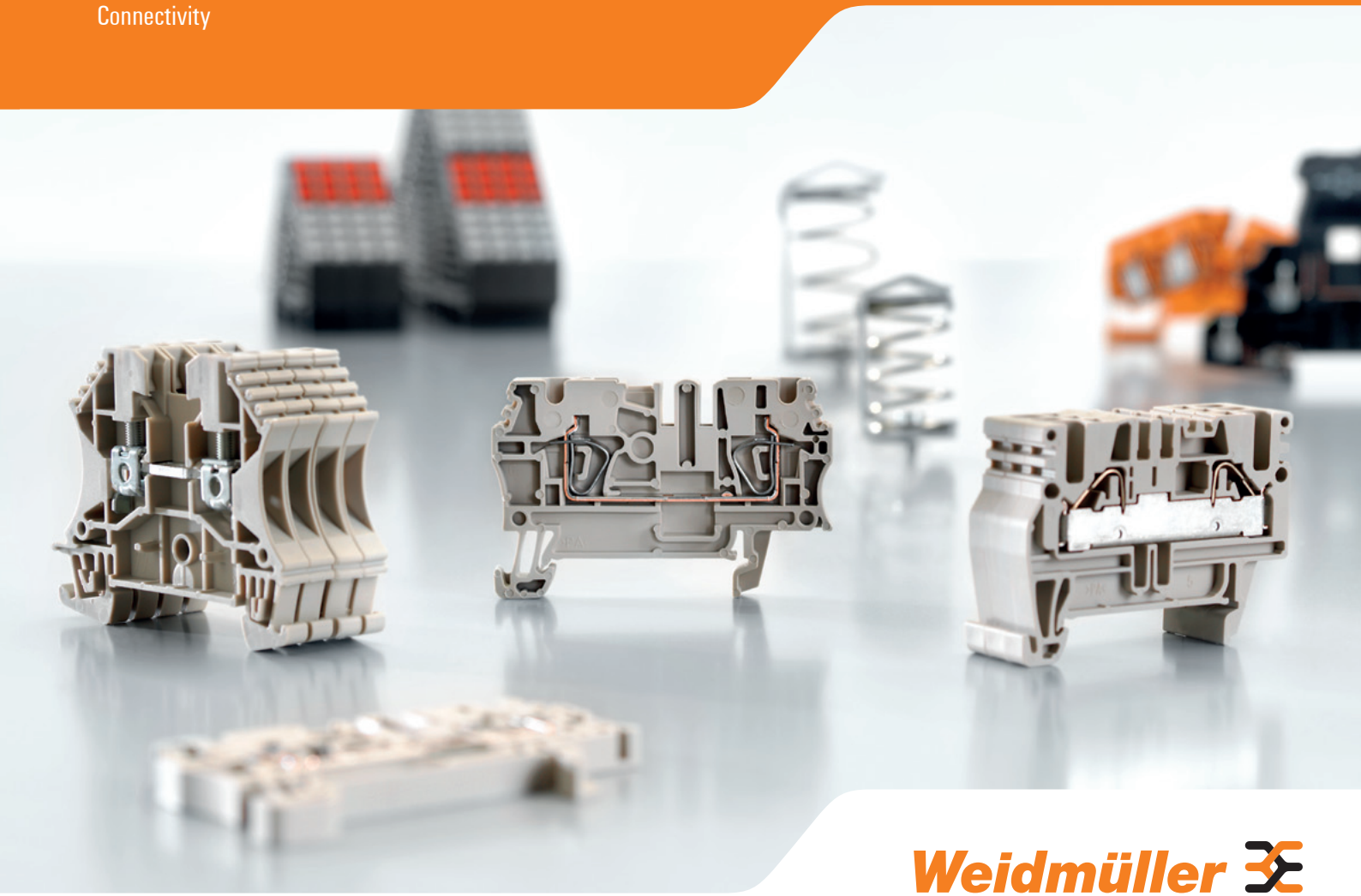
Modular Terminal Blocks
Catalogue 2012/2013

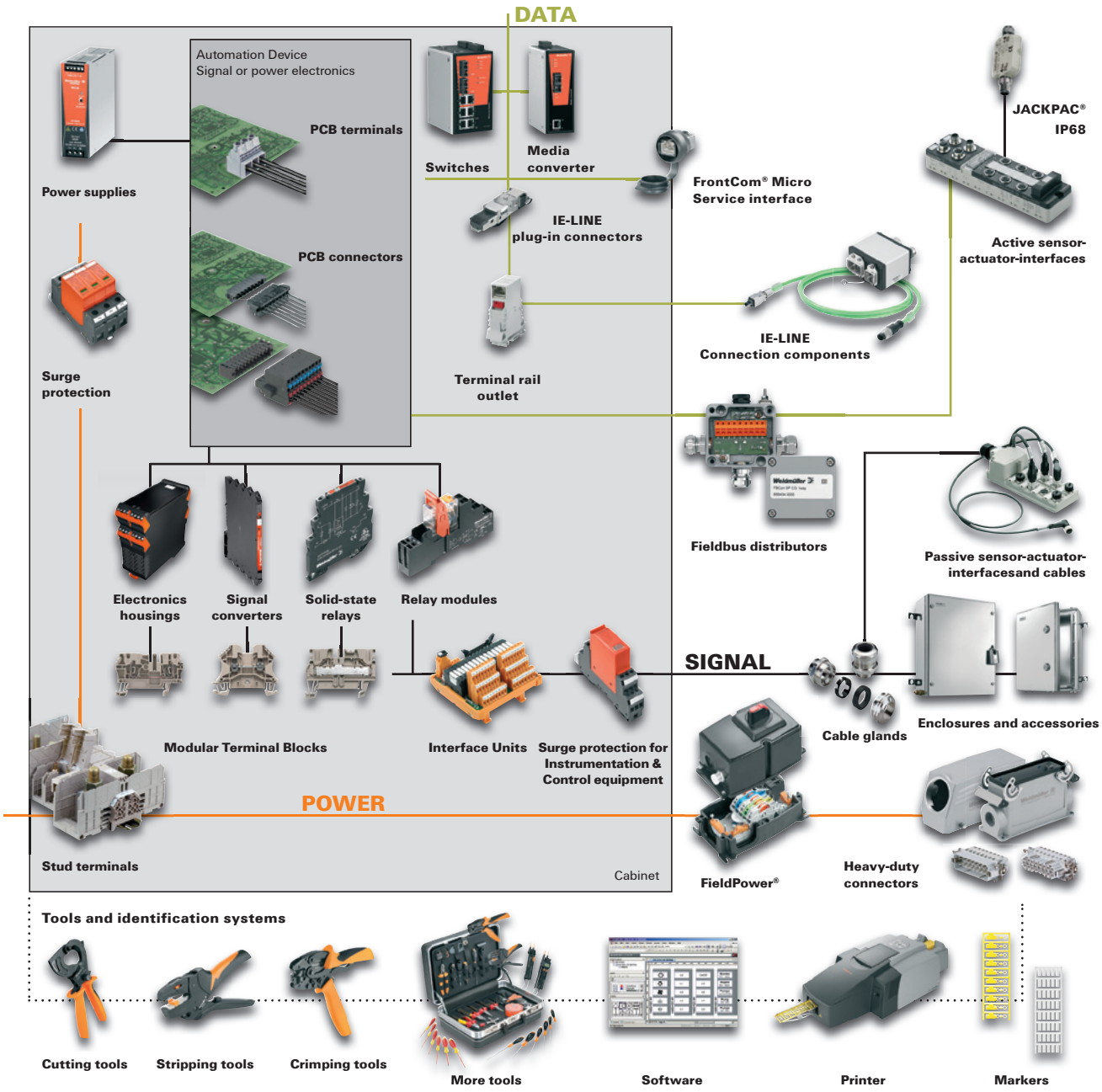
Connectivity



Weidmüller

Product Portfolio

Weidmüller is a leading international provider of solutions for electrical connectivity, transmission and conditioning of power, signal and data in industrial environments. The company with headquarters in Detmold/Germany develops, produces and sells products in the field of electrical connectivity and electronics worldwide.
www.power-signal-data.com



Modular Terminal Blocks
Catalogue 1

Modular Terminal Blocks — Overview

Terminals, P-Series (PUSH IN technology)

Terminals, Z-Series (Tension clamp technology)

Terminals, W-Series, Stud terminals, SAK-Series (Screw connection technology)

Shield connection terminals KLBÜ

Accessories

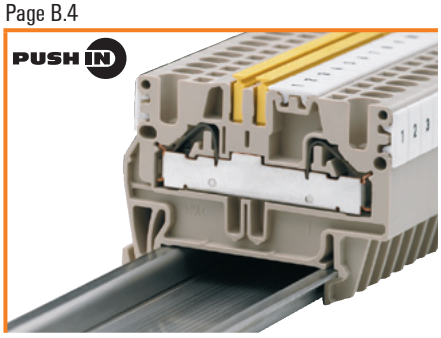
Appendix — **Weidmüller Solutions & Service**

Technical appendix

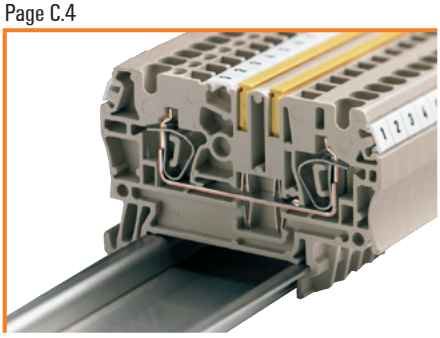
Index — Search according to Type or order number
Addresses worldwide

Modular Terminal Blocks

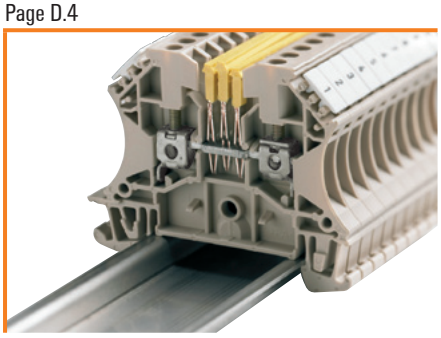
P-Series
Page B.4



Z-Series
Page C.4



W-Series
Page D.4



Modular terminals TS 15
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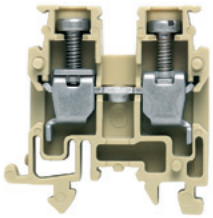

Multipin terminal strips
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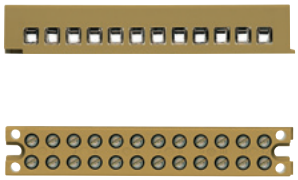

Stud terminals
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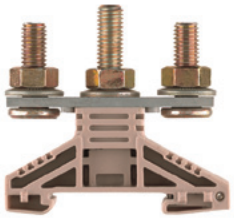
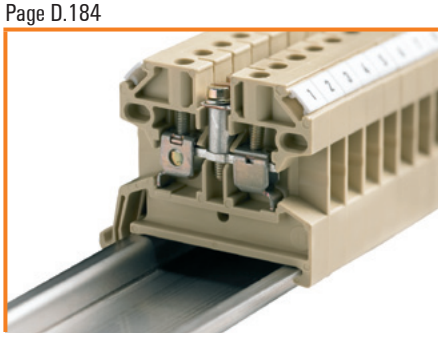
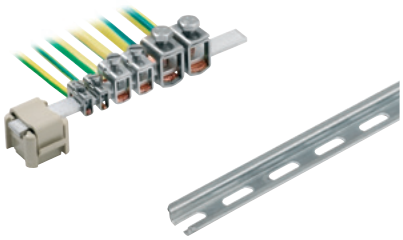


SAK-Series
Page D.184



Shield connection terminals KLBÜ
Page E.6

Busbars/Terminal rails
Page F.2



Connector markers
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Tools
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Wire end ferrules
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Insulated cable connectors
Page F.78

Modular Terminal Blocks

Modular Terminal Blocks	Overview	A.2

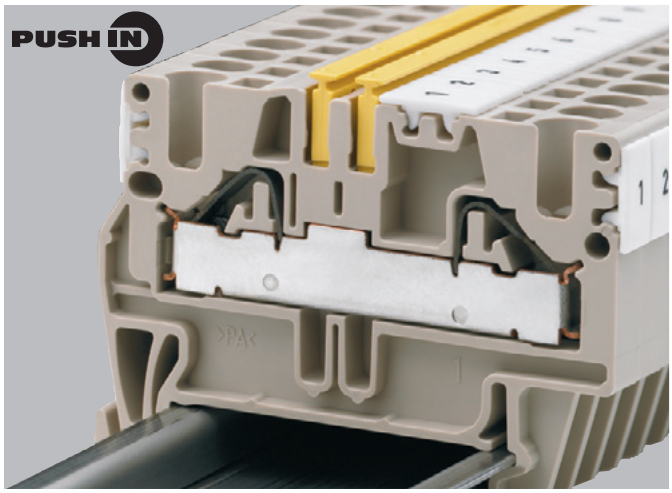
Always the optimum connection for your application

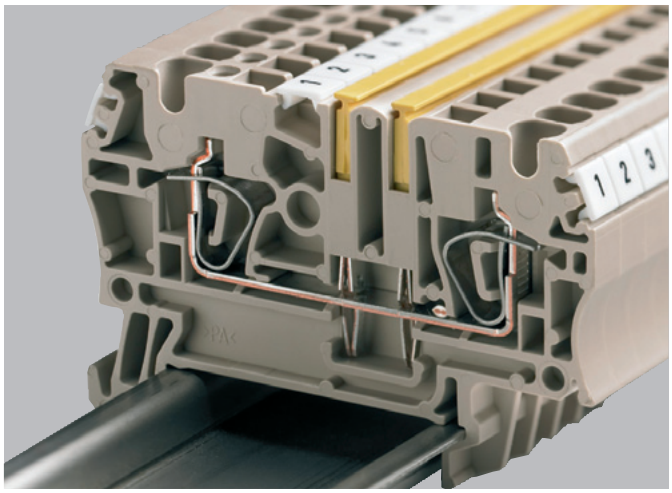
PUSH IN technology / P-Series

PUSH IN technology offers outstanding benefits. Firstly, it's easy to handle and is being widely used in building automation projects around the world. Secondly it provides galvanic isolation, giving excellent electrical rating and thirdly it provides pull-out, shock and vibration resistance.

Tension clamp connection / Z-Series

For a maintenance free, vibration-resistant connection. The stainless steel tension clamp is the alternative to screw connection for cross-sections up to 35 mm².





Time-saving connections
PUSH IN technology reduces installation times to a minimum.

Effective product range
Good performance data in a compact connection. The P-Series is ideal for reducing the number of variations.

100 % reliability
Simply push a stripped solid conductor or a conductor fitted with a wire end ferrule into the clamping point – and that's it, finished! All materials have been tested according to the latest environmental standards and to ensure RoHS conformity.

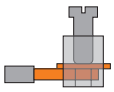
Applications
Wherever solid conductors or conductors fitted with wire end ferrules are needed, Weidmüller PUSH IN technology offers a decisive handling advantage. In machinery and building installations alike.

Comprehensive product range
Available in Standard and Roof-Style versions for connecting cross-sections from 0.05 to 35 mm².

Good contact stability – permanently
The no-maintenance, vibration-resistant tension clamp connection guarantees a gas-tight contact point and high contact forces.

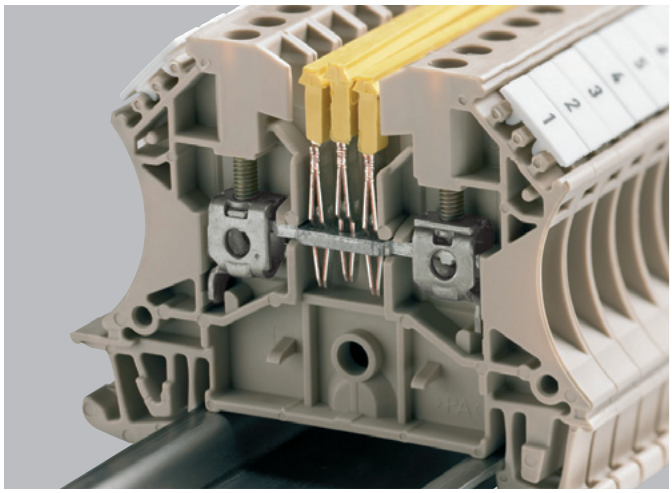
Diverse cross-connection options
The ZQV plug-in standard cross-connection enables many different options. For feeding, distributing and skipping potentials.

Applications
Wherever an alternative to screw connection is required and where fast wiring times and vibration-resistant contacts are a must, the Weidmüller Z-Series is unbeatable. Whether in machinery, in the automotive industry, in railway engineering or shipbuilding.



Screw connection / W-Series

The simple handling plus the separation of electrical and mechanical functions make the Weidmüller clamping yoke the universal standard solution.



Wide range of cross-sections
The diverse, yet comprehensive range of products, covers cross-sections from 0.05 to 300 mm^2. That adds up to a complete product offering for safe or hazardous area applications.

Good contact stability – permanently
The maintenance free, vibration-resistant screw clamp guarantees a good contact force and a stable, secure connection.

Only the best materials
Hardened steel is used for strength in the clamping yoke, whilst tin plated copper ensures superior conductivity. All materials have been tested according to the latest environmental standards and to ensure RoHS compliance.

Applications
Wherever stable connections and secure contacts are essential, the Weidmüller W-Series is the right answer. In power generation and measurement, in process engineering and in switchgear installations.

Terminals, P-Series

Terminals, P-Series	Overview P-Series	B.2
	Feed-through terminals	B.4
	Double-level terminals	B.8
	Initiator and motor connection terminals	B.10
	PE terminals	B.11
	Fuse terminals	B.16
	Test-disconnect terminals	B.18
	Actuator and installation terminals – overview	B.24
	Actuator and installation terminals	B.26
	Marshalling- and potential distribution terminal blocks – overview	B.36
	Marshalling- and potential distribution terminal blocks	B.38
	Accessories P-Series	B.44

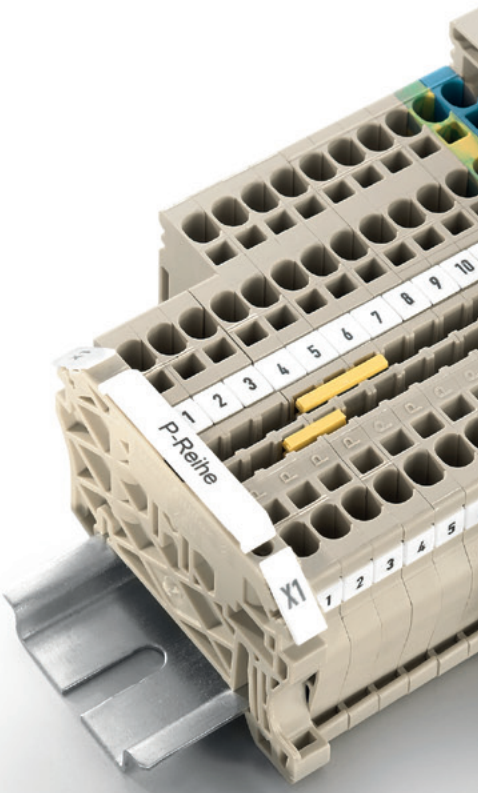
Terminal blocks with PUSH IN wire connection

PUSH IN

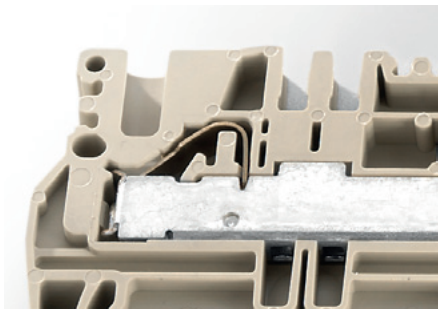
Wiring is quick and safe

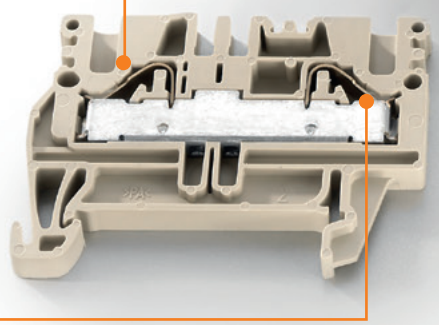
Increase your efficiency. The PUSH IN connection method and the associated reduction in the number of versions will help you.

Among the impressive features of the direct PUSH IN connection system are minimal wiring times and reliable, simple handling. Compared to the 3-conductor tension clamps, the direct PUSH IN system achieves time-savings of up to 50 % when connecting the conductor (3.5 seconds per conductor). The stripped solid conductor is simply pushed into the terminal as far as it will go – that's all there is to it. No tools are required, and the result is a reliable, vibration-resistant, gas-tight connection. Even flexible conductors with crimped wire end ferrules or ultrasonic-welded conductors can be connected without any problems.

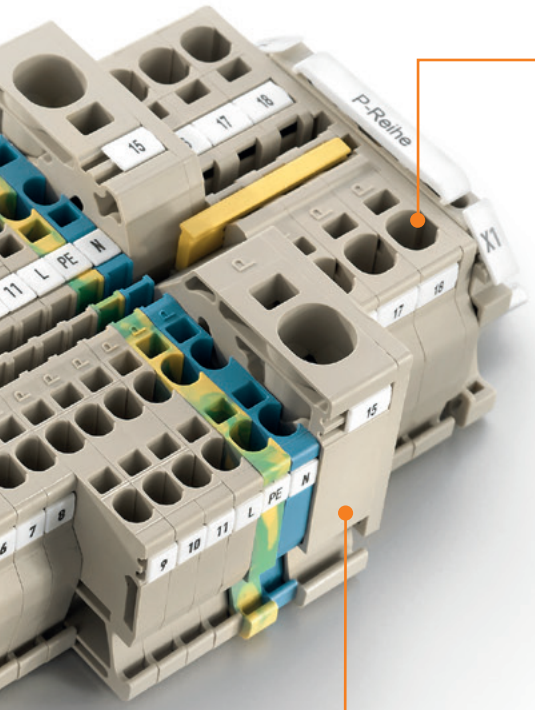


Quick and safe
Wiring time is significantly reduced with the direct insertion technique for solid-core and flexible stranded wires with ferrules thanks to the PUSH IN connection method – considerably quicker to connect and no need for additional tools.



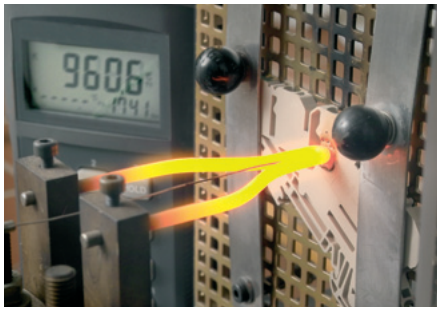


Contact security
The long-term contact force between wire and busbar is ensured with a stainless steel spring. The busbar is made of copper with a tin alloy, this ensures a very low voltage drop.



Simple operation
The PUSH IN contact's spring movement is limited by the spring stop mechanism, improper use is prevented by the design of the terminals.

Wemid insulating material
- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- V0 flammability rating to UL94
- Halogen and phosphor free, flame-retardant



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

PDU 2.5/4 — 4 mm²

2 connections

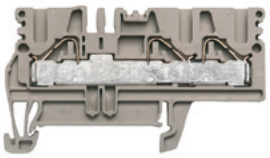
PUSH IN

5.1 x 53 x 39
/ 6
0.13...6

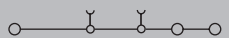
PDU 2.5/4 3AN — 4 mm²

3 connections

PUSH IN



5.1 x 67.5 x 39
/ 6
0.13...6



Technical data

Rated data		IEC 60947-7-1	UL	CSA	EN 60079-7	Ex e II
Rated voltage	V	800	600 (C)	600 (C)	550	II 2 G D
Rated current	A	32	30 (C)	30 (C)	29	
Rated cross-section	mm²	4	AWG 26...10	AWG 26...10	4	
Rated impulse withstand voltage / Pollution severity			8 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0			
Approvals						
Clamped conductors (H05V/H07V)						
Solid / stranded	mm²	0.5...6				
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				
Twin wire-end ferrule	mm²	0.5...2.5				
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm				
Note						

Rated data		IEC 60947-7-1	UL	CSA	EN 60079-7	Ex e II
Rated voltage	V	800	600 (C)	600 (C)	550	II 2 G D
Rated current	A	32	30 (C)	30 (C)	29	
Rated cross-section	mm²	4	AWG 26...10	AWG 26...10	4	
Rated impulse withstand voltage / Pollution severity			8 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0			
Approvals						
Clamped conductors (H05V/H07V)						
Solid / stranded	mm²	0.5...6				
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				
Twin wire-end ferrule	mm²	0.5...2.5				
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm				
Note						

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	PDU 2.5/4	100	1896110000
Blue Wemid	PDU 2.5/4 BL	50	1896230000
Note	For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).		

Version	Type	Qty.	Order No.
Dark beige Wemid	PDU 2.5/4/3AN	100	1896120000
Blue Wemid	PDU 2.5/4/3AN BL	50	1896240000
Note	For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP 2.5/4	2.5 mm	50	1896300000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
Standard	PTA PDU2.5/4	5.1 mm	25	1916180000
With assembly peg	PTA ZA PDU2.5/4	5.1 mm	25	1916190000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	PRH 2.5/4/1	6.16 mm	100	1916410000
For conductors < 1.0 mm² / AWG 18	PRH 2.5/4/2	6.16 mm	100	1916400000
Cover				
With lightning flash symbol	PAD 2.5/4/4	5.1 mm	80	1916150000

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP 2.5/4/4AN	2.5 mm	50	1896320000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
Standard	PTA PDU2.5/4	5.1 mm	25	1916180000
With assembly peg	PTA ZA PDU2.5/4	5.1 mm	25	1916190000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	PRH 2.5/4/1	6.16 mm	100	1916410000
For conductors < 1.0 mm² / AWG 18	PRH 2.5/4/2	6.16 mm	100	1916400000
Cover				
With lightning flash symbol	PAD 2.5/4/4	5.1 mm	80	1916150000

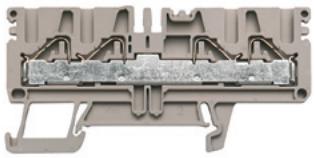
Identification systems (see assortment in catalogue 7)			
Marking tags	DEK 5/5 / WS 10/5		
Note	Detailed information for working with twin ferrules can be found in the P Series Accessories section.		

Identification systems (see assortment in catalogue 7)			
Marking tags	DEK 5/5 / WS 10/5		
Note	Detailed information for working with twin ferrules can be found in the P Series Accessories section.		

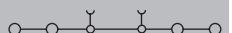
PDU 2.5/4 4AN — 4 mm²

4 connections

PUSH IN



5.1 x 78.5 x 39
/ 6
0.13...6



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
32	30 (C)	30 (C)	27
4	AWG 26...10	AWG 26...10	4
	8 kV / 3		
	A3 / V-0		

Rated connection

0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDU 2.5/4/4AN	100	1896130000
PDU 2.5/4/4AN BL	50	1896250000

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
PAP 2.5/4/4AN	2.5 mm	50	1896320000
ZEW 35	6 mm	20	9540000000
PTA PDU2.5/4	5.1 mm	25	1916180000
PTA ZA PDU2.5/4	5.1 mm	25	1916190000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

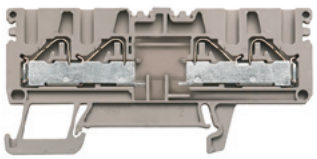
DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

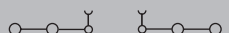
PDU 2.5/4 2x2 — 4 mm²

2 x 2 connections

PUSH IN



5.1 x 78 x 39
/ 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA
800		
32		
4		
	8 kV / 3	
	A3 / V-0	

Rated connection

0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDU 2.5/4/2X2AN	50	1022220000

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Type	current	Qty.	Order No.
	Width		
PAP 2.5/4/4AN	2.5 mm	50	1896320000
ZEW 35	6 mm	20	9540000000
PTA PDU2.5/4	5.1 mm	25	1916180000
PTA ZA PDU2.5/4	5.1 mm	25	1916190000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

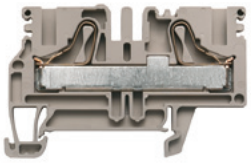
DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

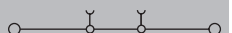
PDU 6/10 — 10 mm²

2 connections

PUSH IN



8.1 x 64.5 x 41.5
57 / 10
1.5...10



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
57	44 (C)	46 (C)	37
10	AWG 14...8	AWG 14...8	10
	8 kV / 3		
	A4 / V-0		

Rated connection

1.5...6
1.5...10 / 1.5...10
14 / 0.6 x 3.5 mm

Type	Qty.	Order No.
PDU 6/10	50	1896140000
PDU 6/10 BL	25	1896270000

For 10 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000).

Type	current	Qty.	Order No.
ZQV 6N/2		60	1906210000
ZQV 6N/3		60	1906220000
ZQV 6N/4		60	1906230000
ZQV 6N/20		20	1906240000
	Width		
PAP PDU6/10	2.5 mm	20	1896330000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PAD 6/10/4	5.3 mm	80	1916160000

WS 10/8

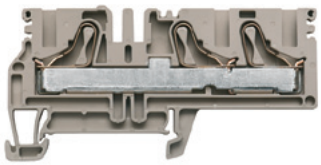
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

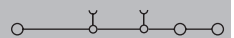
PDU 6/10 3AN — 10 mm²

3 connections

PUSH IN



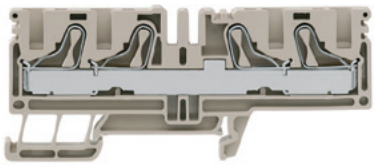
8.1 x 82.5 x 41.5
57 / 10
1.5...10



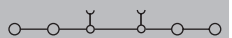
PDU 6/10 4AN — 10 mm²

NEW

PUSH IN



8.1 x 97 x 41.5
57 / 10
1.5...10



Technical data

Rated data				
	IEC 60947-7-1		Ex e II	II 2 G D
Rated voltage	800	600 (C)	600 (C)	550
Rated current	57	44 (C)	46 (C)	37
Rated cross-section	10	AWG 14...8	AWG 14...8	10
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A4 / V-0	
Approvals				
Clamped conductors (H05V/H07V)				
Solid / stranded mm²	1.5...6			
Flexible / Flexible with ferrule mm²	1.5...10 / 1.5...10			
Twin wire-end ferrule mm²				
Stripping length / Blade size mm/-	14 / 0.6 x 3.5 mm			
Note				

Rated data			
	IEC 60947-7-1		
Rated voltage	800	600 (C)	
Rated current	57	47 (C)	
Rated cross-section	10	AWG 14...8	
Rated impulse withstand voltage / Pollution severity		8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A4 / V-0	
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded mm²	1.5...6		
Flexible / Flexible with ferrule mm²	1.5...10 / 1.5...10		
Twin wire-end ferrule mm²			
Stripping length / Blade size mm/-	14 / 0.6 x 3.5 mm		
Note			

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	PDU 6/10/3AN	50	1896150000
Blue Wemid	PDU 6/10/3AN BL	50	1896280000
Note	For 10 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000).		

Version	Type	Qty.	Order No.
Dark beige Wemid	PDU 6/10/4AN	50	1083040000
Blue Wemid	PDU 6/10 4AN BL	25	1165130000
Note			

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6N/2		60	1906210000
3-pole	ZQV 6N/3		60	1906220000
4-pole	ZQV 6N/4		60	1906230000
10-pole				
20-/24-pole	ZQV 6N/20		20	1906240000
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDU6/10/3AN	2.5 mm	20	1896340000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
Standard				
With assembly peg				
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20				
For conductors < 1.0 mm² / AWG 18				
Cover				
With lightning flash symbol	PAD 6/10/4	5.3 mm	80	1916160000

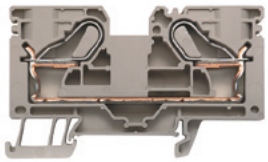
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6N/2		60	1906210000
3-pole	ZQV 6N/3		60	1906220000
4-pole	ZQV 6N/4		60	1906230000
10-pole				
20-/24-pole	ZQV 6N/20		20	1906240000
End plate / Partition plate				
Dark beige Wemid				
End bracket		**Width**		
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
Standard				
With assembly peg				
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20				
For conductors < 1.0 mm² / AWG 18				
Cover				
With lightning flash symbol	PAD 6/10/4	5.3 mm	80	1916160000

Identification systems (see assortment in catalogue 7)		
Marking tags	WS 10/8	WS 10/8
Note		

PDU 16 — 16 mm²

2 connections

PUSH IN



12.1 x 80.5 x 48
/ 16
2.5...16

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
76	75 (C)	78 (C)	59
16	AWG 14...4	AWG 14...4	16
	8 kV / 3		
	B6 / V-0		

Rated connection
2.5...16
2.5...16 / 2.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
PDU 16	25	1896400000
PDU 16 BL	10	1896220000

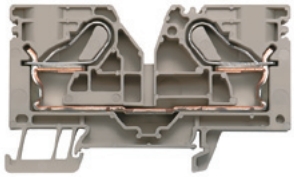
Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	1739690000
	Width		
PAP 16	2.7 mm	10	1896290000
ZEW 35	6 mm	20	9540000000
SDIS SL 1.0X4.5X125		1	1274680000
PAD 16/4	7.3 mm	80	1916170000

WS 12/8

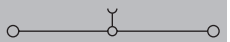
PEI 16 — 16 mm²

Supply terminal

PUSH IN



15 x 80.5 x 48
/ 16
2.5...16



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
76	75 (C)	78 (C)	66
16	AWG 14...4	AWG 14...4	16
	8 kV / 3		
	B6 / V-0		

Rated connection
2.5...16
2.5...16 / 2.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
PEI 16	25	1918780000
PEI 16 BL	25	1918790000

Terminal contains end plate.
No separate end plate is necessary.

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 6N/3		60	1906220000
	Width		
ZEW 35	6 mm	20	9540000000
SDIS SL 1.0X4.5X125		1	1274680000
PAD 16/4	7.3 mm	80	1916170000

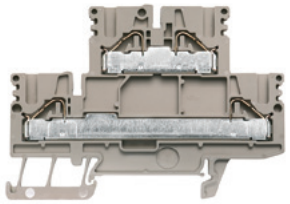
WS 12/8

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

PDK 2.5/4 — 2.5 mm²

Double-level terminal

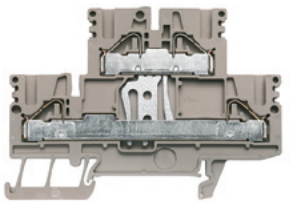
PUSH IN



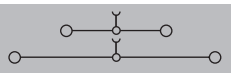
PDK 2.5/4 V — 2.5 mm²

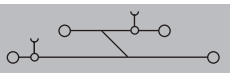
Vertical cross-connected double-level terminal

PUSH IN



Width/Length/Height of lowest version	mm	5.1 x 82.5 x 58.5	5.1 x 82.5 x 58.5
max. current / max. cond. cross-section	A/mm²	**28 / 6**	**28 / 6**
Max. clamping range	mm²	**0.13...6**	**0.13...6**





Technical data

Rated data		IEC 60947-7-1		
		IEC	UL	CSA
Rated voltage	V	800	600 (C)	600 (C)
Rated current	A	24	30 (C)	30 (C)
Rated cross-section	mm²	2.5	AWG 26...10	AWG 26...10
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...6		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4		
Twin wire-end ferrule	mm²	0.5...2.5		
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm		
Note				

		IEC 60947-7-1		
		IEC	UL	CSA
Rated voltage	V	800	600 (C)	600 (C)
Rated current	A	24	30 (C)	30 (C)
Rated cross-section	mm²	2.5	AWG 26...10	AWG 26...10
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...6		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4		
Twin wire-end ferrule	mm²	0.5...2.5		
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm		
Note				

Ordering data

Version		Type	Qty.	Order No.
	Dark beige Wemid	PDK 2.5/4	50	**1918770000**
	Blue Wemid	PDK 2.5/4 BL	50	**1918760000**
Note		For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).		

Version		Type	Qty.	Order No.
	Dark beige Wemid	PDK 2.5/4V	50	**1918730000**
	Blue Wemid	PDK 2.5/4V BL	50	**1918680000**
Note		For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).		

Accessories

Pluggable cross-connection		Type	current	Qty.	Order No.
	2-pole	ZQV 2.5/2	24 A	60	**1608860000**
	3-pole	ZQV 2.5/3	24 A	60	**1608870000**
	4-pole	ZQV 2.5/4	24 A	60	**1608880000**
	10-pole	ZQV 2.5/10	24 A	20	**1608940000**
	20-/24-pole	ZQV 2.5/20	24 A	20	**1908960000**
End plate / Partition plate			**Width**		
	Dark beige Wemid	PAP PDK 2.5/4	2.5 mm	20	**1919720000**
End bracket					
	Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Screwdriver					
	Standard	SDS 0.5X3.0X80		1	**9008320000**
Reducing sleeves					
	For conductors < 0.5 mm² / AWG 20	PRH 2.5/4/1	6.16 mm	100	**1916410000**
	For conductors < 1.0 mm² / AWG 18	PRH 2.5/4/2	6.16 mm	100	**1916400000**
Cover					
	With lightning flash symbol	PAD 2.5/4/4	5.1 mm	80	**1916150000**

Pluggable cross-connection		Type	current	Qty.	Order No.
	2-pole	ZQV 2.5/2	24 A	60	**1608860000**
	3-pole	ZQV 2.5/3	24 A	60	**1608870000**
	4-pole	ZQV 2.5/4	24 A	60	**1608880000**
	10-pole	ZQV 2.5/10	24 A	20	**1608940000**
	20-/24-pole	ZQV 2.5/20	24 A	20	**1908960000**
End plate / Partition plate			**Width**		
	Dark beige Wemid	PAP PDK 2.5/4	2.5 mm	20	**1919720000**
End bracket					
	Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Screwdriver					
	Standard	SDS 0.5X3.0X80		1	**9008320000**
Reducing sleeves					
	For conductors < 0.5 mm² / AWG 20	PRH 2.5/4/1	6.16 mm	100	**1916410000**
	For conductors < 1.0 mm² / AWG 18	PRH 2.5/4/2	6.16 mm	100	**1916400000**
Cover					
	With lightning flash symbol	PAD 2.5/4/4	5.1 mm	80	**1916150000**

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

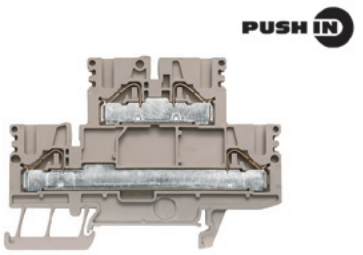
DEK 5/5 / SNAPMARK I(1805880000)

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

DEK 5/5 / SNAPMARK I(1805880000)

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDK 2.5/4 N-L — 2.5 mm²



5.1 x 82.5 x 58.5
28 / 6
0.13...6

IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	600 (C)
24	30 (C)	30 (C)
2.5	AWG 26...10	AWG 26...10
	8 kV / 3	
	A3 / V-0	

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDK 2.5/4N-L	50	1918740000

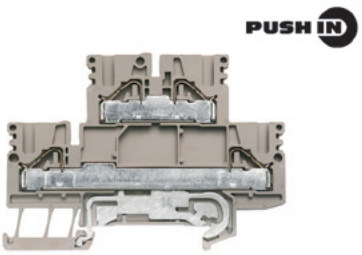
For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
PAP PDK 2.5/4	2.5 mm	20	1919720000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

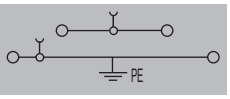
DEK 5/5 / SNAPMARK I(1805880000)

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDK 2.5/4 L-PE — 2.5 mm²



5.1 x 82.5 x 58.5
28 / 6
0.13...6



IEC 60947-7-2

IEC	UL	CSA
800	600 (C)	600 (C)
24	30 (C)	30 (C)
2.5	AWG 26...10	AWG 26...10
	8 kV / 3	
	A3 / V-0	

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDK 2.5/4L-PE	50	1918720000

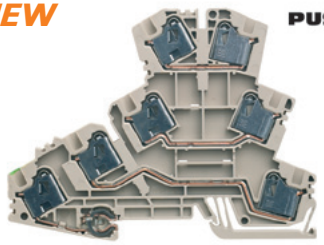
For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
PAP PDK 2.5/4	2.5 mm	20	1919720000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

DEK 5/5 / SNAPMARK I(1805880000)

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	PMAK 4	PMAK 4 800 V
	4 mm²	4 mm²
	NEW PUSH IN	NEW PUSH IN
		
Width/Length/Height of lowest version (mm)	5.1 x 103.86 x 79.05	6.1 x 107.5 x 82.6
max. current / max. cond. cross-section (A/mm²)	/ 6	/ 6
Max. clamping range (mm²)	0.5...6	0.5...6

Technical data

	PMAK 4	PMAK 4 800 V
Rated data		
Rated voltage (V)	IEC 60947-7-1 (-7-2)	IEC 60947-7-1 (-7-2)
Rated current (A)	IEC: 400 / UL: 300 (C) / CSA:	IEC: 800 / UL: 600 (C) / CSA:
Rated cross-section (mm²)	IEC: 30 / UL: 29 (C) / CSA:	IEC: 32 / UL: 29 (C) / CSA:
Rated impulse withstand voltage / Pollution severity	IEC: 4 / UL: AWG 26...10 / CSA:	IEC: 4 / UL: AWG 26...10 / CSA:
Gauge to IEC 60947-1 / Flammability class UL94	6 kV / A3 / V-0	8 kV / A3 / V-0
Approvals	cULus	cULus
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / stranded (mm²)	0.5...6	0.5...6
Flexible / Flexible with ferrule (mm²)	0.5...4 / 4...0.5	0.5...4 / 4...0.5
Twin wire-end ferrule (mm²)		
Stripping length / Blade size (mm/-)	12 / 0.4 x 2.5 mm	12 / 0.4 x 2.5 mm
Note		

Ordering data

	PMAK 4	PMAK 4 800V
Version		
	Dark beige Wemid	
Type	PMAK 4	PMAK 4 800V
Qty.	50	50
Order No.	**1221340000**	**1221350000**
Note		

Accessories

	PMAK 4				PMAK 4 800 V			
Pluggable cross-connection	**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
2-pole	ZQV 2.5/2	24 A	60	**1608860000**				
3-pole	ZQV 2.5/3	24 A	60	**1608870000**				
4-pole	ZQV 2.5/4	24 A	60	**1608880000**				
10-pole	ZQV 2.5/10	24 A	20	**1608940000**				
End plate / Partition plate		**Width**						
Dark beige Wemid	PAP PMAK 4	1 mm	20	**1221360000**				
End bracket						**Width**		
Dark beige Wemid	ZEW 35/2	8 mm	20	**8630740000**	ZEW 35/2	8 mm	20	**8630740000**
Screwdriver								
Standard	SDS 0.4X2.5X75		1	**9009030000**	SDS 0.4X2.5X75		1	**9009030000**

	PMAK 4	PMAK 4 800 V
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5	DEK 5/5
Note		

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

PPE 2.5/4 — 4 mm²

2 connections

PUSH IN

5.1 x 53 x 39
/ 6
0.13...6

PPE 2.5/4 3AN — 4 mm²

3 connections

PUSH IN

5.1 x 67 x 39
/ 6
0.13...6

Technical data

Rated data				
Rated cross-section	mm²			
Rated voltage to adjoining terminal	V			
Rated impulse withstand voltage to adjacent terminal	kV			
Rated short-time current				
Pollution severity				
Gauge to IEC 60947-1 / Flammability class UL94				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / stranded	mm²			
Flexible / Flexible with ferrule	mm²			
Twin wire-end ferrule	mm²			
Stripping length / Blade size	mm/-			
Note				

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
	480 A (4 mm²)		
	3		
	A3 / V-0		

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
	480 A (4 mm²)		
	3		
	A3 / V-0		

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

Ordering data

Version	
	green/yellow Wemid
Note	

Type	Qty.	Order No.
PPE 2.5/4	50	**1896170000**

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Type	Qty.	Order No.
PPE 2.5/4/3AN	50	**1896200000**

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Accessories

End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0.5 mm² / AWG 20
	For conductors < 1.0 mm² / AWG 18
Cover	
	With lightning flash symbol

Type	Width	Qty.	Order No.
PAP 2.5/4	2.5 mm	50	**1896300000**
ZEW 35	6 mm	20	**9540000000**
SDS 0.5X3.0X80		1	**9008320000**
PRH 2.5/4/1	6.16 mm	100	**1916410000**
PRH 2.5/4/2	6.16 mm	100	**1916400000**
PAD 2.5/4/4	5.1 mm	80	**1916150000**

Type	Width	Qty.	Order No.
PAP 2.5/4/3AN	2.5 mm	50	**1896480000**
ZEW 35	6 mm	20	**9540000000**
SDS 0.5X3.0X80		1	**9008320000**
PRH 2.5/4/1	6.16 mm	100	**1916410000**
PRH 2.5/4/2	6.16 mm	100	**1916400000**
PAD 2.5/4/4	5.1 mm	80	**1916150000**

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

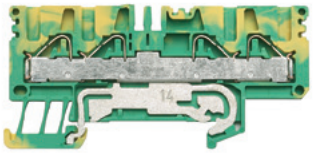
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

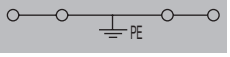
PPE 2.5/4 4AN — 4 mm²

4 connections

PUSH IN



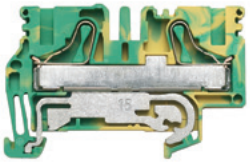
5.1 x 80 x 39
/ 6
0.13...6



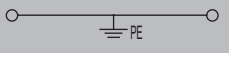
PPE 6/10 — 10 mm²

2 connections

PUSH IN



8.1 x 63.5 x 41.5
/ 10
1.5...10



Technical data

Rated data	
Rated cross-section	mm²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Twin wire-end ferrule	mm²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 14...8	AWG 14...8	10
800			
8			
1200 A (10 mm²)			
3			
A4 / V-0			

Rated connection
1.5...6
1.5...10 / 1.5...10
14 / 0.6 x 3.5 mm

Ordering data

Version
green/yellow Wemid
Note

Type	Qty.	Order No.
PPE 2.5/4/4AN	50	1896160000

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Type	Qty.	Order No.
PPE 6/10	25	1896180000

For 10 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000).

Accessories

End plate / Partition plate
Dark beige Wemid
End bracket
Dark beige Wemid
Screwdriver
Standard
Reducing sleeves
For conductors < 0.5 mm² / AWG 20
For conductors < 1.0 mm² / AWG 18
Cover
With lightning flash symbol

Type	Width	Qty.	Order No.
PAP 2.5/4/4AN	2.5 mm	50	1896320000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

Type	Width	Qty.	Order No.
PAP PDU6/10	2.5 mm	20	1896330000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PAD 6/10/4	5.3 mm	80	1916160000

Identification systems (see assortment in catalogue 7)
Marking tags
Note

DEK 5/5 / WS 10/5

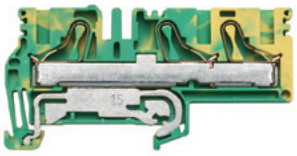
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

WS 10/8

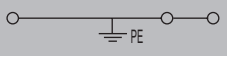
PPE 6/10 3AN — 10 mm²

3 connections

PUSH IN



8.1 x 81.5 x 41.5
/ 10
1.5...10



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 14...8	AWG 14...8	10
800			
8			
1200 A (10 mm²)			
3			
A4 / V-0			

Rated connection
1.5...6
1.5...10 / 1.5...10
14 / 0.6 x 3.5 mm

Type	Qty.	Order No.
PPE 6/10/3AN	25	**1896190000**

For 10 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000).

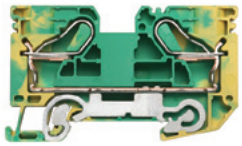
Type	Width	Qty.	Order No.
PAP PDU6/10/3AN	2.5 mm	20	**1896340000**
ZEW 35	6 mm	20	**9540000000**
SDS 0.5X3.0X80		1	**9008320000**
PAD 6/10/4	5.3 mm	80	**1916160000**

WS 10/8

PPE 16 — 16 mm²

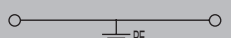
2 connections

PUSH IN



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	12.1 x 81 x 48
max. current / max. cond. cross-section	A/mm²	/ 16
Max. clamping range	mm²	2.5...16



Technical data

IEC 60947-7-2 — Ex e II — II 2 G D

Rated data	IEC	UL	CSA	EN 60079-7
Rated cross-section mm²	16	AWG 14...4	AWG 14...4	16
Rated voltage to adjoining terminal V	800			
Rated impulse withstand voltage to adjacent terminal kV	8			
Rated short-time current		1920 A (16 mm²)		
Pollution severity		3		
Gauge to IEC 60947-1 / Flammability class UL94		B6 / V-0		
Approvals				
Clamped conductors (H05V/H07V)				
Solid / stranded mm²	2.5...16			
Flexible / Flexible with ferrule mm²	2.5...16 / 2.5...16			
Twin wire-end ferrule mm²				
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
green/yellow Wemid	PPE 16	10	1896210000

Note

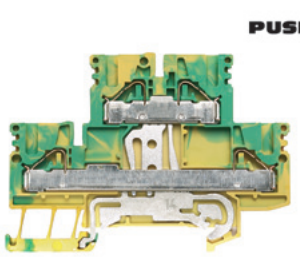
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 16/2	76 A	25	1739690000
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP 16	2.7 mm	10	1896290000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Screwdriver				
Standard	SDIS SL 1.0X4.5X125		1	1274680000
Cover				
With lightning flash symbol	PAD 16/4	7.3 mm	80	1916170000

Identification systems (see assortment in catalogue 7)	
Marking tags	WS 10/12

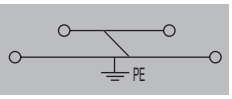
Note

PDK 2.5/4 PE — 4 mm²



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	5.1 x 82.5 x 58.5
max. current / max. cond. cross-section	A/mm²	/ 6
Max. clamping range	mm²	0.13...6



Technical data

Rated data		IEC 60947-7-2
Rated cross-section	mm²	
Rated voltage to adjoining terminal	V	
Rated impulse withstand voltage to adjacent terminal	kV	
Rated short-time current		
Pollution severity		
Gauge to IEC 60947-1 / Flammability class UL94		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Twin wire-end ferrule	mm²	
Stripping length / Blade size	mm/-	

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
	480 A (4 mm²)		
	3		
	A3 / V-0		
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
0.5...2.5			

Ex e II II 2 G D

Note

Ordering data

Version	
	green/yellow Wemid

Type	Qty.	Order No.
PDK 2.5/4 PE	50	1918710000

Note

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Accessories

	Type	Width	Qty.	Order No.
End plate / Partition plate				
Dark beige Wemid	PAP PDK 2.5/4	2.5 mm	20	1919720000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	PRH 2.5/4/1	6.16 mm	100	1916410000
For conductors < 1.0 mm² / AWG 18	PRH 2.5/4/2	6.16 mm	100	1916400000
Cover				
With lightning flash symbol	PAD 2.5/4/4	5.1 mm	80	1916150000

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5

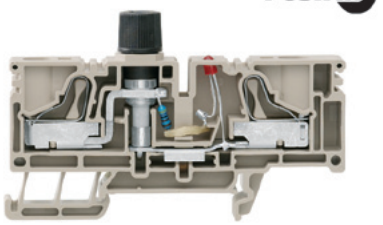
Note

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PSI 6/10 — 10 mm²

NEW

PUSH IN



PSI 6/10

Overload and short-circuit protection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

12.2 x 81 x 40.35	
10 / 10	
1.5...10	

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	
Note	

IEC 60947-7-1

IEC	UL	CSA
250		
6.3		
10		
	8 kV / 3	
	V-0	

Rated connection
1.5...6
1.5...10 / 1.5...10
0.6 x 3.5 mm

Type	Order No.
PSI 6/10	**1083050000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	35 °C	2.5 W / 6.3 A		
In combination	26 °C	2.5 W / 6.3 A		

Ordering data

Version	
	Dark beige Wemid
	black
Note	

Type	Qty.	Order No.
PSI 6/10	25	**1083050000**
PSI 6/10 SW	25	**1165140000**
Short-circuit protection aligned individually: 10 A and 4 W.		

Accessories

Pluggable cross-connection	
	3-pole
	5-pole
	7-pole
	9-pole
End plate / Partition plate	
	Dark beige Wemid
	black
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast

Type	current	Qty.	Order No.
ZQV 4/3 GE	32 A	60	**1608960000**
ZQV 4/5 GE	32 A	20	**1608980000**
ZQV 4/7 GE	32 A	20	**1609000000**
ZQV 4/9 GE	32 A	20	**1609020000**
	Width		
PAP PTL/PSI 6/10	2.5 mm	20	**1165320000**
PAP PTL/PSI 6/10 SW	2.5 mm	20	**1165330000**
ZEW 35	6 mm	20	**9540000000**
SDS 0.5X3.0X80		1	**9008320000**
G 20/0.25A/F		10	**0430500000**
G 20/0.50A/F		10	**0430600000**
G 20/1.00A/F		10	**0430700000**
G 20/2.00A/F		10	**0430900000**

Identification systems (see assortment in catalogue 7)	
	Marking tags
Note	

WS 10/8
Every second pin on the cross-connection must be broken out.

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

for terminal type

PSI 6/10

Technical data / Ordering data

G-type cartridge fuses 5 x 20 **without** indicators to IEC 60127-2 (VDE 0820 pt.2 BI)

Size (mm)	Nom. current (A)	Type		Qty.	Order No.
5 x 20 breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0.7)	0.1	(F)	G 20/0.10A/F	10	**0430300000**
	0.2	(F)	G 20/0.20A/F	10	**0430400000**
	0.25	(F)	G 20/0.25A/F	10	**0430500000**
	0.5	(F)	G 20/0.50A/F	10	**0430600000**
	0.63	(F)	G 20/0.63A/F	10	**0439000000**
	1.0	(F)	G 20/1.00A/F	10	**0430700000**
	1.6	(F)	G 20/1.60A/F	10	**0430800000**
	2.0	(F)	G 20/2.00A/F	10	**0430900000**
	2.5	(F)	G 20/2.50A/F	10	**0431000000**
	3.15	(F)	G 20/3.15A/F	10	**0431100000**
	4.0	(F)	G 20/4.00A/F	10	**0431200000**
	5.0	(F)	G 20/5.00A/F	10	**0431300000**
	6.3	(F)	G 20/6.30A/F	10	**0431400000**
	(M) = medium-blow (F) = fast-blow				

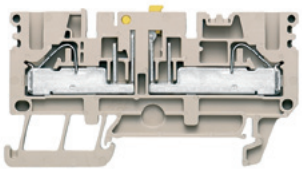
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

PTR 2.5/4 — 2.5 mm²

With isolator

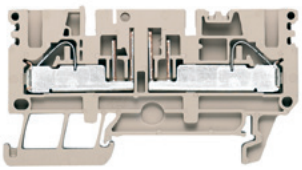
PUSH IN



5.1 x 71 x 39.5
22 / 6
0.13...6

PTR 2.5/4 O TNHE — 2.5 mm²

PUSH IN



5.1 x 71 x 39.5
22 / 6
0.13...6

Technical data

Rated data		PTR 2.5/4	PTR 2.5/4 O TNHE
Rated voltage of feed-through terminal	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Twin wire-end ferrule	mm²		
Stripping length / Blade size	mm/-		

IEC	UL	CSA
500	600 (C)	600 (C)
22	24 (C)	24 (C)
2.5	AWG 26...10	AWG 26...10
	6 kV / 3	
	A3 / V-0	

Rated connection	PTR 2.5/4	PTR 2.5/4 O TNHE
	0.5...6	0.5...6
	0.5...4 / 0.5...4	0.5...4 / 0.5...4
	0.5...2.5	0.5...2.5
	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm

Note

Ordering data

Version	PTR 2.5/4 — Type	Qty.	Order No.	PTR 2.5/4 O TNHE — Type	Qty.	Order No.
Dark beige Wemid	PTR 2.5/4	50	1933950000			
Blue Wemid	PTR 2.5/4 BL	50	1933970000			
Without isolator, Dark beige Wemid				PTR 2.5/4 O TNHE	50	1933910000

Note

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Accessories

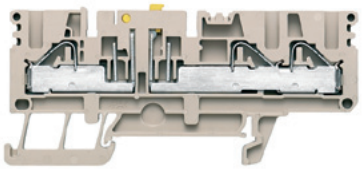
	PTR 2.5/4 — Type	current	Qty.	Order No.	PTR 2.5/4 O TNHE — Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 2.5/2	24 A	60	1608860000	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	PAP PTR2.5/4	2.5 mm	20	1934680000	PAP PTR2.5/4	2.5 mm	20	1934680000
End bracket								
Dark beige Wemid	ZEW 35	6 mm	20	9540000000	ZEW 35	6 mm	20	9540000000
Screwdriver								
Standard	SDS 0.5X3.0X80		1	9008320000	SDS 0.5X3.0X80		1	9008320000
Testing / Checking								
Test plug	PS 2.3 RT	5.4 mm	20	0180400000	PS 2.3 RT	5.4 mm	20	0180400000
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
Module connector (max, 250 V)								
without fittings	BEST	5.1 mm	50	1833100000	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000	BEST/D	5.1 mm	50	1878560000
Disconnect plug								
removable, as replacement for release lever	TNST		50	1833090000	TNST		50	1833090000

	PTR 2.5/4	PTR 2.5/4 O TNHE
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5
Note	Detailed information for working with twin ferrules can be found in the P Series Accessories section.	Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PTR 2.5/4 3AN — 2.5 mm²

With isolator

PUSH IN



5.1 x 85 x 39.5
22 / 6
0.13...6

IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	600 (C)
22	24 (C)	24 (C)
2.5	AWG 26...10	AWG 26...10
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
PTR 2.5/4/3AN	50	1933980000
PTR 2.5/4/3AN BL	50	1933930000

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

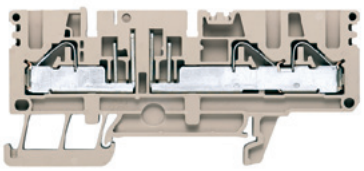
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
PAP PTR2.5/4/3AN	2.5 mm	20	1934690000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PTR 2.5/4 3AN O TNHE — 2.5 mm²

PUSH IN



5.1 x 85 x 39.5
22 / 6
0.13...6

IEC 60947-7-1

IEC	UL	CSA
500		
22		
2.5		
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
PTR 2.5/4/3AN O TNHE	50	1933990000

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
PAP PTR2.5/4/3AN	2.5 mm	20	1934690000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

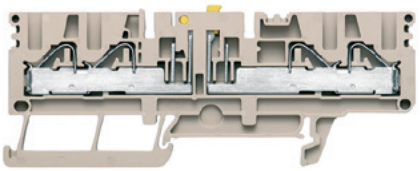
DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PTR 2.5/4 4AN — 2.5 mm²

With isolator

PUSH IN



5.1 x 99 x 39.5
22 / 6
0.13...6

IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	600 (C)
22	24 (C)	24 (C)
2.5	AWG 26...10	AWG 26...10
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
PTR 2.5/4/4AN	50	1933940000
PTR 2.5/4/4AN BL	50	1934000000

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

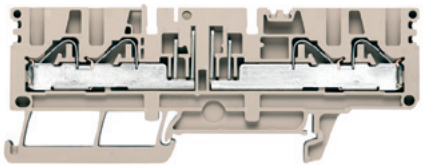
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
PAP PTR2.5/4/4AN	2.5 mm	20	1934700000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PTR 2.5/4 4AN O TNHE — 2.5 mm²

PUSH IN



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

5.1 x 99 x 39.5
22 / 6
0.13...6

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA
Rated voltage of feed-through terminal	500		
Rated current	22		
Rated cross-section	2.5		
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	
Approvals			
Clamped conductors (H05V/H07V)	**Rated connection**		
Solid / stranded mm²	0.5...6		
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4		
Twin wire-end ferrule mm²	0.5...2.5		
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm		

Note

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid			
Blue Wemid			
Without isolator, Dark beige Wemid	PTR 2.5/4/4AN O TNHE	50	**1933890000**

Note

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
20-/24-pole	ZQV 2.5/20	24 A	20	**1908960000**
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PTR2.5/4/4AN	2.5 mm	20	**1934700000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Screwdriver				
Standard	SDS 0.5X3.0X80		1	**9008320000**
Testing / Checking				
Test plug	PS 2.3 RT	5.4 mm	20	**0180400000**
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	**1833100000**
with wire jumper	BEST/DRBR	5.1 mm	50	**1878570000**
With 1N4007 diode	BEST/D	5.1 mm	50	**1878560000**
Disconnect plug				
removable, as replacement for release lever	TNST		50	**1833090000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5

Note

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

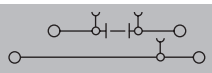
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

PDL 4/TR/DU O TNHE — 4 mm²

PUSH IN

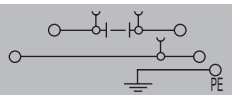
5.1 x 100 x 49.5
/ 4
0.08...4



PDL 4/TR/DU/PE O TNHE — 4 mm²

PUSH IN

5.1 x 100 x 49.5
/ 4
0.08...4



Technical data

Rated data		IEC 60947-7-1		
		IEC	UL	CSA
Rated voltage of feed-through terminal	V	400	150 (C)	300 (B)
Rated current	A	20	17 (C)	6.3 (B)
Rated cross-section	mm²	4	AWG 28...10	AWG 28...10
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4		
Twin wire-end ferrule	mm²	0.5...1.5		
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm		
Note				

Rated data		IEC 60947-7-1 (-7-2)		
		IEC	UL	CSA
Rated voltage of feed-through terminal	V	400	300 (D)	300 (B)
Rated current	A	20	10 (D)	6.3 (B)
Rated cross-section	mm²	4	AWG 28...10	AWG 28...10
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4		
Twin wire-end ferrule	mm²	0.5...1.5		
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm		
Note				

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid			
Without isolator, Dark beige Wemid	PDL 4/TR/DU O TNHE	50	1899210000
Note	...without disconnecting lever. Suitable for the SIHA 3 fuse holder with G fuse, for the BEST component plug and for the TNST isolating plug.		

Version	Type	Qty.	Order No.
Dark beige Wemid			
Without isolator, Dark beige Wemid	PDL 4/TR/DU/PE O TNHE	50	1899220000
Note	...without disconnecting lever. Suitable for the SIHA 3 fuse holder with G fuse, for the BEST component plug and for the TNST isolating plug.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDL4	1.5 mm	20	1883210000
End bracket				
Dark beige Wemid	ZEW 35/2	8 mm	20	8630740000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDL4	1.5 mm	20	1883210000
End bracket				
Dark beige Wemid	ZEW 35/2	8 mm	20	8630740000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000

Identification systems	(see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5
Note	Detailed information for working with twin ferrules can be found in the P Series Accessories section.	Detailed information for working with twin ferrules can be found in the P Series Accessories section.

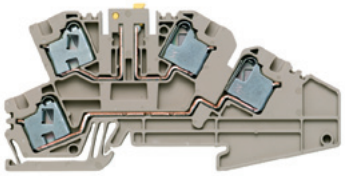
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

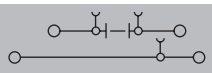
PDL 4/TR/DU — 4 mm²

With isolator

PUSH IN



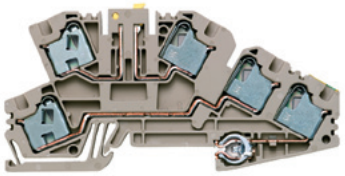
5.1 x 100 x 49.5
/ 4
0.08...4



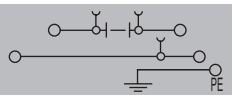
PDL 4/TR/DU/PE — 4 mm²

With isolator

PUSH IN



5.1 x 100 x 49.5
/ 4
0.08...4



Technical data

	PDL 4/TR/DU	PDL 4/TR/DU/PE
Rated data	IEC 60947-7-1	IEC 60947-7-1 (-7-2)
	IEC / UL / CSA	**IEC / UL / CSA**
Rated voltage of feed-through terminal V	400 / 150 (C) / 300 (B)	400 / 300 (D) / 300 (B)
Rated current A	20 / 17 (C) / 20 (B)	20 / 10 (D) / 20 (B)
Rated cross-section mm²	4 / AWG 28...10 / AWG 28...10	4 / AWG 28...10 / AWG 28...10
Rated impulse withstand voltage / Pollution severity	4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94	A3 / V-0	A3 / V-0
Approvals		
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Twin wire-end ferrule mm²	0.5...1.5	0.5...1.5
Stripping length / Blade size mm/-	12 / 3.0 x 0.5 mm	12 / 3.0 x 0.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	PDL 4/TR/DU	50	1899190000
Without isolator, Dark beige Wemid			
Note	Without isolator: PDL 4 TR/DU 0 TNHE Order no.: 1899210000		

Version	Type	Qty.	Order No.
Dark beige Wemid	PDL 4/TR/DU/PE	50	1899200000
Without isolator, Dark beige Wemid			
Note	Without isolator: PDL 4 TR/DU/PE 0 TNHE Order no.: 1899220000		

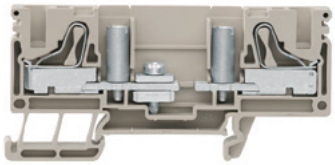
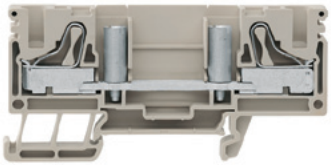
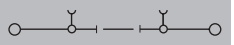
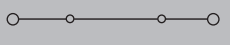
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDL4	1.5 mm	20	1883210000
End bracket				
Dark beige Wemid	ZEW 35/2	8 mm	20	8630740000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDL4	1.5 mm	20	1883210000
End bracket				
Dark beige Wemid	ZEW 35/2	8 mm	20	8630740000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000

Identification systems	(see assortment in catalogue 7)
Marking tags	DEK 5/5 / WS 10/5
Note	Detailed information for working with twin ferrules can be found in the P Series Accessories section.

	DEK 5/5 / WS 10/5
	Detailed information for working with twin ferrules can be found in the P Series Accessories section.

	PTL 6/10	10 mm²	PTD 6/10	10 mm²
	NEW PUSH IN		NEW PUSH IN	
				
Width/Length/Height of lowest version mm	8.1 x 82 x 40.35		8.1 x 82 x 40.35	
max. current / max. cond. cross-section A/mm²	/ 10		/ 10	
Max. clamping range mm²	1.5...10		1.5...10	

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Technical data

	PTL 6/10	PTD 6/10
Rated data	IEC 60947-7-1	IEC 60947-7-1
Rated voltage of feed-through terminal V	IEC: 800	IEC: 800
Rated current A	UL: 600 (C)	UL: 600 (C)
Rated cross-section mm²	CSA: 57	CSA: 57
	45 (C)	45 (C)
	10	10
	AWG 16...16	AWG 16...16
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94	A5 / V-0	A5 / V-0
Approvals	cULus	cULus
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / stranded mm²	1.5...6	1.5...6
Flexible / Flexible with ferrule mm²	1.5...10 / 1.5...10	1.5...10 / 1.5...10
Twin wire-end ferrule mm²		
Stripping length / Blade size mm/-	14 / 0.6 x 3.5 mm	14 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	PTL 6/10/STB	50	1084780000
Note			

Version	Type	Qty.	Order No.
Dark beige Wemid	PTD 6/10/STB	50	1084790000
Note			

Accessories

	Type	Width	Qty.	Order No.
End plate / Partition plate				
Dark beige Wemid	PAP PTL/PSI 6/10	2.5 mm	20	1165320000
black	PAP PTL/PSI 6/10 SW	2.5 mm	20	1165330000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Miscellaneous accessories				
Short-circuit plug, 2-pole	QS 2/8/4	12 mm	20	0270960000
Threaded bushing				
Standard	GWHUE M3 WTL6		50	1255010000
Screwable cross-connection		**current**		
2-pole	WQV 6/2	57 A	50	1052360000
3-pole	WQV 6/3	57 A	50	1054760000
4-pole	WQV 6/4	57 A	50	1054860000
10-pole	WQV 6/10	57 A	20	1052260000
Testing / Checking		**Width**		
Socket - blue	STB 21.6/45 BL	6.1 mm	50	1936290000
Socket - yellow	STB 21.6/45 GE	6.1 mm	50	1936240000
Socket - green	STB 21.6/45 GN	6.1 mm	50	1936250000
Socket - magenta	STB 21.6/45 VI	6.1 mm	50	1936260000
Socket	STB 14/D6/4/M3 SAK10		500	2012420000
Socket - blue	STB 36.8/IH/BL WTL6/1	6 mm	50	1847790000
Socket - yellow	STB 36.8/IH/GE WTL6/1	6 mm	50	1847760000
Socket - green	STB 36.8/IH/GN WTL6/1	6 mm	50	1847770000
Socket - magenta	STB 36.8/IH/VI WTL6/1	6 mm	50	1847780000
Socket	STB 36.8/IH/DB WTL6/1	6 mm	50	1847740000

	Type	Width	Qty.	Order No.
End plate / Partition plate				
Dark beige Wemid	PAP PTL/PSI 6/10	2.5 mm	20	1165320000
black	PAP PTL/PSI 6/10 SW	2.5 mm	20	1165330000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Miscellaneous accessories				
Short-circuit plug, 2-pole	QS 2/8/4	12 mm	20	0270960000
Threaded bushing				
Standard	GWHUE M3 WTL6		50	1255010000
Screwable cross-connection		**current**		
2-pole	WQV 6/2	57 A	50	1052360000
3-pole	WQV 6/3	57 A	50	1054760000
4-pole	WQV 6/4	57 A	50	1054860000
10-pole	WQV 6/10	57 A	20	1052260000
Testing / Checking		**Width**		
Socket - blue	STB 21.6/45 BL	6.1 mm	50	1936290000
Socket - yellow	STB 21.6/45 GE	6.1 mm	50	1936240000
Socket - green	STB 21.6/45 GN	6.1 mm	50	1936250000
Socket - magenta	STB 21.6/45 VI	6.1 mm	50	1936260000
Socket	STB 14/D6/4/M3 SAK10		500	2012420000
Socket - blue	STB 36.8/IH/BL WTL6/1	6 mm	50	1847790000
Socket - yellow	STB 36.8/IH/GE WTL6/1	6 mm	50	1847760000
Socket - green	STB 36.8/IH/GN WTL6/1	6 mm	50	1847770000
Socket - magenta	STB 36.8/IH/VI WTL6/1	6 mm	50	1847780000
Socket	STB 36.8/IH/DB WTL6/1	6 mm	50	1847740000

Identification systems	(see assortment in catalogue 7)	
Marking tags	DEK 5/8	DEK 5/8
Note		

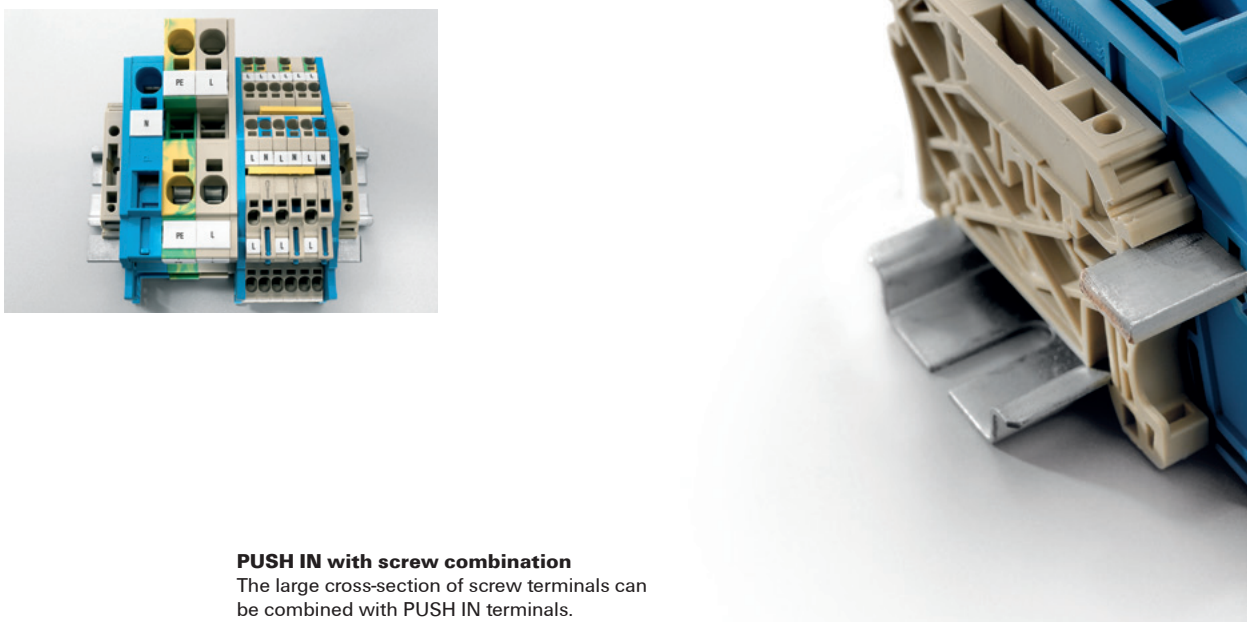
Distribution terminal blocks for simple maintenance

PUSH IN

A cost-effective solution for building and facility installations: with "PUSH IN" connections

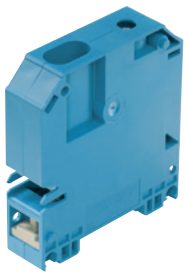
This addition to Weidmüller's comprehensive line of "PUSH IN" terminal block products speeds up your installation while also providing better power specifications in a smaller size.

It offers key advantages wherever solid wires or wires with ferrules are being connected.

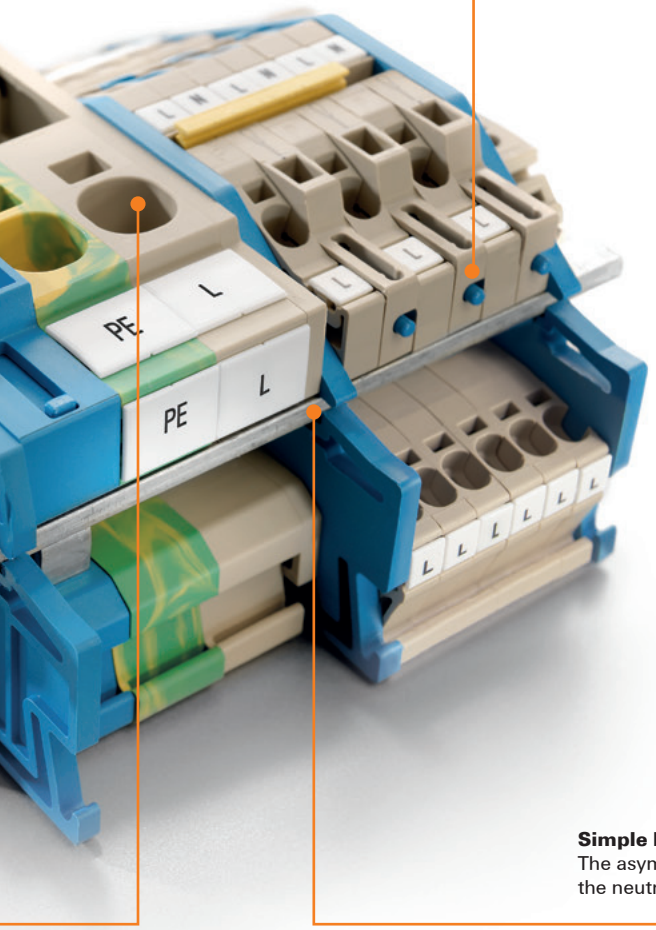


Quick and safe
A universal wire connection range from 2.5 to 16 mm². Solid and flexible conductors with wire-end ferrules can be connected using this connection system.

PUSH IN with screw combination
The large cross-section of screw terminals can be combined with PUSH IN terminals.



Increased flexibility
Simple to swap-out PDL terminals from the group when connected with the PDU 16S.



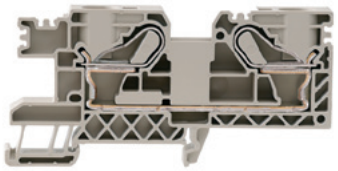
Simple handling
The asymmetric design of the terminal enables the neutral-wire busbar to be bypassed.

Feed-through terminals

PDU 16S | **16 mm²**

NEW

PUSH IN



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	12.1 x 96.5 x 48
max. current / max. cond. cross-section	A/mm²	**/ 16**
Max. clamping range	mm²	**2.5...16**

Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	800		
Rated current	A	76		
Rated cross-section	mm²	16		
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			B6 / V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection
Solid / stranded	mm²	2.5...16
Flexible / Flexible with ferrule	mm²	2.5...16 / 2.5...16
Twin wire-end ferrule	mm²	
Stripping length / Blade size	mm/-	18 / 1.0 x 5.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	PDU 16S	25	**1139580000**

Note

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 16/2	76 A	25	**1739690000**
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDU16S	2.7 mm	10	**1139910000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Screwdriver				
Standard	SDIS SL 1.0X4.5X125		1	**1274680000**
Cover				
With lightning flash symbol	PAD 16/4	7.3 mm	80	**1916170000**

Identification systems (see assortment in catalogue 7)	
Marking tags	WS 12/8

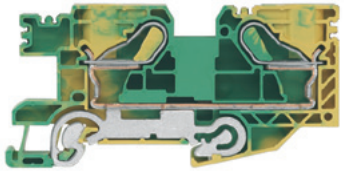
Note

PE terminals

PPE 16S — **16 mm²**

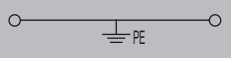
NEW

PUSH IN



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	12.1 x 96.5 x 48
max. current / max. cond. cross-section	A/mm²	**/ 16**
Max. clamping range	mm²	**2.5...16**



Technical data

IEC 60947-7-2

Rated data		IEC	UL	CSA
Rated cross-section	mm²	16		
Rated voltage to adjoining terminal	V	800		
Rated impulse withstand voltage to adjacent terminal	kV	8		
Rated short-time current			1920 A (16 mm²)	
Pollution severity			3	
Flammability class UL94			V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection
Solid / stranded	mm²	2.5...16
Flexible / Flexible with ferrule	mm²	2.5...16 / 2.5...16
Blade size		1.0 x 5.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
green/yellow Wemid	PPE 16S	10	**1139570000**

Note

Accessories

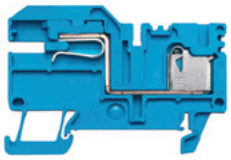
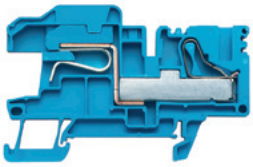
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 16/2	76 A	25	**1739690000**

End plate / Partition plate		Width		
Dark beige Wemid	PAP PDU16S	2.7 mm	10	**1139910000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Screwdriver				
Standard	SDIS SL 1.0X4.5X125		1	**1274680000**
Cover				
With lightning flash symbol	PAD 16/4	7.3 mm	80	**1916170000**

Identification systems (see assortment in catalogue 7)	
Marking tags	WS 10/12

Note

Neutral conductor disconnect terminals

	PNT 2.5/4	PNT 6/10
	4 mm²	10 mm²
	PUSH IN	PUSH IN
		
Width/Length/Height of lowest version mm	5.1 x 63.5 x 48.5	8.1 x 72.5 x 46.5
max. current / max. cond. cross-section A/mm²	/ 6	/ 10
Max. clamping range mm²	0.08...6	1.5...10

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Technical data

	PNT 2.5/4	PNT 6/10
Rated data		
Rated voltage V	250	250
Rated current A	32	41
Rated cross-section mm²	4	10
Rated impulse withstand voltage / Pollution severity	4 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94	A3 / V-0	A4 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / stranded mm²	0.5...6	1.5...6
Flexible / Flexible with ferrule mm²	2.5...4 / 0.5...4	1.5...10 / 1.5...10
Twin wire-end ferrule mm²	...1.5	
Stripping length / Blade size mm/-	12 / 3.0 x 0.5 mm	14 / 0.6 x 3.5 mm
Note		

	PNT 2.5/4	PNT 6/10
	IEC 60947-1	IEC 60947-1
	IEC / UL / CSA	IEC / UL / CSA
Rated connection		

Ordering data

	PNT 2.5/4	PNT 6/10
Version		
	Blue Wemid	
Note		
Type	PNT 2.5/4	PNT 6/10
Qty.	50	25
Order No.	1896360000	1896370000

Accessories

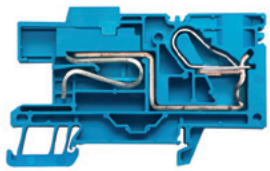
Type	current	Qty.	Order No.
Pluggable cross-connection			
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Support bracket for 10 x 3 (required every 20 cm)	**Width**		
PHP PNT 2.5/4	3 mm	20	1896390000
PHP PNT 2.5/4 SO	3 mm	20	1916790000
End bracket			
ZEW 35	6 mm	20	9540000000
Screwdriver			
SDS 0.5X3.0X80		1	9008320000
Busbar 10 x 3 (140 A)			
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
Clamping yoke for power supply to 10 x 3 busbars			
ZF 4 S BL	6.1 mm	50	1814660000
ZB 16K BL	10 mm	50	0502880000
ZB 35/M6X16	14 mm	20	0266500000

Type	current	Qty.	Order No.
ZQV 6N/2		60	1906210000
ZQV 6N/3		60	1906220000
ZQV 6N/4		60	1906230000
ZQV 6N/20		20	1906240000
Width			
PHP PNT 6/10	3 mm	10	1896100000
PHP PNT 6/10 SO	3 mm	10	1919710000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZF 4 S BL	6.1 mm	50	1814660000
ZB 16K BL	10 mm	50	0502880000
ZB 35/M6X16	14 mm	20	0266500000

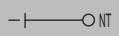
Identification systems	(see assortment in catalogue 7)		
Marking tags		DEK 5/5 / WS 10/5	WS 10/8
Note			

PNT 16 — 16 mm²

PUSH IN



12.1 x 80.5 x 50
/ 16
2.5...16



IEC	UL	CSA
400		
76		
16		
	8 kV / 3	
	B6 / V-0	

Rated connection
2.5...16
2.5...16 / 2.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
PNT 16	10	1896350000

Type	current	Qty.	Order No.
	Width		
PHP PNT16	3 mm	10	1896380000
PHP PNT16 SO	3 mm	10	1919690000
ZEW 35	6 mm	20	9540000000
SDIS SL 1.0X4.5X125		1	1274680000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZF 4 S BL	6.1 mm	50	1814660000
ZB 16K BL	10 mm	50	0502880000
ZB 35/M6X16	14 mm	20	0266500000

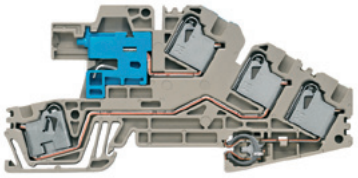
WS 10/12

Distribution terminals for 10 x 3 mm

PDL 4 S/NT/L/PE	4 mm²

PDL 4 S/L/L	4 mm²

PUSH IN

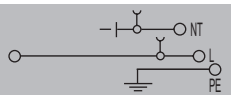


PUSH IN

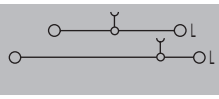
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

5.1 x 100 x 48.5	
36 / 4	
0.08...4	



5.1 x 100 x 48.5	
36 / 4	
0.08...4	



Technical data

Rated data		IEC 60947-7-1 (-7-2)		
		IEC	UL	CSA
Rated voltage	V	400		
Rated current	A	32		
Rated cross-section	mm²	4		
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4		
Twin wire-end ferrule	mm²	0.5...1.5		
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm		
Note				

Rated data		IEC 60947-7-1		
		IEC	UL	CSA
Rated voltage	V	400		
Rated current	A	32		
Rated cross-section	mm²	4		
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4		
Twin wire-end ferrule	mm²	0.5...1.5		
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm		
Note				

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	PDL 4 S/NT/L/PE	50	**1837060000**
Note			

Version	Type	Qty.	Order No.
Dark beige Wemid	PDL 4 S/L/L	50	**1837030000**
Note			

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDL4S	1.5 mm	20	**1837070000**
Support bracket for 10 x 3 (required every 20 cm)				
Blue Wemid	PHP PDL	3 mm	20	**1837090000**
For a vertical installation position	PHP PDL SO	3 mm	20	**1837080000**
End bracket				
Dark beige Wemid	ZEW 35/2	8 mm	20	**8630740000**
Screwdriver				
Standard	SDIS 0.4X2.5X75		1	**9008370000**
Busbar 10 x 3 (140 A)				
OK, Busbar up to OK, TS35 = 25.5 mm	SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars				
Rigid / flexible 0.5 - 6 / 4 mm²	ZF 4 S BL	6.1 mm	50	**1814660000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC	10 mm	50	**0316600000**
Flexible 16 - 35 mm²	ZB 35/M6X16	14 mm	20	**0266500000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDL4S	1.5 mm	20	**1837070000**
Support bracket for 10 x 3 (required every 20 cm)				
Blue Wemid	PHP PDL	3 mm	20	**1837090000**
For a vertical installation position	PHP PDL SO	3 mm	20	**1837080000**
End bracket				
Dark beige Wemid	ZEW 35/2	8 mm	20	**8630740000**
Screwdriver				
Standard	SDIS 0.4X2.5X75		1	**9008370000**
Busbar 10 x 3 (140 A)				
OK, Busbar up to OK, TS35 = 25.5 mm	SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars				
Rigid / flexible 0.5 - 6 / 4 mm²	ZF 4 S BL	6.1 mm	50	**1814660000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC	10 mm	50	**0316600000**
Flexible 16 - 35 mm²	ZB 35/M6X16	14 mm	20	**0266500000**

Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5			
Note				

Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5			
Note				

PDL 4 S/L — 4 mm²

PUSH IN

5.1 x 100 x 48.5
36 / 4
0.08...4

IEC 60947-7-1

IEC	UL	CSA
400		
32		
4		
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4 S/L	50	**1847610000**

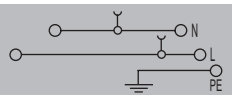
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
	Width		
PAP PDL4S	1.5 mm	20	**1837070000**
PHP PDL	3 mm	20	**1837090000**
PHP PDL SO	3 mm	20	**1837080000**
ZEW 35/2	8 mm	20	**8630740000**
SDIS 0.4X2.5X75		1	**9008370000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZF 4 S BL	6.1 mm	50	**1814660000**
ZB 16 ZKSC	10 mm	50	**0316600000**
ZB 35/M6X16	14 mm	20	**0266500000**

DEK 5/5

PDL 4 S/N/L/PE — 4 mm²

PUSH IN

5.1 x 100 x 48.5
36 / 4
0.08...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400		
32		
4		
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4 S/N/L/PE	50	**1837050000**

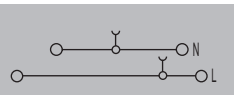
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
	Width		
PAP PDL4S	1.5 mm	20	**1837070000**
PHP PDL	3 mm	20	**1837090000**
PHP PDL SO	3 mm	20	**1837080000**
ZEW 35/2	8 mm	20	**8630740000**
SDIS 0.4X2.5X75		1	**9008370000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZF 4 S BL	6.1 mm	50	**1814660000**
ZB 16 ZKSC	10 mm	50	**0316600000**
ZB 35/M6X16	14 mm	20	**0266500000**

DEK 5/5

PDL 4 S/N/L — 4 mm²

PUSH IN

5.1 x 100 x 48.5
36 / 4
0.08...4



IEC 60947-7-1

IEC	UL	CSA
400		
32		
4		
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4 S/N/L	50	**1847630000**

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
	Width		
PAP PDL4S	1.5 mm	20	**1837070000**
PHP PDL	3 mm	20	**1837090000**
PHP PDL SO	3 mm	20	**1837080000**
ZEW 35/2	8 mm	20	**8630740000**
SDIS 0.4X2.5X75		1	**9008370000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZF 4 S BL	6.1 mm	50	**1814660000**
ZB 16 ZKSC	10 mm	50	**0316600000**
ZB 35/M6X16	14 mm	20	**0266500000**

DEK 5/5

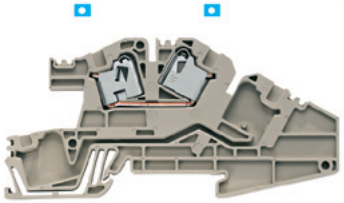
Distribution terminals for 10 x 3 mm

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

PDL 4 S/N — 4 mm²

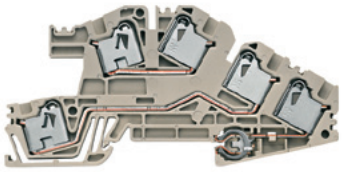
PUSH IN



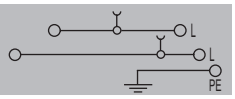
5.1 x 100 x 48.5
36 / 4
0.08...4

PDL 4 S/L/L/PE — 4 mm²

PUSH IN



5.1 x 100 x 48.5
36 / 4
0.08...4



Technical data

Rated data	PDL 4 S/N	PDL 4 S/L/L/PE
	IEC 60947-7-1	IEC 60947-7-1 (-7-2)
	IEC / UL / CSA	IEC / UL / CSA
Rated voltage V	400	400
Rated current A	32	32
Rated cross-section mm²	4	4
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94	A3 / V-0	A3 / V-0
Approvals		
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Twin wire-end ferrule mm²	0.5...1.5	0.5...1.5
Stripping length / Blade size mm/-	12 / 3.0 x 0.5 mm	12 / 3.0 x 0.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	PDL 4 S/N	50	**1847620000**
Note			

Version	Type	Qty.	Order No.
Dark beige Wemid	PDL 4 S/L/L/PE	50	**1837040000**
Note			

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDL4S	1.5 mm	20	**1837070000**
Support bracket for 10 x 3 (required every 20 cm)				
Blue Wemid	PHP PDL	3 mm	20	**1837090000**
For a vertical installation position	PHP PDL SO	3 mm	20	**1837080000**
End bracket				
Dark beige Wemid	ZEW 35/2	8 mm	20	**8630740000**
Screwdriver				
Standard	SDIS 0.4X2.5X75		1	**9008370000**
Busbar 10 x 3 (140 A)				
OK, Busbar up to OK, TS35 = 25.5 mm	SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars				
Rigid / flexible 0.5 - 6 / 4 mm²	ZF 4 S BL	6.1 mm	50	**1814660000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC	10 mm	50	**0316600000**
Flexible 16 - 35 mm²	ZB 35/M6X16	14 mm	20	**0266500000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDL4S	1.5 mm	20	**1837070000**
Support bracket for 10 x 3 (required every 20 cm)				
Blue Wemid	PHP PDL	3 mm	20	**1837090000**
For a vertical installation position	PHP PDL SO	3 mm	20	**1837080000**
End bracket				
Dark beige Wemid	ZEW 35/2	8 mm	20	**8630740000**
Screwdriver				
Standard	SDIS 0.4X2.5X75		1	**9008370000**
Busbar 10 x 3 (140 A)				
OK, Busbar up to OK, TS35 = 25.5 mm	SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars				
Rigid / flexible 0.5 - 6 / 4 mm²	ZF 4 S BL	6.1 mm	50	**1814660000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC	10 mm	50	**0316600000**
Flexible 16 - 35 mm²	ZB 35/M6X16	14 mm	20	**0266500000**

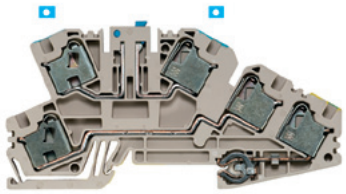
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5			
Note				

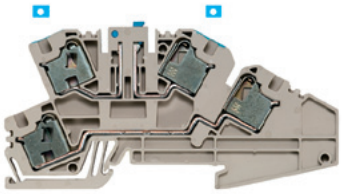
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5			
Note				

Modular distribution terminals

PDL 4 NT/L/PE	4 mm²

PDL 4 NT/L	4 mm²

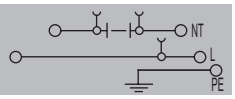


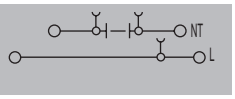


In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

PDL 4 NT/L/PE	PDL 4 NT/L
5.1 x 100 x 49.1	5.1 x 100 x 49.1
/ 4	/ 4
0.08...4	0.08...4





Technical data

Rated data		PDL 4 NT/L/PE			PDL 4 NT/L		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	400	300 (D)	300 (B)	400	150 (C)	300 (B)
Rated current	A	20	10 (D)	20 (B)	20	17 (C)	20 (B)
Rated cross-section	mm²	4	AWG 28...10	AWG 28...10	4	AWG 28...10	AWG 28...10
Rated impulse withstand voltage / Pollution severity			6 kV / 3			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0			A3 / V-0	
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			0.5...4 / 0.5...4		
Twin wire-end ferrule	mm²	0.5...1.5			0.5...1.5		
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm			12 / 3.0 x 0.5 mm		
Note							

Ordering data

Version	PDL 4 NT/L/PE			PDL 4 NT/L		
	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	PDL 4/NT/L/PE	50	1882620000	PDL 4/NT/L	50	1882600000
Note						

Accessories

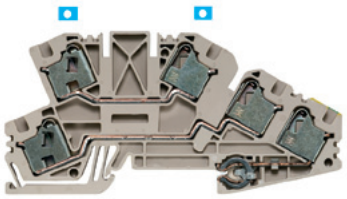
Pluggable cross-connection	PDL 4 NT/L/PE				PDL 4 NT/L			
	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	PAP PDL4	1.5 mm	20	1883210000	PAP PDL4	1.5 mm	20	1883210000
End bracket								
Dark beige Wemid	ZEW 35/2	8 mm	20	8630740000	ZEW 35/2	8 mm	20	8630740000
Screwdriver								
Standard	SDIS 0.4X2.5X75		1	9008370000	SDIS 0.4X2.5X75		1	9008370000

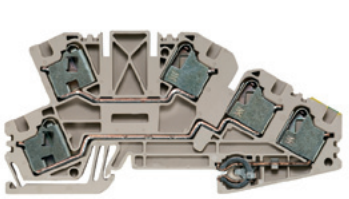
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5	DEK 5/5
Note		

Modular distribution terminals

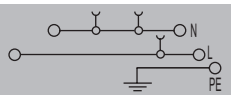
	PDL 4 N/L/PE	4 mm²	PDL 4 L/L/PE	4 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

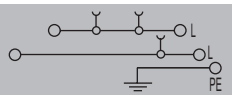




Width/Length/Height of lowest version	mm	5.1 x 100 x 49.1
max. current / max. cond. cross-section	A/mm²	/ 4
Max. clamping range	mm²	0.08...4



Width/Length/Height of lowest version	mm	5.1 x 100 x 49.5
max. current / max. cond. cross-section	A/mm²	/ 4
Max. clamping range	mm²	0.08...4



Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	400	300 (D)	300 (B)
Rated current	A	32	10 (D)	20 (B)
Rated cross-section	mm²	4	AWG 28...10	AWG 28...10
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4		
Twin wire-end ferrule	mm²	0.5...1.5		
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm		
Note				

Rated data		IEC	UL	CSA
Rated voltage	V	400	300 (D)	300 (B)
Rated current	A	32	10 (D)	20 (B)
Rated cross-section	mm²	4	AWG 28...10	AWG 28...10
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4		
Twin wire-end ferrule	mm²	0.5...1.5		
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm		
Note				

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	PDL 4/N/L/PE	50	1899180000
Note			

Version	Type	Qty.	Order No.
Dark beige Wemid	PDL 4/L/L/PE	50	1882610000
Note			

Accessories

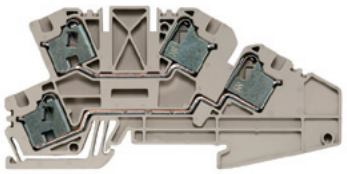
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDL4	1.5 mm	20	1883210000
End bracket				
Dark beige Wemid	ZEW 35/2	8 mm	20	8630740000
Screwdriver				
Standard	SDIS 0.4X2.5X75		1	9008370000

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate		**Width**		
Dark beige Wemid	PAP PDL4	1.5 mm	20	1883210000
End bracket				
Dark beige Wemid	ZEW 35/2	8 mm	20	8630740000
Screwdriver				
Standard	SDIS 0.4X2.5X75		1	9008370000

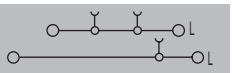
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5	DEK 5/5
Note		

PDL 4 L/L — 4 mm²

PUSH IN



5.1 x 100 x 49.5
/ 4
0.08...4



IEC	UL	CSA
400	150 (C)	300 (B)
32	17 (C)	20 (B)
4	AWG 28...10	AWG 28...10
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4/L/L	50	1882590000

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
	Width		
PAP PDL4	1.5 mm	20	1883210000
ZEW 35/2	8 mm	20	8630740000
SDIS 0.4X2.5X75		1	9008370000

DEK 5/5

The PRV and PPV marshalling- and potential distribution terminal blocks

PUSH IN

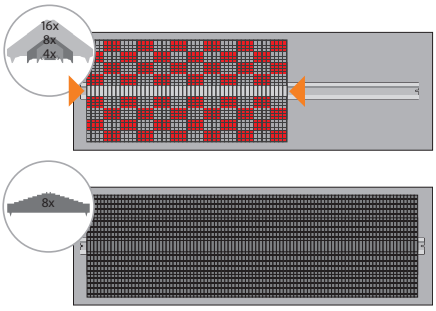
product design award 2012

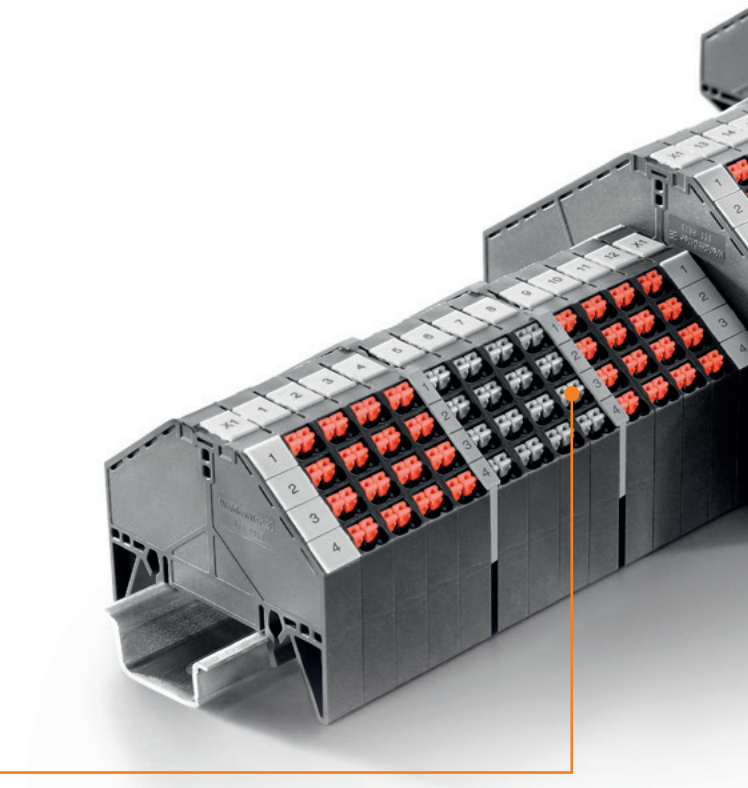
The affordable and space-saving method for signal distribution and routing

Today's control systems are becoming increasingly more complex with higher and higher demands for the monitoring and capturing of operational data. These demands have resulted in a relentless growth in the number of field measuring devices. These trends pose new challenges to engineers.
On one hand, the additional signals for the automation need to be connected and processed. On the other hand this means using up more space and increased costs.

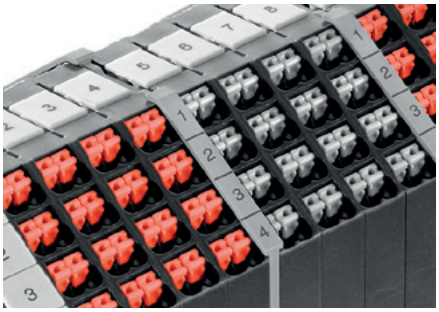
These challenges can be simply dealt with using Weidmuller's new marshalling and distribution terminals. The PRV, with its PUSH IN wire connection, is the most compact marshalling terminal worldwide.

Amazing space saving
In comparison to conventional multi-tier terminals, the new marshalling- and potential distribution terminal blocks have a higher contact density.
Up to 50 % less space is used in the electrical cabinet with the optimised PRV design.

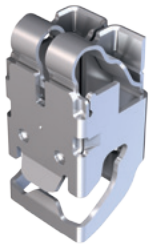


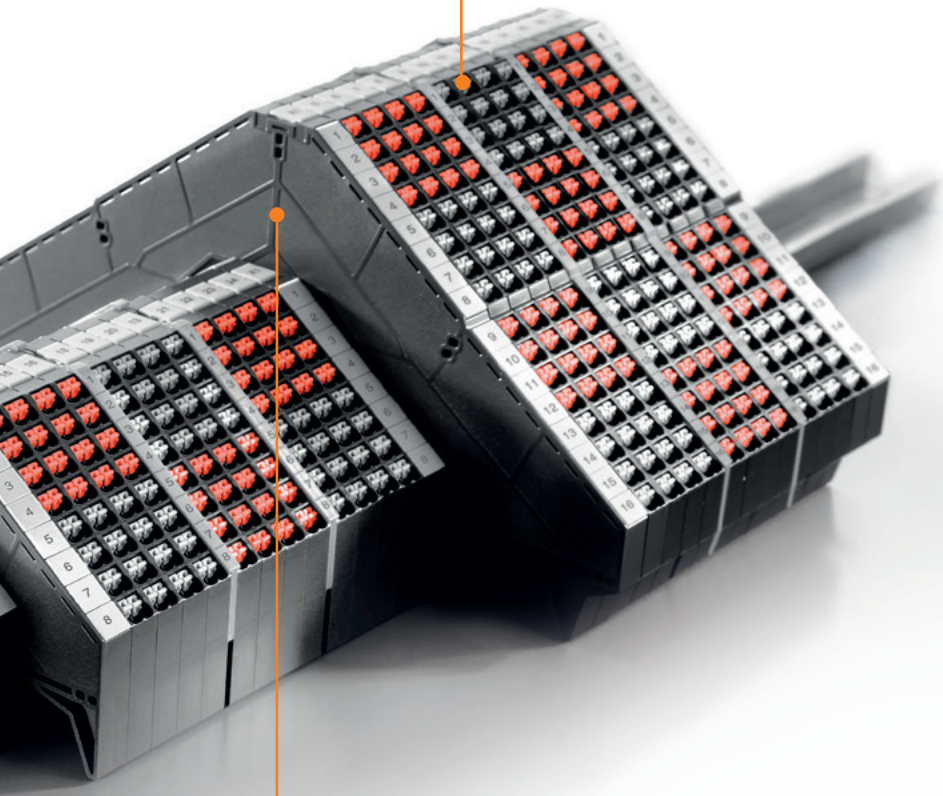


Optimal orientation
Colour coding on the terminals provides for easy assignment of signals and and clarity during extension work or maintenance.



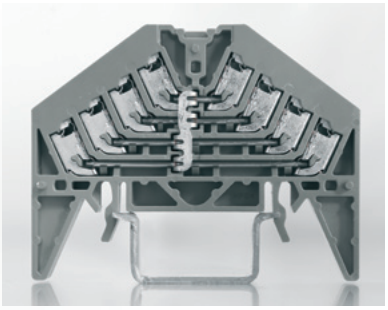
Compact and redundant
The PUSH IN double connection offers redundant connection, taking up minimal space.





Low contact resistance
The busbar's unique V-shape allows for varying expansion of materials and ensures low contact resistances.

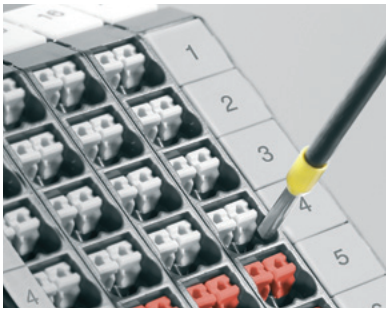
PPV power distribution terminal
For simple and safe potential distribution, the four-level and eight-level marshalling terminals are also available as potential distribution terminals.



PUSH IN

Simple – The stripped wire is simply inserted into the terminal point, and a reliable, vibration proof, gas-tight connection is guaranteed.

Safe – The best designed connection method features high wire extraction forces and vibration resistance.



PRV

PRV 4 RT	1.5 mm²

PRV 4 WS	1.5 mm²

NEW

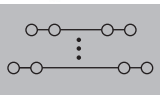
PUSH IN

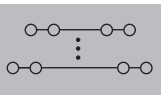
NEW

PUSH IN

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		PRV 4 RT	PRV 4 WS
Width/Length/Height of lowest version	mm	9.2 x 70 x	9.2 x 70 x
max. current / max. cond. cross-section	A/mm²	**13 / 1.5**	**13 / 1.5**
Max. clamping range	mm²	**0.2...1.5**	**0.2...1.5**





Technical data

Rated data		PRV 4 RT	PRV 4 WS
Rated voltage	V	250	250
Rated current	A	10	10
Rated cross-section	mm²	1.5	1.5
Rated impulse withstand voltage / Pollution severity		4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		/ V-0	/ V-0
Approvals		IEC 60947-7-1, DIN EN 60079	IEC 60947-7-1, DIN EN 60079
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	0.2...1.5 / 0.2...1.5	0.2...1.5 / 0.2...1.5
Flexible / Flexible with ferrule	mm²	0.2...1.5 / 0.2...1.5	0.2...1.5 / 0.2...1.5
Twin wire-end ferrule	mm²		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

	IEC	UL	CSA
PRV 4 RT	250	300 (D)	300 (D)
	10	10 (D)	10 (D)
	1.5	AWG 26...16	AWG 26...16
PRV 4 WS	250	300 (D)	300 (D)
	10	10 (D)	10 (D)
	1.5	AWG 26...16	AWG 26...16

Ordering data

Version	PRV 4 RT Type	Qty.	Order No.	PRV 4 WS Type	Qty.	Order No.
Black for TS 35x15	PRV 4 SW 35X15 RT	20	**1173810000**	PRV 4 SW 35X15 WS	20	**1173820000**
Blue for TS 35x15	PRV 4 BL 35X15 RT	20	**1267890000**	PRV 4 BL 35X15 WS	20	**1173920000**
Black for TS 35x7.5	PRV 4 SW 35X7.5 RT	20	**1173830000**	PRV 4 SW 35X7.5 WS	20	**1173840000**
Blue for TS 35x7.5	PRV 4 BL 35X7.5 RT	20	**1267900000**	PRV 4 BL 35X7.5 WS	20	**1173930000**
Note	RT = red actuators			WS = white actuators		

Accessories

	PRV 4 RT Type	Width	Qty.	Order No.	PRV 4 WS Type	Width	Qty.	Order No.
End plate								
black	PAP PRV/PPV4 SW	3 mm	10	**1173750000**	PAP PRV/PPV4 SW	3 mm	10	**1173750000**
blue	PAP PRV/PPV4 BL	3 mm	10	**1268010000**	PAP PRV/PPV4 BL	3 mm	10	**1268010000**
grey	PAP PRV/PPV4 GR	3 mm	10	**1211450000**	PAP PRV/PPV4 GR	3 mm	10	**1211450000**
Marker holder								
Black for TS 35x15	BZT PRV4 SW 35X15	10.2 mm	20	**1173590000**	BZT PRV4 SW 35X15	10.2 mm	20	**1173590000**
Blue for TS 35x15	BZT PRV4 BL 35X15	10.2 mm	20	**1267980000**	BZT PRV4 BL 35X15	10.2 mm	20	**1267980000**
Black for TS 35x7.5	BZT PRV4 SW 35X7.5	10.2 mm	20	**1173600000**	BZT PRV4 SW 35X7.5	10.2 mm	20	**1173600000**
Blue for TS 35x7.5	BZT PRV4 BL 35X7.5	10.2 mm	20	**1267990000**	BZT PRV4 BL 35X7.5	10.2 mm	20	**1267990000**
Partition plate								
Unprinted	TW PRV4	2 mm	10	**1173700000**	TW PRV4	2 mm	10	**1173700000**
Printed 0...3 or 0...7 or 0...15	TW PRV4 0-3	2 mm	10	**1230060000**	TW PRV4 0-3	2 mm	10	**1230060000**
Printed 1...4 or 1...8 or 1...16	TW PRV4 1-4	2 mm	10	**1230050000**	TW PRV4 1-4	2 mm	10	**1230050000**
Printed A...D or A...H or A...P	TW PRV4 A-D	2 mm	10	**1230070000**	TW PRV4 A-D	2 mm	10	**1230070000**
End bracket								
black	ZEW 35/2 SW	8 mm	20	**1162610000**	ZEW 35/2 SW	8 mm	20	**1162610000**
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
Pluggable cross-connection		**current**				**current**		
2-pole	SRC-I QV P		10	**8870840000**	SRC-I QV P		10	**8870840000**

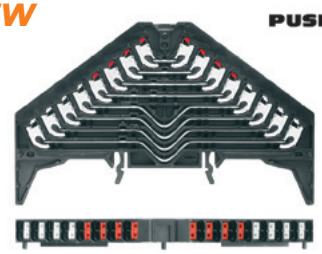
		PRV 4 RT	PRV 4 WS
Identification systems	(see assortment in catalogue 7)		
Marking tags		WS 7.8/9.2	WS 7.8/9.2
Note			

PRV

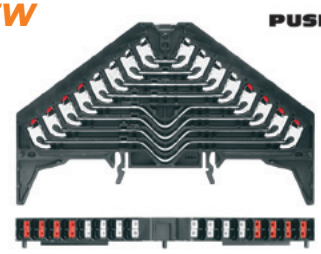
PRV 8 RT/WS	1.5 mm²

PRV 8 WS/RT	1.5 mm²

NEW



NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	9.2 x 120 x	9.2 x 120 x
max. current / max. cond. cross-section	A/mm²	**10 / 1.5**	**10 / 1.5**
Max. clamping range	mm²	**0.2...1.5**	**0.2...1.5**

Technical data

Rated data		PRV 8 RT/WS			PRV 8 WS/RT		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (D)	250	300 (D)	300 (D)
Rated current	A	8	10 (D)	10 (D)	8	10 (D)	10 (D)
Rated cross-section	mm²	1.5	AWG 26...16	AWG 26...16	1.5	AWG 26...16	AWG 26...16
Rated impulse withstand voltage / Pollution severity			4 kV / 3			4 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0			/ V-0	
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.2...1.5 / 0.2...1.5			0.2...1.5 / 0.2...1.5		
Flexible / Flexible with ferrule	mm²	0.2...1.5 / 0.2...1.5			0.2...1.5 / 0.2...1.5		
Twin wire-end ferrule	mm²						
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note							

IEC 60947-7-1

Ordering data

Version	PRV 8 RT/WS Type	Qty.	Order No.	PRV 8 WS/RT Type	Qty.	Order No.
Black for TS 35x15	PRV 8 SW 35X15 RT/WS	20	**1173740000**	PRV 8 SW 35X15 WS/RT	20	**1173780000**
Blue for TS 35x15	PRV 8 BL 35X15 RT/WS	20	**1267830000**	PRV 8 BL 35X15 WS/RT	20	**1173900000**
Black for TS 35x7.5	PRV 8 SW 35X7.5 RT/WS	20	**1173790000**	PRV 8 SW 35X7.5 WS/RT	20	**1173800000**
Blue for TS 35x7.5	PRV 8 BL 35X7.5 RT/WS	20	**1267840000**	PRV 8 BL 35X7.5 WS/RT	20	**1173910000**
Note	RT = red actuators WS = white actuators			RT = red actuators WS = white actuators		

Accessories

	PRV 8 RT/WS Type	Width	Qty.	Order No.	PRV 8 WS/RT Type	Width	Qty.	Order No.
End plate								
black	PAP PRV/PPV8 SW	3 mm	10	**1173720000**	PAP PRV/PPV8 SW	3 mm	10	**1173720000**
blue	PAP PRV/PPV8 BL	3 mm	10	**1268000000**	PAP PRV/PPV8 BL	3 mm	10	**1268000000**
grey	PAP PRV/PPV8 GR	3 mm	10	**1211460000**	PAP PRV/PPV8 GR	3 mm	10	**1211460000**
Marker holder								
Black for TS 35x15	BZT PRV8 SW 35X15	10.2 mm	20	**1173570000**	BZT PRV8 SW 35X15	10.2 mm	20	**1173570000**
Blue for TS 35x15	BZT PRV8 BL 35X15	10.2 mm	20	**1267950000**	BZT PRV8 BL 35X15	10.2 mm	20	**1267950000**
Black for TS 35x7.5	BZT PRV8 SW 35X7.5	10.2 mm	20	**1173580000**	BZT PRV8 SW 35X7.5	10.2 mm	20	**1173580000**
Blue for TS 35x7.5	BZT PRV8 BL 35X7.5	10.2 mm	20	**1267970000**	BZT PRV8 BL 35X7.5	10.2 mm	20	**1267970000**
Partition plate								
Unprinted	TW PRV8	2 mm	10	**1173670000**	TW PRV8	2 mm	10	**1173670000**
Printed 0...3 or 0...7 or 0...15	TW PRV8 0-7	2 mm	10	**1230090000**	TW PRV8 0-7	2 mm	10	**1230090000**
Printed 1...4 or 1...8 or 1...16	TW PRV8 1-8	2 mm	10	**1230080000**	TW PRV8 1-8	2 mm	10	**1230080000**
Printed A...D or A...H or A...P	TW PRV8 A-H	2 mm	10	**1230110000**	TW PRV8 A-H	2 mm	10	**1230110000**
End bracket								
black	ZEW 35/2 SW	8 mm	20	**1162610000**	ZEW 35/2 SW	8 mm	20	**1162610000**
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
Pluggable cross-connection		**current**				**current**		
2-pole	SRC-I QV P		10	**8870840000**	SRC-I QV P		10	**8870840000**

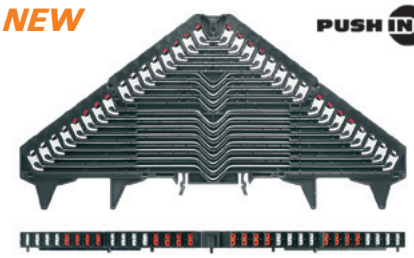
Identification systems	(see assortment in catalogue 7)		
Marking tags		WS 7.8/9.2	WS 7.8/9.2
Note			

PRV

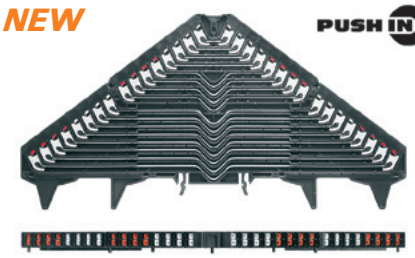
PRV 16 RT/WS	1.5 mm²

PRV 16 WS/RT	1.5 mm²

NEW



NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	9.2 x 225 x	9.2 x 225 x
max. current / max. cond. cross-section	A/mm²	**11 / 1.5**	**11 / 1.5**
Max. clamping range	mm²	**0.2...1.5**	**0.2...1.5**

Technical data

Rated data		IEC 60947-7-1, DIN EN 60079	IEC 60947-7-1, DIN EN 60079
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage	V	250 / 300 (D) / 300 (D)	250 / 300 (D) / 300 (D)
Rated current	A	6 / 1 (D) / 1 (D)	6 / 1 (D) / 1 (D)
Rated cross-section	mm²	1.5 / AWG 26...16 / AWG 26...16	1.5 / AWG 26...16 / AWG 26...16
Rated impulse withstand voltage / Pollution severity		4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		/ V-0	/ V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.2...1.5 / 0.2...1.5	0.2...1.5 / 0.2...1.5
Flexible / Flexible with ferrule	mm²	0.2...1.5 / 0.2...1.5	0.2...1.5 / 0.2...1.5
Twin wire-end ferrule	mm²		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Black for TS 35x15	PRV 16 SW 35X15 RT/WS	20	**1173620000**	PRV 16 SW 35X15 WS/RT	20	**1173650000**
Blue for TS 35x15	PRV 16 BL 35X15 RT/WS	20	**1267790000**	PRV 16 BL 35X15 WS/RT	20	**1267800000**
Black for TS 35x7.5	PRV 16 SW 35X7.5 RT/WS	20	**1173680000**	PRV 16 SW 35X7.5 WS/RT	20	**1173710000**
Blue for TS 35x7.5	PRV 16 BL 35X7.5 RT/WS	20	**1267810000**	PRV 16 BL 35X7.5 WS/RT	20	**1267820000**
Note	RT = red actuators WS = white actuators			RT = red actuators WS = white actuators		

Accessories

End plate	Type	Width	Qty.	Order No.	Type	Width	Qty.	Order No.
black								
blue								
grey								
Marker holder								
Black for TS 35x15	BZT PRV16 SW 35X15	10.2 mm	20	**1173540000**	BZT PRV16 SW 35X15	10.2 mm	20	**1173540000**
Blue for TS 35x15	BZT PRV16 BL 35X15	10.2 mm	20	**1267930000**	BZT PRV16 BL 35X15	10.2 mm	20	**1267930000**
Black for TS 35x7.5	BZT PRV16 SW 35X7.5	10.2 mm	20	**1173550000**	BZT PRV16 SW 35X7.5	10.2 mm	20	**1173550000**
Blue for TS 35x7.5	BZT PRV16 BL 35X7.5	10.2 mm	20	**1267940000**	BZT PRV16 BL 35X7.5	10.2 mm	20	**1267940000**
Partition plate								
Unprinted	TW PRV16	2 mm	10	**1173630000**	TW PRV16	2 mm	10	**1173630000**
Printed 0...3 or 0...7 or 0...15	TW PRV16 0-15	2 mm	10	**1230130000**	TW PRV16 0-15	2 mm	10	**1230130000**
Printed 1...4 or 1...8 or 1...16	TW PRV16 1-16	2 mm	10	**1230120000**	TW PRV16 1-16	2 mm	10	**1230120000**
Printed A...D or A...H or A...P	TW PRV16 A-P	2 mm	10	**1230140000**	TW PRV16 A-P	2 mm	10	**1230140000**
End bracket								
black	WEW 35/1 SW	12 mm	50	**1162600000**	WEW 35/1 SW	12 mm	50	**1162600000**
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
Pluggable cross-connection		**current**				**current**		
2-pole	SRC-I QV P		10	**8870840000**	SRC-I QV P		10	**8870840000**

Identification systems	(see assortment in catalogue 7)		
Marking tags		WS 7.8/9.2	WS 7.8/9.2
Note			

PPV

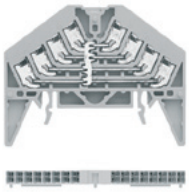
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

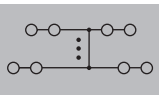
PPV 4 — 1.5 mm²

NEW

PUSH IN



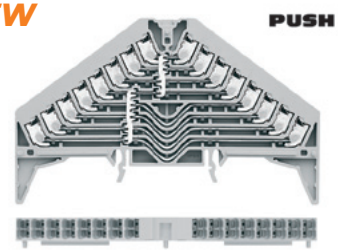
9.2 x 70 x
/ 1.5
0.2...1.5



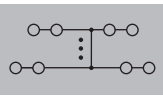
PPV 8 — 1.5 mm²

NEW

PUSH IN



9.2 x 120 x
/ 1.5
0.2...1.5



Technical data

IEC 60947-7-1, DIN EN 60079

Rated data		IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (D)
Rated current	A	17.5	10 (D)	10 (D)
Rated cross-section	mm²	1.5	AWG 26...16	AWG 26...16
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.2...1.5 / 0.2...1.5		
Flexible / Flexible with ferrule	mm²	0.2...1.5 / 0.2...1.5		
Twin wire-end ferrule	mm²			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		
Note				

Rated data		IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (D)
Rated current	A	17.5	10 (D)	10 (D)
Rated cross-section	mm²	1.5	AWG 26...16	AWG 26...16
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.2...1.5 / 0.2...1.5		
Flexible / Flexible with ferrule	mm²	0.2...1.5 / 0.2...1.5		
Twin wire-end ferrule	mm²			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		
Note				

Ordering data

Version	Type	Qty.	Order No.
Blue for TS 35x15	PPV 4 BL 35X15 DGR	20	1267910000
Grey for TS 35x15	PPV 4 GR 35X15 DGR	20	1173880000
Blue for TS 35x7.5	PPV 4 BL 35X7.5 DGR	20	1267920000
Grey for TS 35x7.5	PPV 4 GR 35X7.5 DGR	20	1173890000
Note	DRG = dark grey actuators		

Version	Type	Qty.	Order No.
Blue for TS 35x15	PPV 8 BL 35X15 DGR	20	1267870000
Grey for TS 35x15	PPV 8 GR 35X15 DGR	20	1173850000
Blue for TS 35x7.5	PPV 8 BL 35X7.5 DGR	20	1267880000
Grey for TS 35x7.5	PPV 8 GR 35X7.5 DGR	20	1173870000
Note	DRG = dark grey actuators		

Accessories

	Type	Width	Qty.	Order No.
End plate				
black	PAP PRV/PPV4 SW	3 mm	10	1173750000
blue	PAP PRV/PPV4 BL	3 mm	10	1268010000
grey	PAP PRV/PPV4 GR	3 mm	10	1211450000
Marker holder				
Black for TS 35x15	BZT PRV4 SW 35X15	10.2 mm	20	1173590000
Blue for TS 35x15	BZT PRV4 BL 35X15	10.2 mm	20	1267980000
Black for TS 35x7.5	BZT PRV4 SW 35X7.5	10.2 mm	20	1173600000
Blue for TS 35x7.5	BZT PRV4 BL 35X7.5	10.2 mm	20	1267990000
Partition plate				
Unprinted	TW PRV4	2 mm	10	1173700000
Printed 0...3 or 0...7 or 0...15	TW PRV4 0-3	2 mm	10	1230060000
Printed 1...4 or 1...8 or 1...16	TW PRV4 1-4	2 mm	10	1230050000
Printed A...D or A...H or A...P	TW PRV4 A-D	2 mm	10	1230070000
End bracket				
black	ZEW 35/2 SW	8 mm	20	1162610000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Pluggable cross-connection		**current**		
2-pole	SRC-I QV P		10	8870840000

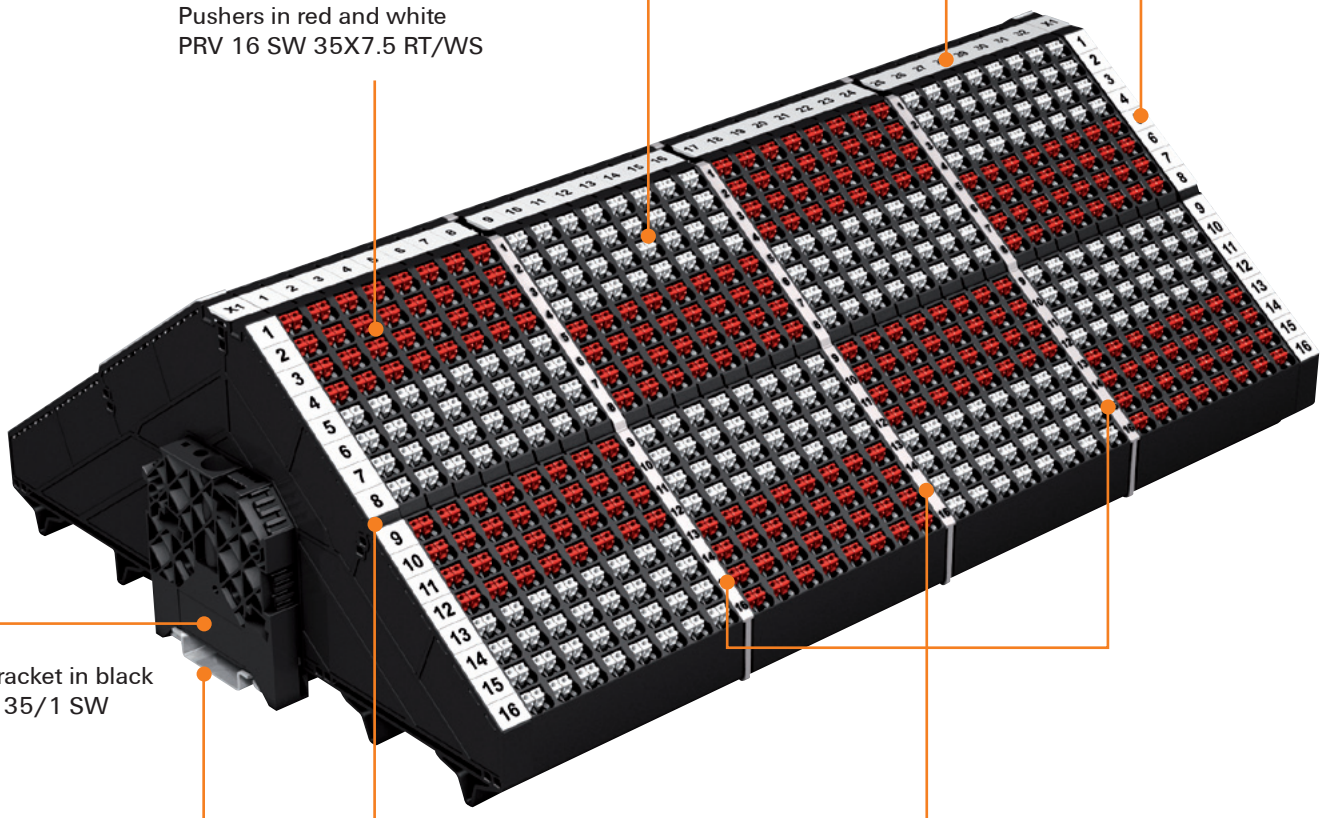
	Type	Width	Qty.	Order No.
End plate				
black	PAP PRV/PPV8 SW	3 mm	10	1173720000
blue	PAP PRV/PPV8 BL	3 mm	10	1268000000
grey	PAP PRV/PPV8 GR	3 mm	10	1211460000
Marker holder				
Black for TS 35x15	BZT PRV8 SW 35X15	10.2 mm	20	1173570000
Blue for TS 35x15	BZT PRV8 BL 35X15	10.2 mm	20	1267950000
Black for TS 35x7.5	BZT PRV8 SW 35X7.5	10.2 mm	20	1173580000
Blue for TS 35x7.5	BZT PRV8 BL 35X7.5	10.2 mm	20	1267970000
Partition plate				
Unprinted	TW PRV8	2 mm	10	1173670000
Printed 0...3 or 0...7 or 0...15	TW PRV8 0-7	2 mm	10	1230090000
Printed 1...4 or 1...8 or 1...16	TW PRV8 1-8	2 mm	10	1230080000
Printed A...D or A...H or A...P	TW PRV8 A-H	2 mm	10	1230110000
End bracket				
black	ZEW 35/2 SW	8 mm	20	1162610000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Pluggable cross-connection		**current**		
2-pole	SRC-I QV P		10	8870840000

Identification systems	(see assortment in catalogue 7)	
Marking tags	WS 7.8/9.2	WS 7.8/9.2
Note		

16 level terminals with
Pushers in white and red
PRV 16 SW 35X7.5 WS/RT

Marker
WS7.8/9.2 PLUS MC GR

16 level terminals with
Pushers in red and white
PRV 16 SW 35X7.5 RT/WS



End bracket in black
WEW 35/1 SW

Mounting rail
Type TS35, 7.5 mm high

Printed partition plate
TW PRV 1-16

Marker carrier BZT PRV 16 SW 35X7.5
Marker WS7.8/9.2 PLUS MC GR

Technical data

Partition plate	Type	Order No.
unprinted	TW PRV4	1173700000
unprinted	TW PRV8	1173670000
unprinted	TW PRV16	1173630000
printed 0...3	TW PRV4 0-3	1230060000
printed 0...7	TW PRV8 0-7	1230090000
printed 0...15	TW PRV16 0-15	1230130000
printed 1...4	TW PRV4 1-4	1230050000
printed 1...8	TW PRV8 1-8	1230080000
printed 1...16	TW PRV16 1-16	1230120000
printed A...D	TW PRV4 A-D	1230070000
printed A...H	TW PRV8 A-H	1230110000
printed A...P	TW PRV16 A-P	1230140000

Extra functions

Introduction

The accessories for our other ranges of modular terminals can also be used with the P-Series in order to reduce the number of variations. The use of accessories enables users to adapt and mould the terminals, to perfectly match the needs of their application.
All Weidmüller accessories are built to the same high-quality standards as the terminals themselves.

Retaining and end plates

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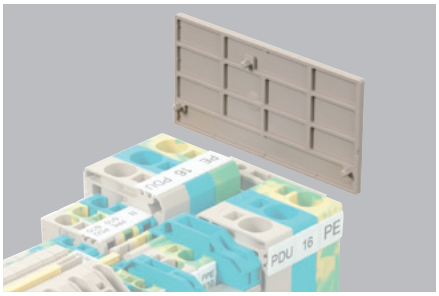
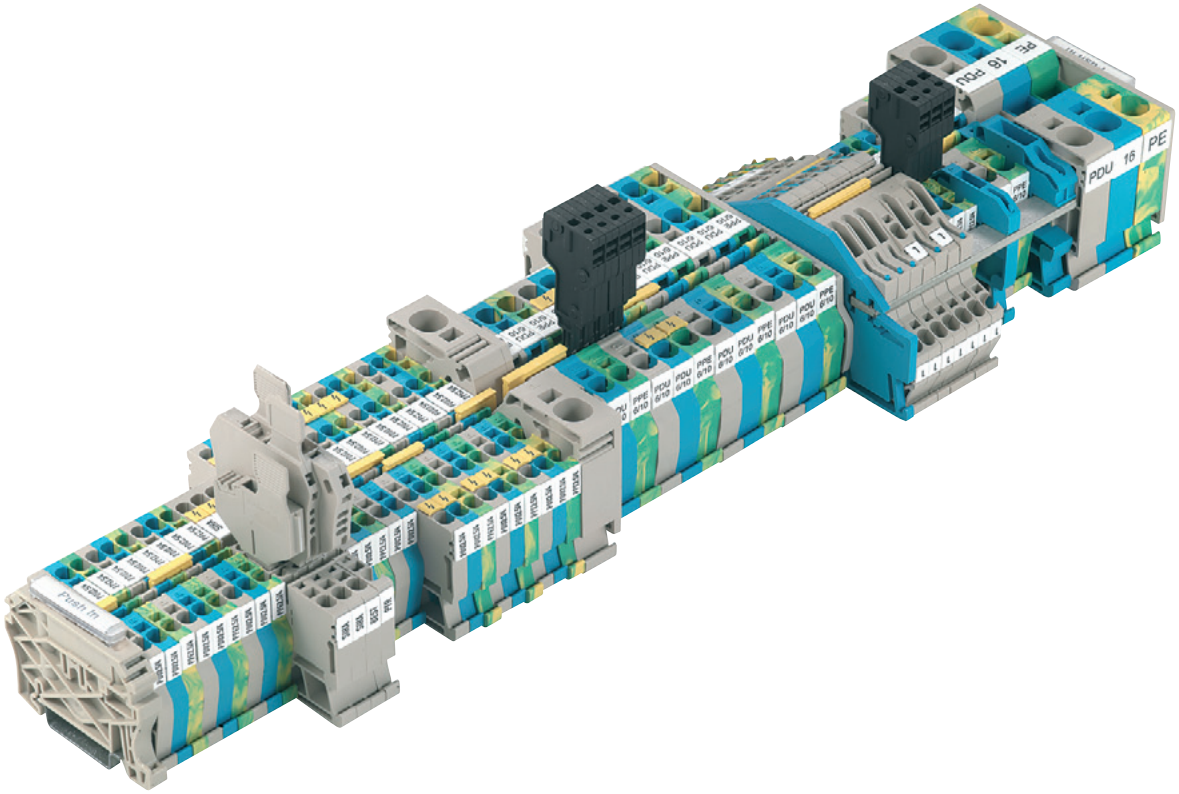
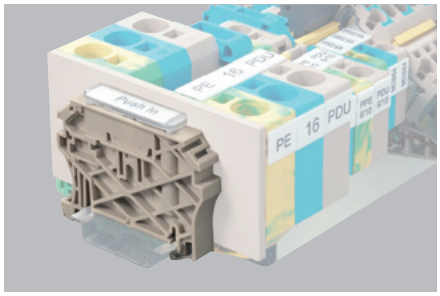


End plates cover the open side of the terminals. This ensures touch protection for fingers and hands. Retaining plates, which for the P-Series also function as end plates, must be positioned every 200 mm when using the 10 x 3 busbar.



Fastening

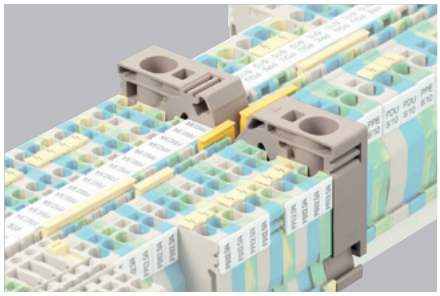
Chapter F



An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter F**.

Electrical supply

Page B.47



There are three options for supplying power to the Weidmüller PUSH IN modular terminals: the **PEI 16** supply terminals, the PDU 6/10 or the PDU 2.5/4 feed-through terminal.
The input current is split into several output currents by means of cross-connections.
A 16 mm^2 conductor carries the incoming supply, which is distributed to the neighbouring terminals with cross-sections from 0.5 to 10 mm^2.

Electrical distribution

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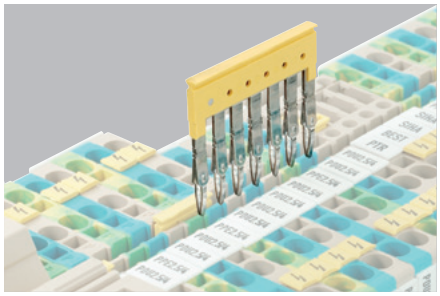
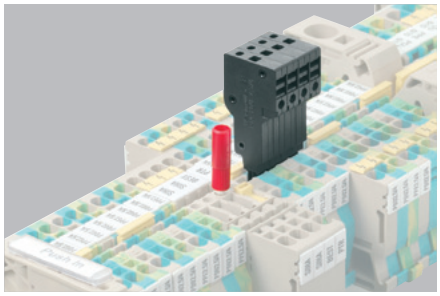


A pluggable **cross-connection system (ZQV)** is available for all P-Series terminals.
The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be transmitted across the cross-section, depending on the rated voltage of the terminal.

Testing / checking

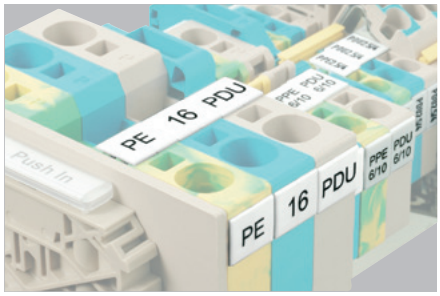
Page B.50



The plug-in **test adapter (PTA)** is used as a single unit and as a test adapter strip for voltage measurement in control cabinets. The test adapter is ideal for convenient testing of assembled terminals.
It is simply clipped into the cross-connection channel of the terminal. This ensures that it makes contact with the busbar carrying the current.

Marking

Page B.50



Weidmüller's identification systems in **chapter F** are used to mark PUSH IN technology terminals. Individual terminals, groups of terminals and cables or conductors can be marked. Marker strips are available for every size of terminal, which means that several terminals can be marked together.

Connecting

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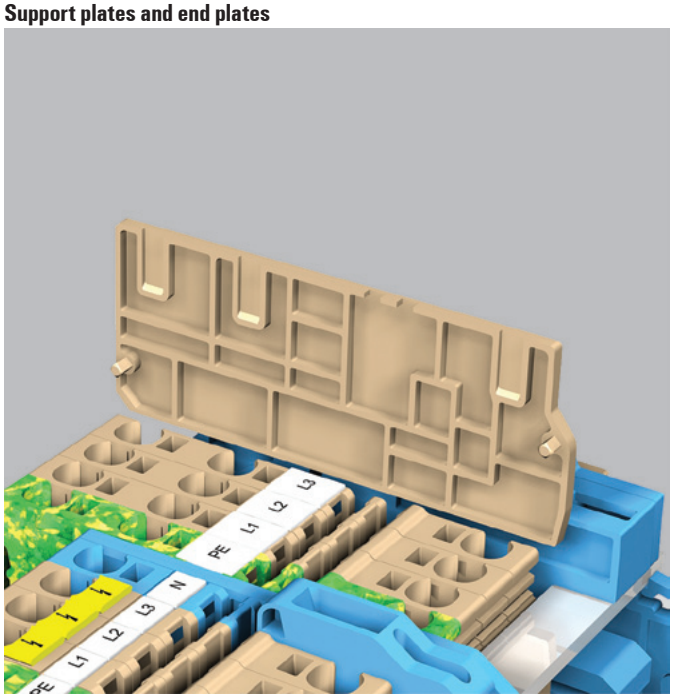
The PUSH IN connection saves time and requires solid single-core wires or wire-end ferrules. Ferrules have well-established installation advantages. In addition, they guarantee an electrical connection of permanent and consistent quality. By using twin ferrules, it is possible to connect two wires in one terminal point.

Support plates and end plates



Touch-safe protection

With only a few exceptions, the last terminal in a terminal strip must be closed off with a PAP-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures the touch-safe requirement is met for live voltage components. The terminals have touch protection.

Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used, for example, when cross-connections are used side-by-side.

Contour matching

The outer dimensions of the end plates match the external dimensions of the associated terminal.

Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours.

Ordering data

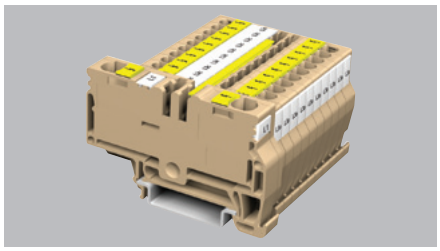
Type	Colour	Qty.	Order No.	For terminal:
Width 3 mm				
PAP PRV/PPV8 SW	black	10	**1173720000**	PRV 8
PAP PRV/PPV8 GR	grey	10	**1211460000**	PPV 8
Width 3 mm				
PAP PRV/PPV4 SW	black	10	**1173750000**	PRV 4
PAP PRV/PPV4 GR	grey	10	**1211450000**	PPV 4
PAP PRV/PPV4 BL	blue	10	**1268010000**	
Width 3 mm				
PAP 2.5/4	dark beige	50	**1896300000**	PDU 2.5/4
PAP 2.5/4 BL	blue	50	**1049210000**	PDU 2.5/4 BL
				PNT 2.5/4
				PPE 2.5/4
Width 3 mm				
PAP 2.5/4/3AN	dark beige	50	**1896480000**	PDU 2.5/4 3AN
PAP 2.5/4/3AN BL	blue	50	**1052300000**	PDU 2.5/4 3AN BL
				PPE 2.5/4 3AN
Width 3 mm				
PAP 2.5/4/4AN	dark beige	50	**1896320000**	PDU 2.5/4 2x2
PAP 2.5/4/4AN BL	blue	50	**1052290000**	PDU 2.5/4 4AN
				PDU 2.5/4 4AN BL
				PPE 2.5/4 4AN
Width 2.7 mm				
PAP PDU16S	dark beige	10	**1139910000**	PDU 16S
				PPE 16S
Width 1 mm				
PAP PMAK 4	dark beige	20	**1221360000**	PMAK 4
Width 3 mm				
PAP 16	dark beige	10	**1896290000**	PDU 16
				PDU 16 BL
				PPE 16
Width 3 mm				
PAP PDU6/10	dark beige	20	**1896330000**	PDU 6/10
PAP PDU6/10 BL	blue	50	**1049200000**	PDU 6/10 BL
				PPE 6/10
				PPE 6/10 3AN
Width 3 mm				
PAP PDU6/10/3AN	dark beige	20	**1896340000**	PDU 6/10 3AN
				PDU 6/10 3AN BL
Width 3 mm				
PAP PTR2.5/4	dark beige	20	**1934680000**	PTR2.5/4
				PTR 2.5/4 O TNHE
Width 3 mm				
PAP PTR2.5/4/3AN	dark beige	20	**1934690000**	PTR 2.5/4 3AN
				PTR 2.5/4 3AN O TNHE
Width 3 mm				
PAP PTR2.5/4/4AN	dark beige	20	**1934700000**	PTR 2.5/4 4AN
				PTR 2.5/4 4AN O TNHE
Width 3 mm				
PAP PDK 2.5/4	dark beige	20	**1919720000**	PDK 2.5/4
				PDK 2.5/4 BL
				PDK 2.5/4 PE
				PDK 2.5/4L-PE
				PDK 2.5/4N-L
				PDK 2.5/4V
				PDK 2.5/4V BL
Width 3 mm				
PAP PDL4	dark beige	20	**1883210000**	PDL 4 L/L
				PDL 4 L/L/PE
				PDL 4 N/L/PE
				PDL 4 NT/L
				PDL 4 NT/L/PE
				PDL 4/TR/DU/PE
				PDL 4/TR/DU
				PDL 4/TR/DU O TNHE
				PDL 4/TR/DU/PE O TNHE
Width 3 mm				
PAP PDL4S	dark beige	20	**1837070000**	PDL4 S/NT/L/PE
				PDL4 S/L/L
				PDL 4 S/L
				PDL4 S/N/L/PE
				PDL 4 S/N/L
				PDL 4 S/N
				PDL4 S/L/L/PE
Width 3 mm				
PHP PNT 2.5/4	blue	20	**1896390000**	PNT 2.5/4
PHP PNT 2.5/4 SO*	blue	20	**1916790000**	
Width 3 mm				
PHP PNT 6/10	blue	10	**1896100000**	PNT 6/10
PHP PNT 6/10 SO*	blue	10	**1919710000**	
Width 3 mm				
PHP PNT16	blue	10	**1896380000**	PNT 16
PHP PNT16 SO*	blue	10	**1919690000**	
Width 3 mm				
PAP PTL/PSI 6/10	dark beige	20	**1165320000**	PSI 6/10
PAP PTL/PSI 6/10 SW	black	20	**1165330000**	PTL 6/10
				PTD 6/10

*) For a vertical installation position

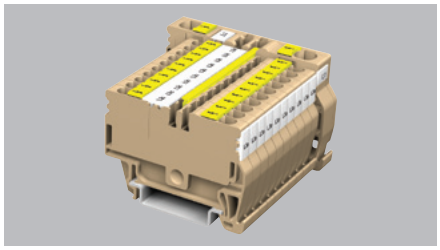
Feeding with standard terminals

Using standard terminals for the supply is ideal because the feed-through terminals of the P-Series exhibit a very wide clamping range.

Left-hand feed



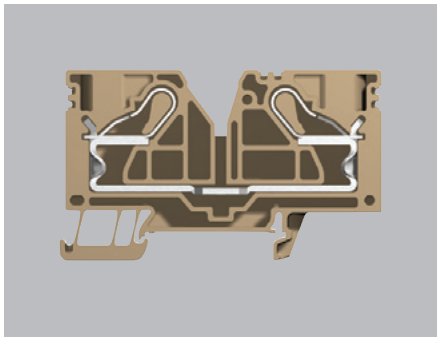
Right-hand feed



Feed options and cross-connections to be used

Feed terminal	Output terminal	Cross-connection	Left-hand feed	Right-hand feed
PDU 2.5/4	PDU 2.5/4	ZQV 2.5/...	•	•
	PDU 2.5/4/3AN	ZQV 2.5/...	•	
	PDU 2.5/4/4AN	ZQV 2.5/...	•	
	PTR 2.5/4	ZQV 2.5/...	•	
PDU 2.5/4/3AN	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/3AN	ZQV 2.5/...	•	•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	
PDU 2.5/4/4AN	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/3AN	ZQV 2.5/...		•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	•
PTR 2.5/4	PDK 2.5/4	ZQV 2.5/...	•	
PDU 6/10	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	
	PDU 6/10	ZQV 6N/...	•	•
	PDU 6/10/3AN	ZQV 6N/...	•	
	PTR 2.5/4	ZQV 2.5/...		•
PDU 6/10/3AN	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/3AN	ZQV 2.5/...		•
	PDU 6/10	ZQV 6N/...	•	
	PDU 6/10/3AN	ZQV 6N/...	•	•
	PTR 2.5/4	ZQV 2.5/...		•

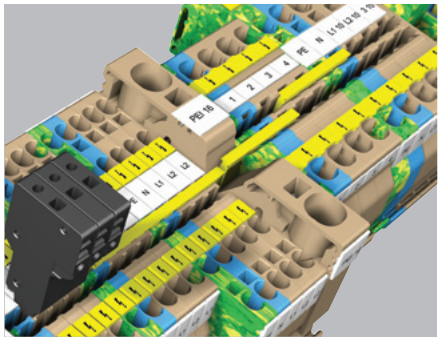
Feed terminal PEI 16



A supply cable with a cross-section of up to 25 mm² is possible with the PEI 16 feed terminal. Standard cross-connections are used to distribute the current to any number of terminals with a smaller cross-section.

The table on the right shows a number of variations for distributing the current with the cross-connection specified.

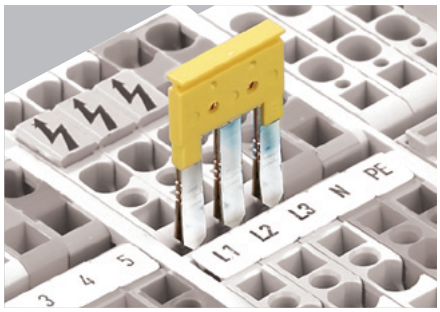
Output possible on left and right



Output options and cross-connections to be used

Feed terminal	Output terminal	Cross-connection	Left-hand feed	Right-hand feed
PEI 16	PDU 2.5/4	ZQV 2.5/...	•	•
	PDU 2.5/4/3AN	ZQV 2.5/...	•	•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	•
	PTR 2.5/4	ZQV 2.5/...		•
	PDU 6/10	ZQV 6N...	•	•
	PDU 6/10 3AN	ZQV 6N...	•	•

Plug-in cross-connection ZQV



The time-saving, easy-to-use cross-connection combs for terminals, featuring PUSH IN technology.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV2.5/20 – continuous (20-pole)
- **ZQV 6/N** as 2- to 4-pole combs and ZQV6N/20 – continuous (24-pole)
- **ZQV 16/2** as 2-pole comb (link)

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections. This does not apply to terminals with a rated voltage below 400 V. Here the rated voltage of the used terminal is mandatory.

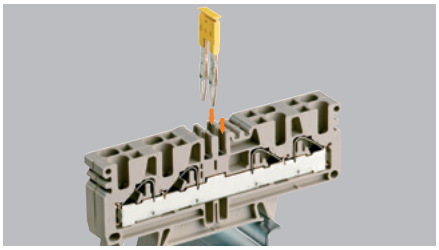
Breaking out contact elements

If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.

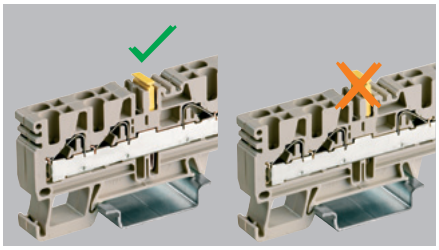
Fitting and changing cross-connections

The fitting and changing of cross-connections is a trouble-free and fast operation:

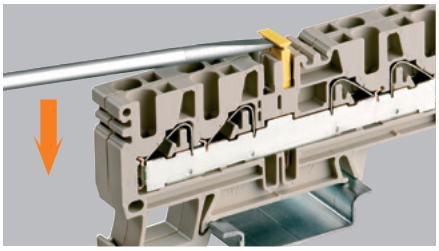
– Insert the cross-connection into the cross-connection channel in the terminal...



... and press it fully home. (The cross-connection may not project from the channel.)



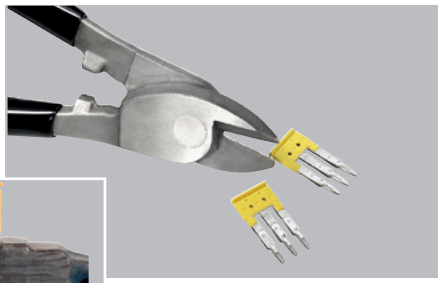
– Remove a cross-connection by simply prising it out with a screwdriver.



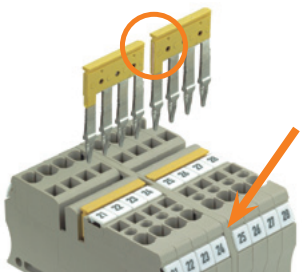
Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.

Caution:
Contact elements must not be deformed!

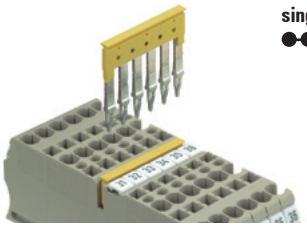


If the user shortens the cross-connections it is necessary to use end plates with the terminals in order to maintain the rated voltage of 250 V (at the bare, cut edges of the cross-connection).

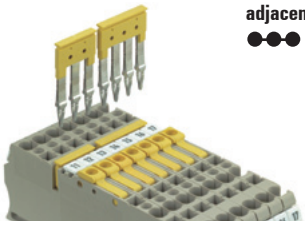


Possible combinations

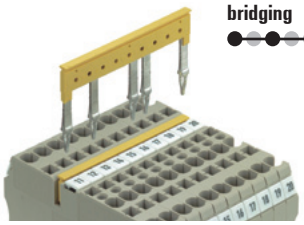
In one cross-connection channel



single

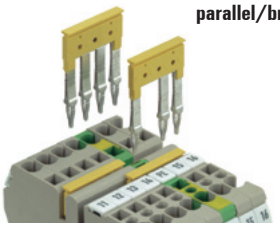


adjacent

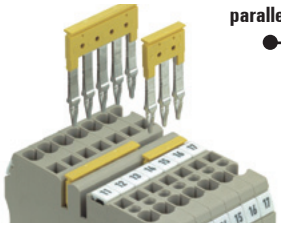


bridging

In two cross-connection channels



parallel/bridging



parallel lengthening / chain bridge

Possible cross-connections of terminals of the same type with corresponding cross-connectors

Terminal type Standard terminals	Cross-connection	single	adjacent	bridging	parallel bridging	chain bridge parallel/lengthening
PDU 2.5/4	ZQV 2.5/...	•	•	•	•	•
PDU 2.5/4/3AN	ZQV 2.5/...	•	•	•	•	•
PDU 2.5/4/4AN	ZQV 2.5/...	•	•	•	•	•
PDU 6/10	ZQV 6N/...	•	•	•	•	•
PDU 6/10/3AN	ZQV 6N/...	•	•	•	•	•
PDU 16	ZQV 16/2	•	•			•

The ZQV 2.5/20 cross-connector allows you to easily and separately connect up to 20 terminals with each other.
The electrician can cut off the required amount of contact elements from the continuous 20-pole cross-connection comb.

ZQV 2.5

Technical data	
Rated current	A
24 / 24	

Ordering data	Type	Qty.	Order No.
2-pole	ZQV 2.5/2	60	1608860000
3-pole	ZQV 2.5/3	60	1608870000
4-pole	ZQV 2.5/4	60	1608880000
5-pole	ZQV 2.5/5	20	1608890000
6-pole	ZQV 2.5/6	20	1608900000
7-pole	ZQV 2.5/7	20	1608910000
8-pole	ZQV 2.5/8	20	1608920000
9-pole	ZQV 2.5/9	20	1608930000
10-pole	ZQV 2.5/10	20	1608940000
20-pole	ZQV 2.5/20	20	1908960000

For terminal:

PDL 4 ...
PDL 4S ...
PDU 2.5/4 ...
PDIC 2.5/4

ZQV 6 N

57

Type	Qty.	Order No.
ZQV 6N/2	60	1906210000
ZQV 6N/3	60	1906220000
ZQV 6N/4	60	1906230000
ZQV 6N/20	20	1906240000

For terminal:

PDU 6/10
PDU 6/10 3AN
PNT 6/10

ZQV 16/2

76 / 76

Type	Qty.	Order No.
ZQV 16/2	25	1739690000

For terminal:

PDU 16

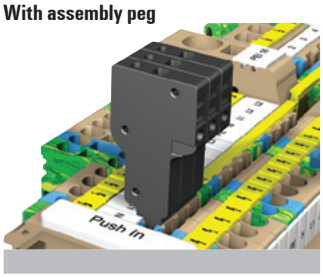
Test adapter

The clip-on test adapter PTA is used as a single thin element and as a test adapter strip for voltage measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Clamped conductors (H05V/H07V)	
solid / stranded	mm²
flexible / flexible with ferrule	mm²
Ordering data	
	1-pole
	With snap-in pegs

PTA

With assembly peg



5.1 / 20 / 59	
6	
250	
17.5	
1.5	
0.5…1.5	
0.5…1.5 / 0.5…1.5	

Type	Qty.	Order No.
PTA PDU2.5/4	25	1916180000
PTA ZA PDU2.5/4	25	1916190000

For terminal:

PDU 2.5/4

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point.
Packaged in sets of 100 x 10-pole strips

Technical data	
Product type	
Ordering data	
	For conductor 0.5 mm², grey
	For conductor 1 mm², dark grey

PRH 2.5/4

Reducing sleeves

Reducing sleeve

Type	Qty.	Order No.
PRH 2.5/4/1	100	1916410000
PRH 2.5/4/2	100	1916400000

For terminal:

PDU 2.5/4
PDK 2.5/4

Cover

The VDE standards call for power connection terminals to be covered.
For this purpose, Weidmüller can supply yellow warning PAD covers with the "lightning flash" symbol.
The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

Technical data	
Product type	
Ordering data	
	Terminal width, 5.1 mm
	Terminal width, 8 mm
	Terminal width, 12 mm

PAD

end plate and intermediate plate

Type	Qty.	Order No.
PAD 2.5/4/4	80	1916150000
PAD 6/10/4	80	1916160000
PAD 16/4	80	1916170000

For terminal:

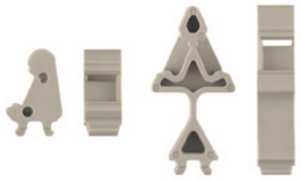
PDU 2.5/4 ...
PTR 2.5/4 ...
PDK 2.5/4 ...
PDU 6/10 ...
PDU 16 ...

Label

The **BZT** marking tags enable you to label the middle of the marking channel with the **WS 10/5** tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

Technical data	
Product type	
Ordering data	
	One-sided, without peg
	One-sided, with peg
	Two-sided without pin
	Two-sided, with pin

BZT 1/BZT 2



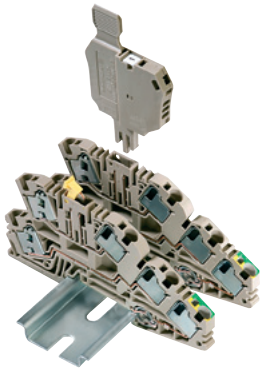
Marker holder

Type	Qty.	Order No.
BZT 1 WS 10/5	100	1805490000
BZT 1 ZA WS 10/5	100	1805520000
BZT 2 WS 10/5	100	1805480000
BZT 2 ZA WS 10/5	100	1805530000

For terminal:

PDK 2.5/4 ...
PDL 4 ...

SIHA fuse holder



For 5 x 20 G-fuse cartridges
The SIHA fuse holder converts a simple terminal into a fuse terminal in next to no time.

Simply remove the disconnect lever and insert the fuse plug.

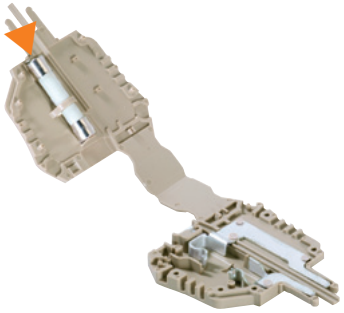
Better: order the PDL 4... OTNHE and insert the SIHA immediately.

- Simple handling without tools
- Housing made of Wemid (V0)
- Rated current 6.3 A
- Even fits on 5 mm wide terminals when fitted in offset arrangement

- Identification position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20

1. Open fuse holder with fingers or screwdriver.

2. Press out old fuse.



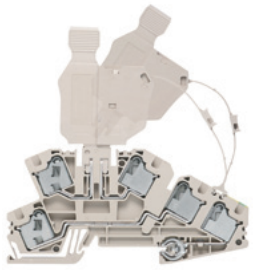
3. Position new fuse.

4. Press fuse holder together again with fingers or screwdriver.

SIHA 3

	Qty.	Order No.
without LED		
SIHA3/G20		
400 V	1	**7921560000**
with LED (red)		
SIHA3/G20		
10 - 36 V	1	**7921570000**
35 - 70 V	1	**7921580000**
60 - 150 V	1	**7921590000**
140 - 250 V	1	**7921600000**
For test-disconnect terminals versions		
PTR 2.5/4...		
PDL 4 TR/...		

SIHA STRAP



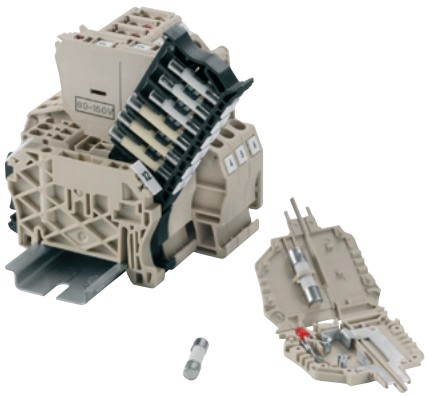
	Qty.	Order No.
with strap		
SIHA STRAP		
	20	**9537680000**

Connector for retro-fit assembly
- Receptacle in the terminal is the identification position
- Integrated identification position on the strap
- Slots into fuse holder either on the left or on the right

Applications with PTR 2.5/4..., PDL 4 TR/... and SIHA 3

		Short-circuit protection		Overload and short-circuit protection	
		Nom. value		Nom. value	
		Power loss	Rated current	Power loss	Rated current
PTR 2.5/4...	Single	4.0 W	6.3 A	1.6 W	6.3 A
	Group	1.6 W	6.3 A		
PDL 4 TR/...	Single	1.6 W	6.3 A	1.6 W	6.3 A
und SIHA 3	Group	1.6 W	6.3 A		

Fuse carrier ZST 1



The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available for use during servicing work.

ZST 1

Dimensions		
Width / Length / Height	mm	8 / 62 / 40

Ordering data

Type	Qty.	Order No.
ZST 1	25	1269070000

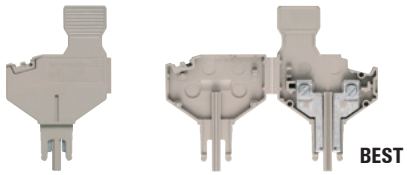
Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the "disconnecting products" of the W-, Z-, I- and P-Series.

Component plug (up to 250 V)

can be reversed



BEST

Ordering data

Type	Fitted with...	Qty.	Order No.
BEST	-	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000
For terminal type			
PTR 2.5/4...			
PDL 4 TR/...			

Isolating plug

Isolating plug

Ordering data

Type	Colour	Qty.	Order No.
TNST	yellow Wemid	25	1833090000
For terminal type			
PTR 2.5/4...			
PDL 4 TR/...			

Crimp-Set PZ 6 roto PUSH IN

Assembly

Article description	Type	Qty.
Crimping tools for wire end ferrules 0.14 to 6 mm²	PZ 6 Roto	1
Stripping tool for up to 6 mm²	STRIPAX	1
Wire end ferrule with plastic collar, Colour grey	H 4.0/20 DS GR	500
Wire end ferrule with plastic collar, Colour orange	H0.5/16 OR	500
Wire end ferrule with plastic collar, Colour white	H0.75/18 W	500
Wire end ferrule with plastic collar, Colour yellow	H1.0/18 GE	500
Wire end ferrule with plastic collar, Colour black	H1.5/18D SW	500
Wire end ferrule with plastic collar, Colour blue	H2.5/18D BL	500
Wire end ferrule with plastic collar, Colour black	H6.0/20 SW	100

Technical data

Length x Width x Height	340/270/60 mm
Weight	1760 g

Ordering data

Type	Colour code	Order No.
CRIMP-SET PZ 6 ROTO	PI Weidmüller	**9028680000**

Crimp-Set PZ 16 PUSH IN

Assembly

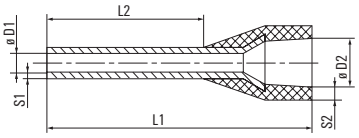
Article description	Type	Qty.
Crimping tools for wire end ferrules 6 to 16 mm²	PZ 16	1
Stripping tool for up to 6 mm²	STRIPAX	1
Wire end ferrule with plastic collar, Colour ivory	H 10.0/22 S EB	100
Wire end ferrule with plastic collar, Colour black	H6.0/20 SW	100
Wire end ferrule with plastic collar, Colour ivory	H10.0/22 EB	100
Wire end ferrule with plastic collar, Colour green	H16.0/24 GN	100

Technical data

Length x Width x Height	340/270/60 mm
Weight	1725 g

Ordering data

Type	Colour code	Order No.
CRIMP-SET PZ 16	Weidmüller	**9025850000**



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from non-flammable material on request

For conductors of size 0.14-150 mm2 (AWG 26-300MCM)
Material: E-Cu, tin galvanised
Dimensional tolerance acc. to DIN 46228 sect. 4

Weidmüller colour code

packed loose

Ordering data

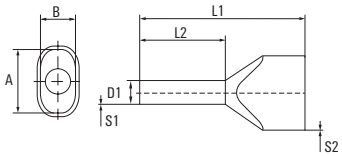
Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.25/12	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	light blue	500	**9025760000**
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	0.15	0.25	10.0	turquoise	500	**9025770000**
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	orange	500	**0690700000**
H0.5/16	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	orange	500	**9025870000**
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	white	500	**0462900000**
H0.75/16	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	white	500	**9025860000**
H0.75/18	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	white	500	**9025910000**
H1.0/14	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	yellow	500	**0463000000**
H1.0/16	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	yellow	500	**9025950000**
H1.0/18	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	yellow	500	**9025930000**
H1.5/14	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	red	500	**0463100000**
H1.5/16	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	red	500	**0635100000**
H2.5/14D	2.50	14	14.0	8.0	2.2	4.2	0.15	0.25	10.0	blue	500	**9019160000**
H2.5/18D	2.50	14	18.0	12.0	2.2	4.2	0.15	0.25	14.0	blue	500	**9019170000**
H4.0/20 DS	4.00	12	20.0	12.0	2.8	4.8	0.2	0.3	15.0	grey	500	**9203630000**
H6.0/20	6.00	10	20.0	12.0	3.5	6.3	0.2	0.3	14.0	black	100	**0533500000**
H 10.0/22 S	10.00	7	22.0	12.0	4.6	7.1	0.2	0.4	14.0	ivory	100	**9203620000**
H16.0/24	16.00	6	24.0	12.0	5.8	8.8	0.2	0.4	15.0	green	100	**0565900000**

Weidmüller colour code

in multi-pack bag

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.14/12	0.14	26	12.0	8.0	0.6	1.5	0.15	0.25	10.0	grey	500	**9028240000**
H0.25/12	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	light blue	500	**9025780000**
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	0.15	0.25	10.0	turquoise	500	**9025790000**
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	orange	500	**9026060000**
H0.5/16	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	orange	500	**9028270000**
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	white	500	**9026070000**
H0.75/16	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	white	500	**9028290000**
H0.75/18	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	white	500	**9028300000**
H1.0/16	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	yellow	500	**9028320000**
H1.0/18	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	yellow	500	**9028340000**
H1.5/16	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	red	500	**9028350000**



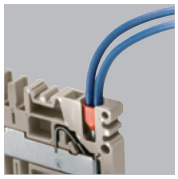
- EPolypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from non-flammable material on request

For conductors each at 2 x 0.5 – 2 x 16 mm2 (2 x AWG 20 – 2 x AWG 6)
Material: E-Cu, tin galvanised
Dimensional tolerance acc. to DIN 46228 sect. 4

Weidmüller colour code

packed loose

Type
PDU, PPE, PDK, PTR



Ordering data

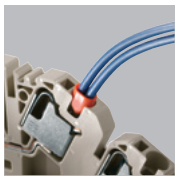
Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15	0.50	20	15.0	8.0	1.4		0.15	0.3	11.0	orange	500	9037200000
H0.5/16.5	0.50	20	16.0	10.0	1.4		0.15	0.3	13.0	orange	500	9037210000
H0.5/18.5	0.50	20	19.0	12.0	1.4		0.15	0.3	15.0	orange	500	9037220000
*H0.75/15	0.75	18	15.0	8.0	1.7		0.15	0.3	11.0	white	500	9037230000
*H0.75/17	0.75	18	17.0	10.0	1.7		0.15	0.3	13.0	white	500	9037240000
*H0.75/19S	0.75	18	19.0	12.0	1.4		0.15	0.3	21.0	white	500	9202820000
*H0.75/24.5	0.75	18	24.0	18.0	1.7		0.15	0.3	21.0	white	500	9037250000
*H1.0/25.6	1.00	17	25.0	18.0	2.0		0.15	0.3	22.0	yellow	500	9037280000
*H1.5/25.6	1.50	16	26.0	18.0	2.2		0.15	0.3	21.0	red	100	9037310000
**H2.5/26.5D	2.50	14	27.0	18.0	2.8		0.15	0.4	21.0	blue	100	9037520000

Note: * Voltage reduced to 320 V ** Voltage reduced to 160 V

Weidmüller colour code

packed loose

Type
PDL DU/PE

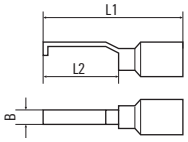


Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15	0.50	20	15.0	8.0	1.4		0.15	0.3	11.0	orange	500	9037200000
H0.5/16.5	0.50	20	16.0	10.0	1.4		0.15	0.3	13.0	orange	500	9037210000
H0.5/18.5	0.50	20	19.0	12.0	1.4		0.15	0.3	15.0	orange	500	9037220000
H0.75/15	0.75	18	15.0	8.0	1.7		0.15	0.3	11.0	white	500	9037230000
H0.75/17	0.75	18	17.0	10.0	1.7		0.15	0.3	13.0	white	500	9037240000
H0.75/19S	0.75	18	19.0	12.0	1.4		0.15	0.3	21.0	white	500	9202820000
H0.75/24.5	0.75	18	24.0	18.0	1.7		0.15	0.3	21.0	white	500	9037250000
H1.0/25.6	1.00	17	25.0	18.0	2.0		0.15	0.3	22.0	yellow	500	9037280000
H1.5/25.6	1.50	16	26.0	18.0	2.2		0.15	0.3	21.0	red	100	9037310000
H2.5/26.5D	2.50	14	27.0	18.0	2.8		0.15	0.4	21.0	blue	100	9037520000

Hook-type cable connector

according to ESI 50-18 part 2



Ordering data

Type	ø mm²	Colour	L1	L2	L3	Qty.	Order No.
HB 1-17	0.25 - 1.5	●	27.2	16.75	4.6	100	9036290000
HB 1-13	1.0 - 2.5	●	27.2	16.75	3.0	100	9036300000

Terminals, Z-Series

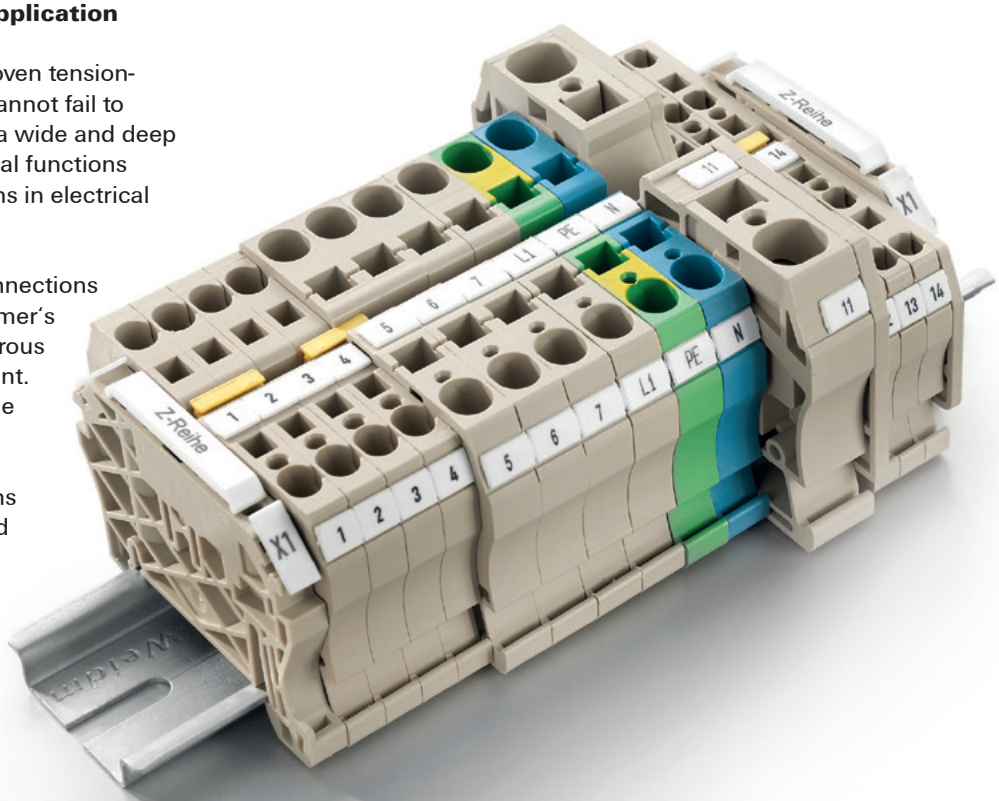
Terminals, Z-Series	Overview Z-Series	C.2
	Feed-through terminals	C.4
	Double- / Multi-level terminals	C.20
	Motor-connect terminal blocks	C.34
	PE terminals	C.36
	Fuse terminals	C.54
	Test-disconnect terminals	C.66
	Earth wire disconnect terminal blocks	C.71
	Installation terminals	C.72
	Overview WeiCoS	C.80
	Pluggable standard terminals WeiCoS	C.82
	Overview initiator and actuator terminals	C.108
	Initiator and actuator terminals	C.110
	Overview mini terminals	C.112
	Mini terminals	C.114
	Terminals with electronic components	C.120
	Accessories Z-Series	C.128

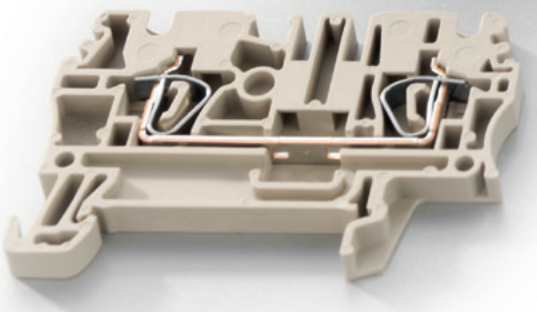
A broad line of terminal block products with tension-clamp wire connection

A proven solution for every application

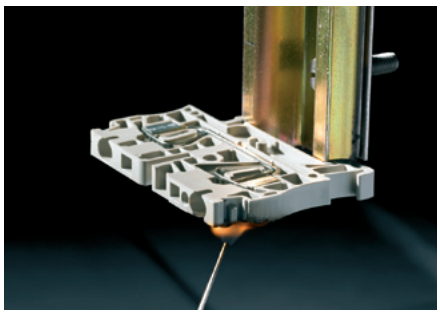
The terminal blocks with their proven tension-clamp wire connection system, cannot fail to impress, with their small design, a wide and deep product range and many additional functions and accessories for all applications in electrical cabinet construction.

Terminals with tension-clamp connections are tailored specially to the customer's requirements: small design, generous marking areas, integrated test point. The Z-series terminals have a large clamping range and up to two cross-connection channels. Plug-in standard cross-connections enable potentials to be distributed over any number of terminals.

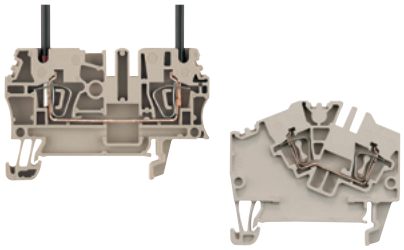




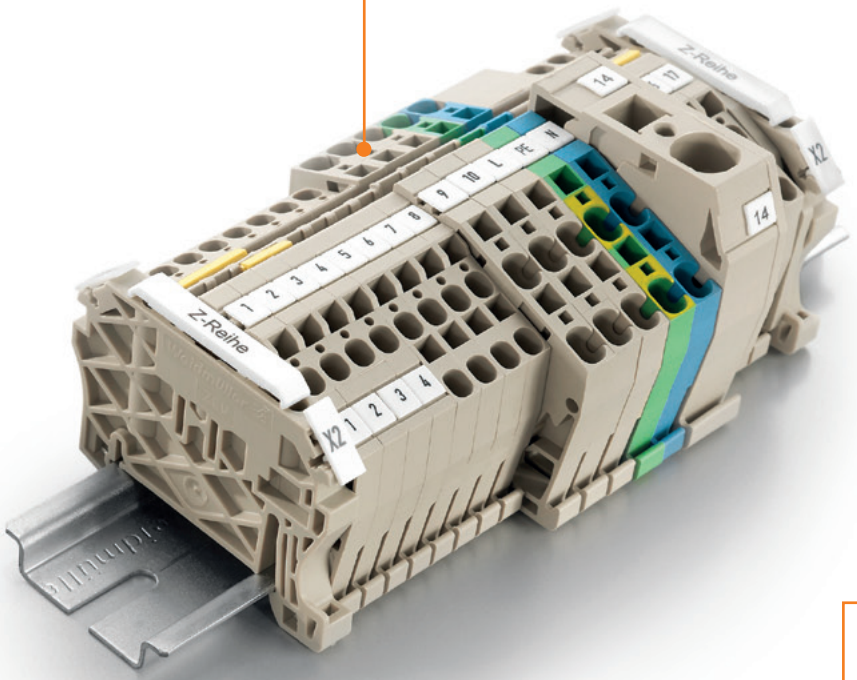
Wemid insulating material
- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- High UL94 flammability class V0
- Contains no halogen or phosphorous

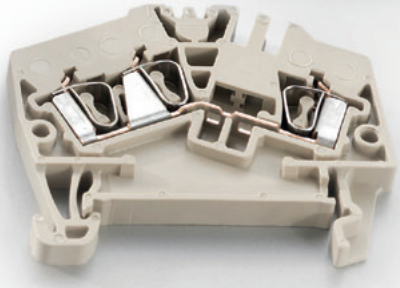


Designs
Z-Standard with wire cross sections from 0.05 to 35 mm² and TOP entry wire insertion parallel to the screwdriver actuators. Z-Roof with wire cross sections from 0.13 to 16 mm², dimensions reduced by up to 36 % and oblique operation direction.

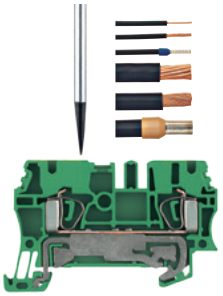


Safe, thanks to the clarity
Easy to use thanks to the large clamping space for the wire connections from 0.08 to 35 mm², only one wire can be connected in each clamping unit.

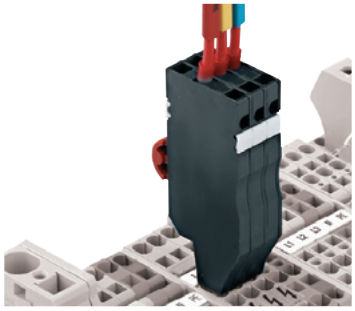




Simple operation
The practical connection aligns the wire insertion direction and the screwdriver operating points, creating a TOP connection system for which no special tools are needed and which comes with an integrated test point.



Extensive accessories
Test adapters and plugs, standard and group markers, closing plates and partitions, covers, and reducing sleeves are available for the Z-series.

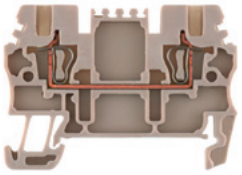
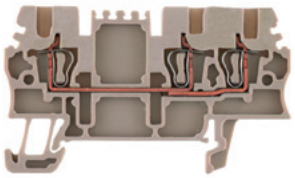
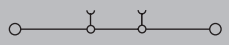
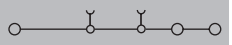


Contact security
The products have maintenance-free connections for a life-long secure contact. They are 100 % shock and vibration proof.

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		ZDU 1.5	ZDU 1.5/3 AN
		1.5 mm²	1.5 mm²
		Two connections	Three connections
			
Width/Length/Height of lowest version	mm	3.5 x 51.5 x 37	3.5 x 63.5 x 37
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5** 	**17.5 / 1.5** 
Max. clamping range	mm²	**0.05...1.5**	**0.05...1.5**

Technical data

		ZDU 1.5				ZDU 1.5/3 AN			
Rated data									
Rated voltage	V	IEC 60947-7-1				IEC 60947-7-1			
Rated current	A								
Rated cross-section	mm²								
Rated impulse withstand voltage / Pollution severity									
Gauge to IEC 60947-1 / Flammability class UL94									
Approvals		Ex e II II 2 G D				Ex e II II 2 G D			
Clamped conductors (H05V/H07V)		**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Solid / stranded	mm²	500	300 (C)	300 (C)	550	500	300 (C)	300 (C)	550
Flexible / Flexible with ferrule	mm²	17.5	15 (C)	20 (C)	15	17.5	15 (C)	20 (C)	15
Stripping length / Blade size	mm/-	1.5	AWG 26...14	AWG 26...14	1.5	1.5	AWG 26...14	AWG 26...14	1.5
		6 kV / 3				6 kV / 3			
		B1 / V-0				B1 / V-0			
		KEMA 01ATEX2106 U				KEMA 01ATEX2106 U			
Rated connection									
		0.5...1.5				0.5...1.5			
		0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
		10 / 0.4 x 2.0 mm				10 / 0.4 x 2.0 mm			
Note									

Ordering data

		ZDU 1.5			ZDU 1.5/3 AN		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	Dark beige Wemid	ZDU 1.5	100	**1775480000**	ZDU 1.5/3AN	100	**1775530000**
	Blue Wemid	ZDU 1.5 BL	100	**1775490000**	ZDU 1.5/3AN BL	100	**1775540000**
Note							

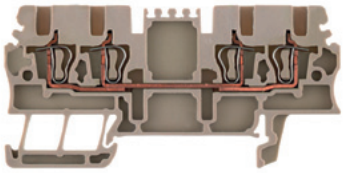
Accessories

		ZDU 1.5				ZDU 1.5/3 AN			
Pluggable cross-connection		**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
	2-pole	ZQV 1.5/2	17.5 A	60	**1776120000**	ZQV 1.5/2	17.5 A	60	**1776120000**
	3-pole	ZQV 1.5/3	17.5 A	60	**1776130000**	ZQV 1.5/3	17.5 A	60	**1776130000**
	4-pole	ZQV 1.5/4	17.5 A	60	**1776140000**	ZQV 1.5/4	17.5 A	60	**1776140000**
	10-pole	ZQV 1.5/10	17.5 A	20	**1776200000**	ZQV 1.5/10	17.5 A	20	**1776200000**
	20-/24-pole								
End plate / Partition plate			**Width**				**Width**		
	Dark beige Wemid	ZAP/TW ZDU1.5/2AN	2 mm	20	**1776030000**	ZAP/TW ZDU1.5/3AN	2 mm	20	**1776060000**
	Blue Wemid	ZAP/TW ZDU1.5/2AN BL	2 mm	20	**1776040000**	ZAP/TW ZDU1.5/3AN BL	2 mm	20	**1776070000**
End bracket									
	Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**	ZEW 35	6 mm	20	**9540000000**
Test adapter									
	Standard	ZTA 5	3.5 mm	25	**1776210000**	ZTA 5	3.5 mm	25	**1776210000**
	With assembly peg	ZTA 5/ZA	3.5 mm	25	**1776220000**	ZTA 5/ZA	3.5 mm	25	**1776220000**
Screwdriver									
	Standard	SDS 0.4X2.0X60		1	**9037160000**	SDS 0.4X2.0X60		1	**9037160000**
Reducing sleeves									
	For conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1	4.55 mm	500	**1781950000**	ZRH 1.5S/1	4.55 mm	500	**1781950000**
	For conductors < 1.0 mm² / AWG 18	ZRH 1.5S/2	4.55 mm	500	**1781960000**	ZRH 1.5S/2	4.55 mm	500	**1781960000**
Cover									
	With lightning flash symbol	ZAD 7/4	4.3 mm	20	**1781940000**	ZAD 7/4	4.3 mm	20	**1781940000**

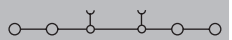
Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/3,5 / WS 12/3,5	DEK 5/3,5 / WS 12/3,5
Note			

ZDU 1.5/4 AN — 1.5 mm²

Four connections



3.5 x 75.5 x 37
17.5 / 1.5
0.05...1.5



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	550
17.5	15 (C)	20 (C)	15
1.5	AWG 26...14	AWG 26...14	1.5
	6 kV / 3		
	B1 / V-0		
			KEMA 01ATEX2106 U

Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

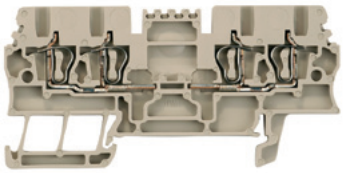
Type	Qty.	Order No.
ZDU 1.5/4AN	100	1775580000
ZDU 1.5/4AN BL	100	1775600000

Type	current	Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/3	17.5 A	60	1776130000
ZQV 1.5/4	17.5 A	60	1776140000
ZQV 1.5/10	17.5 A	20	1776200000
	Width		
ZAP/TW ZDU1.5/4AN	2 mm	20	1776090000
ZAP/TW ZDU1.5/4AN BL	2 mm	20	1776100000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SDS 0.4X2.0X60		1	9037160000
ZRH 1.5S/1	4.55 mm	500	1781950000
ZRH 1.5S/2	4.55 mm	500	1781960000
ZAD 7/4	4.3 mm	20	1781940000

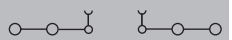
DEK 5/3,5 / WS 12/3,5

ZDU 1.5 2x2AN — 1.5 mm²

2 x 2 connections



3.5 x 75.5 x 37
17.5 / 1.5
0.05...1.5



IEC 60947-7-1

IEC	UL	CSA
500		
17.5		
1.5		
	6 kV / 3	
	B1 / V-0	

Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

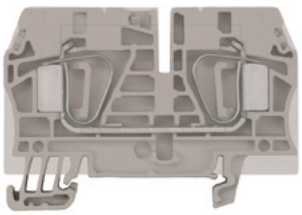
Type	Qty.	Order No.
ZDU 1.5/2X2AN	100	1826970000
ZDU 1.5/2X2AN BL	100	1826990000

Type	current	Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/3	17.5 A	60	1776130000
ZQV 1.5/4	17.5 A	60	1776140000
ZQV 1.5/10	17.5 A	20	1776200000
	Width		
ZAP/TW ZDU1.5/4AN	2 mm	20	1776090000
ZAP/TW ZDU1.5/4AN BL	2 mm	20	1776100000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SDS 0.4X2.0X60		1	9037160000
ZRH 1.5S/1	4.55 mm	500	1781950000
ZRH 1.5S/2	4.55 mm	500	1781960000
ZAD 7/4	4.3 mm	20	1781940000

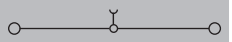
DEK 5/3,5 / WS 12/3,5

ZEI 6 — 6 mm²

Supply terminal



10 x 65 x 45.5
57 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA
500		
41		
6		
	8 kV / 4	
	A5 / V-0	

Rated connection
0.5...10
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the rated voltage of the distribution terminals.

Type	Qty.	Order No.
ZEI 6	20	1791190000

Integrated end plate.

Type	current	Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/3	17.5 A	60	1776130000
ZQV 1.5/4	17.5 A	60	1776140000
ZQV 1.5/10	17.5 A	20	1776200000
	Width		
ZEW 35	6 mm	20	9540000000
ZTA 3 ZDU6	8.1 mm	25	1654050000
SDIS SL 0.8X4.0X100		1	1274670000
ZAD 3/4	10 mm	20	1609120000

DEK 8 / WS 12/6

The plug-in cross-connections ZQV 1.5/... can be used.

Standard form

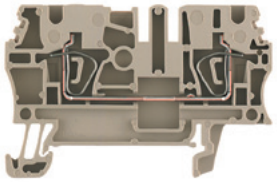
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

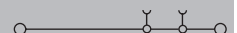
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDU 2.5 — 2.5 mm²

Two connections



5.1 x 59.5 x 39.5
31 / 4
0.05...4



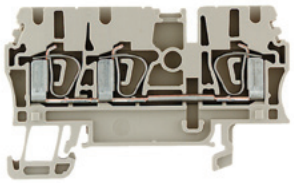
IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	25 (C)	27 (C)	21
2.5	AWG 30...12	AWG 26...12	2.5
	8 kV / 3		
	A3 / V-0		
			KEMA 97ATEX2521 U

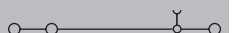
Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

ZDU 2.5/3AN — 2.5 mm²

Three connections



5.1 x 64.5 x 39.5
31 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	25 (C)	27 (C)	21
2.5	AWG 30...12	AWG 26...12	2.5
	8 kV / 3		
	A3 / V-0		
			KEMA 97ATEX2521 U

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Type	Qty.	Order No.
ZDU 2.5	100	1608510000
ZDU 2.5 BL	100	1608520000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	Qty.	Order No.
ZDU 2.5/3AN	100	1608540000
ZDU 2.5/3AN BL	100	1608550000
The rated voltage is reduced to 400 V when using the cross-connection.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW 1	2 mm	50	1608740000
Blue Wemid	ZAP/TW 1 BL	2 mm	50	1608750000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
Standard	ZTA 1	5.1 mm	25	1609040000
With assembly peg	ZTA 1/ZA	5.1 mm	25	1609050000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS	5.55 mm	1000	1614300000
For conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0	5.55 mm	1000	1614290000
Cover				
With lightning flash symbol	ZAD 1/4	8 mm	20	1609110000

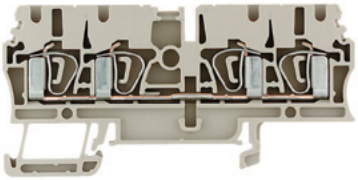
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW 2 DB	2 mm	50	1608770000
Blue Wemid	ZAP/TW 2 BL	2 mm	50	1608780000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
Standard	ZTA 1	5.1 mm	25	1609040000
With assembly peg	ZTA 1/ZA	5.1 mm	25	1609050000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS	5.55 mm	1000	1614300000
For conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0	5.55 mm	1000	1614290000
Cover				
With lightning flash symbol	ZAD 1/4	8 mm	20	1609110000

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5
Note	

DEK 5/5 / WS 10/5

ZDU 2.5/4AN — 2.5 mm²

Four connections



5.1 x 79.5 x 39.5
27 / 4
0.05...4

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	25 (C)	27 (C)	21
2.5	AWG 30...12	AWG 26...12	2.5
	8 kV / 3		
	A3 / V-0		

KEMA 97ATEX2521 U

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

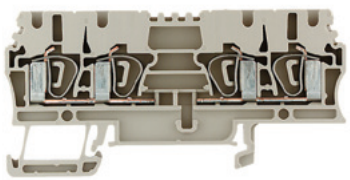
Type	Qty.	Order No.
ZDU 2.5/4AN	100	1608570000
ZDU 2.5/4AN BL	100	1608580000

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW 3	2 mm	50	1608800000
ZAP/TW 3 BL	2 mm	50	1608810000
ZEW 35	6 mm	20	9540000000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 2.5/1 WS	5.55 mm	1000	1614300000
ZRH 2.5/2 GR/V0	5.55 mm	1000	1614290000
ZAD 1/4	8 mm	20	1609110000

DEK 5/5 / WS 10/5

ZDU 2.5/2x2AN — 2.5 mm²

Two potentials feasible



5.1 x 79.5 x 39.5
30 / 4
0.05...4

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	25 (C)	27 (C)	21
2.5	AWG 26...12	AWG 26...12	2.5
	8 kV / 3		
	A3 / V-0		

KEMA 97ATEX2521 U

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/2X2AN	100	1608600000
ZDU 2.5/2X2AN BL	100	1608610000

Type	current	Qty.	Order No.
	Width		
ZAP/TW 3	2 mm	50	1608800000
ZAP/TW 3 BL	2 mm	50	1608810000
ZEW 35	6 mm	20	9540000000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 2.5/1 WS	5.55 mm	1000	1614300000
ZRH 2.5/2 GR/V0	5.55 mm	1000	1614290000
ZAD 1/4	8 mm	20	1609110000

DEK 5/5 / WS 10/5

Standard form

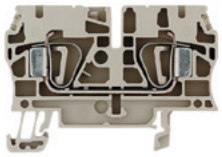
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

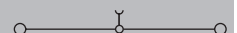
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDU 4 — 4 mm²

Two connections



6.1 x 62 x 43.5
41 / 6
0.13...6



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
32	33 (C)	35 (C)	28
4	AWG 26...10	AWG 26...10	4
	8 kV / 3		
	A4 / V-0		

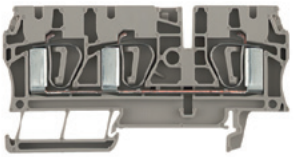
KEMA 97ATEX2521 U

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

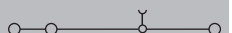
When using twin ferrules, the rated voltage is 690 V.

ZDU 4/3 AN — 4 mm²

Three connections



6.1 x 83.5 x 43.5
41 / 6
0.13...6



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
32	33 (C)	35 (C)	28
4	AWG 26...10	AWG 26...10	4
	8 kV / 3		
	A4 / V-0		

KEMA 00ATEX2107 U

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

When using twin ferrules, the rated voltage is 690 V.

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Type	Qty.	Order No.
ZDU 4	100	1632050000
ZDU 4 BL	100	1632060000

Type	Qty.	Order No.
ZDU 4/3AN	50	7904180000
ZDU 4/3AN BL	50	7904190000

Accessories

Pluggable cross-connection				
	2-pole	32 A	60	1608950000
	3-pole	32 A	60	1608960000
	4-pole	32 A	60	1608970000
	10-pole	32 A	20	1609030000
	20-/24-pole	32 A	20	1909010000
End plate / Partition plate		**Width**		
	Dark beige Wemid	2 mm	50	1632090000
	Blue Wemid	2 mm	50	1632100000
End bracket				
	Dark beige Wemid	6 mm	20	9540000000
Test adapter				
	Standard	6.1 mm	25	1609060000
	With assembly peg	6.1 mm	25	1609070000
Screwdriver				
	Standard		1	1274660000
Reducing sleeves				
	For conductors < 0.5 mm² / AWG 20	7.4 mm	1000	1636640000
	For conductors < 1.0 mm² / AWG 18	7.4 mm	1000	1636650000
Cover				
	With lightning flash symbol	8.94 mm	20	1609080000

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
	Width		
ZAP/TW 4	2 mm	50	1632090000
ZAP/TW 4 BL	2 mm	50	1632100000
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 4/1 WS	7.4 mm	1000	1636640000
ZRH 4/2	7.4 mm	1000	1636650000
ZAD 2/4	8.94 mm	20	1609080000

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
	Width		
ZAP/TW 4/3AN	2 mm	20	7904100000
ZAP/TW 4/3AN BL	2 mm	20	7904110000
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 4/1 WS	7.4 mm	1000	1636640000
ZRH 4/2	7.4 mm	1000	1636650000
ZAD 2/4	8.94 mm	20	1609080000

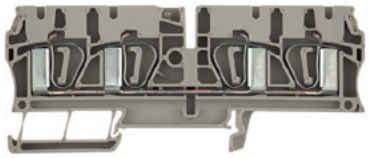
Identification systems (see assortment in catalogue 7)	
	Marking tags
Note	

DEK 5/6 / WS 10/6

DEK 5/6 / WS 12/6

ZDU 4/4 AN — 4 mm²

Four connections



6.1 x 104.5 x 43.5
41 / 6
0.13...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
32	33 (C)	35 (C)	28
4	AWG 26...10	AWG 26...10	4
	8 kV / 3		
	A4 / V-0		

KEMA 00ATEX2107 U

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

When using twin ferrules, the rated voltage is 690 V.

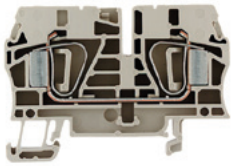
Type	Qty.	Order No.
ZDU 4/4AN	50	7904290000
ZDU 4/4AN BL	50	7904300000

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
	Width		
ZAP/TW4/4AN	2 mm	20	7904210000
ZAP/TW4/4AN BL	2 mm	20	7904220000
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 4/1 WS	7.4 mm	1000	1636640000
ZRH 4/2	7.4 mm	1000	1636650000
ZAD 2/4	8.94 mm	20	1609080000

DEK 5/6 / WS 12/6

ZDU 6 — 6 mm²

Two connections



8.1 x 65 x 45.5
57 / 10
0.22...10

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
41	50 (C)	50 (C)	36
6	AWG 22...8	AWG 20...8	6
	8 kV / 3		
	A5 / V-0		

KEMA 97ATEX2521 U

Rated connection
0.5...10
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

The ZH 0.5 - ZH 2.5 twin ferrules can be used.

Type	Qty.	Order No.
ZDU 6	50	1608620000
ZDU 6 BL	50	1608630000

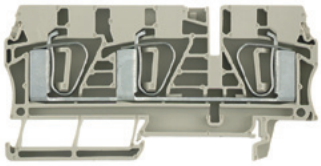
1000 V DC rated voltage tested.

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
ZQV 6/24 GE	41 A	10	1908990000
	Width		
ZAP/TW 5	2 mm	50	1608830000
ZAP/TW 5 BL	2 mm	50	1608840000
ZEW 35	6 mm	20	9540000000
ZTA 3 ZDU6	8.1 mm	25	1654050000
SDIS SL 1.0X4.5X125		1	1274680000
ZAD 3/4	10 mm	20	1609120000

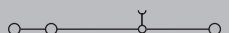
DEK 5/8 / WS 12/6

ZDU 6/3 AN — 6 mm²

Three connections



8.1 x 90 x 45.5
57 / 10
0.22...10



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
41	50 (C)	50 (C)	36
6	AWG 22...8	AWG 20...8	6
	8 kV / 3		
	A5 / V-0		

KEMA 00ATEX2107 U

Rated connection
0.5...10
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

The ZH 0.5 - ZH 2.5 twin ferrules can be used.

Type	Qty.	Order No.
ZDU 6/3AN	50	7907410000
ZDU 6/3AN BL	50	7907420000

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
ZQV 6/24 GE	41 A	10	1908990000
	Width		
ZAP/TW6/3AN	2 mm	20	7907370000
ZAP/TW6/3AN BL	2 mm	20	7907380000
ZEW 35	6 mm	20	9540000000
ZTA 3 ZDU6	8.1 mm	25	1654050000
SDIS SL 1.0X4.5X125		1	1274680000
ZAD 3/4	10 mm	20	1609120000

DEK 5/8 / WS 12/6

Standard form

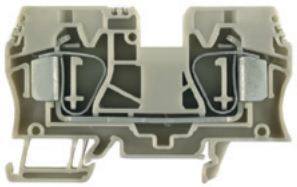
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

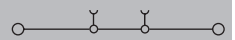
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDU 10 — 10 mm²

Two connections



10.1 x 73.5 x 50.5
72 / 16
1.31...16



IEC 60947-7-1 — Ex e II — II 2 G D

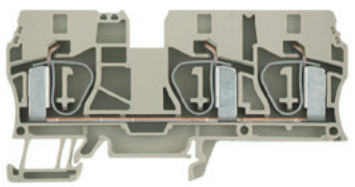
IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
57	60 (C)	55 (C)	50
10	AWG 16...6	AWG 16...6	10
	8 kV / 3		
	A6 / V-0		
			KEMA 99ATEX5514 U

Rated connection
1.5...16 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.

ZDU 10/3AN — 10 mm²

Three connections



10.1 x 99 x 50.5
57 / 16
1.31...16

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
57	60 (C)	55 (C)	50
10	AWG 16...6	AWG 16...6	10
	8 kV / 3		
	A6 / V-0		
			KEMA 00ATEX2107 U

Rated connection
1.5...16 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Type	Qty.	Order No.
ZDU 10	25	1746750000
ZDU 10 BL	25	1746760000

Type	Qty.	Order No.
ZDU 10/3AN	20	1767690000
ZDU 10/3AN BL	20	1767700000

Accessories

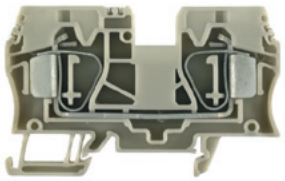
Pluggable cross-connection							
	2-pole	ZQV 10/2	17.5 A	25	1739680000	ZQV 10/2	17.5 A	25	1739680000
	3-pole								
	4-pole								
	10-pole								
	20-/24-pole								
End plate / Partition plate			**Width**				**Width**		
	Dark beige Wemid	ZAP/TW ZDU10	2.7 mm	20	1748660000	ZAP/TW 10/16	3 mm	20	1749580000
	Blue Wemid	ZAP/TW ZDU10 BL	2.7 mm	20	1764110000	ZAP/TW 10/16 BL	3 mm	20	1768520000
End bracket									
	Dark beige Wemid	ZEW 35	6 mm	20	9540000000	ZEW 35	6 mm	20	9540000000
Test adapter									
	Standard								
	With assembly peg								
Screwdriver									
	Standard	SDIS SL 1.0X4.5X125		1	1274680000	SDIS SL 1.0X4.5X125		1	1274680000
Reducing sleeves									
	For conductors < 0.5 mm² / AWG 20								
	For conductors < 1.0 mm² / AWG 18								
Cover									
	With lightning flash symbol	ZAD 4/5	12.48 mm	20	1746730000	ZAD 4/5	12.48 mm	20	1746730000

Identification systems	(see assortment in catalogue 7)	
	Marking tags	DEK 5/5 / WS 12/5
Note		

DEK 5/5 / WS 12/5

ZDU 16 — 16 mm²

Two connections



12.1 x 82.5 x 51.5
98 / 25
1.5...25

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	550
76	65 (C)	65 (C)	66
16	AWG 14...4	AWG 14...4	16
	8 kV / 3		
	A7 / V-0		

KEMA 99ATEX5514 U

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16. Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10.

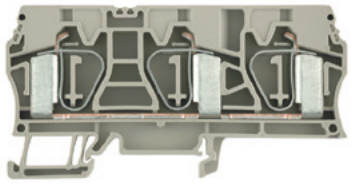
Type	Qty.	Order No.
ZDU 16	25	1745230000
ZDU 16 BL	25	1745240000

Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	1739690000
	Width		
ZAP/TW ZDU16	3 mm	20	1745150000
ZAP/TW ZDU16 BL	3 mm	20	1764100000
ZEW 35	6 mm	20	9540000000
SDIS SL 1.0X4.5X125		1	1274680000
ZAD 5/5	14.15 mm	20	1745210000

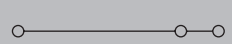
DEK 5/5 / WS 15/5

ZDU 16/3 AN — 16 mm²

Three connections



12.1 x 99 x 51.5
76 / 25
1.5...25



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
76	65 (C)	65 (C)	66
16	AWG 14...4	AWG 14...4	16
	8 kV / 3		
	A7 / V-0		

KEMA 00ATEX2107 U

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

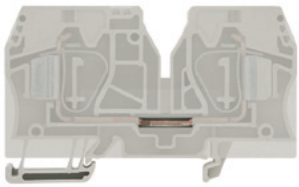
Type	Qty.	Order No.
ZDU 16/3AN	20	1768320000
ZDU 16/3AN BL	20	1768330000

Type	current	Qty.	Order No.
	Width		
ZAP/TW 10/16	3 mm	20	1749580000
ZAP/TW 10/16 BL	3 mm	20	1768520000
ZEW 35	6 mm	20	9540000000
SDIS SL 1.0X4.5X125		1	1274680000
ZAD 5/5	14.15 mm	20	1745210000

DEK 5/5 / WS 15/5

ZEI 16 — 16 mm²

Supply terminal



15 x 82.5 x 51.5
76 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	600 (C)
76	65 (C)	65 (C)
16	AWG 14...4	AWG 14...4
	8 kV / 3	
	A7 / V-0	

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZEI 16	20	1745350000
ZEI 16 BL	20	1766240000

Integrated end plate.

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 6/4 GE	41 A	60	1627870000
	Width		
ZEW 35	6 mm	20	9540000000
SDIS SL 1.0X4.5X125		1	1274680000
ZAD 5/5	14.15 mm	20	1745210000

DEK 5/5 / WS 15/5

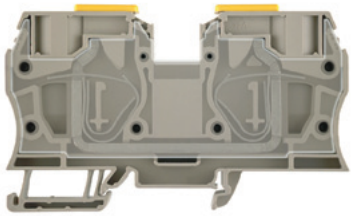
Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

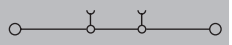
ZDU 35 — 35 mm²

Two connections



Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

16 x 100.5 x 59.5
125 / 35
2.5...35



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

IEC 60947-7-1
Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
125	120 (C)	120 (C)	109
35	AWG 12...2	AWG 12...2	35
	8 kV / 3		
	A8 / V-0		
			KEMA 00ATEX2107 U

Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
25 / 1.0 x 5.5 mm

Note

Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10. Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16.

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid

Note

Type	Qty.	Order No.
ZDU 35	10	**1739620000**
ZDU 35 BL	10	**1739630000**

Integrated end plate.

Accessories

Pluggable cross-connection			
	2-pole		
	3-pole		
	4-pole		
	10-pole		
	20-/24-pole		
End plate / Partition plate			
	Dark beige Wemid		
	Blue Wemid		
End bracket			
	Dark beige Wemid		
Test adapter			
	Standard		
	With assembly peg		
Screwdriver			
	Standard		
Reducing sleeves			
	For conductors < 0.5 mm² / AWG 20		
	For conductors < 1.0 mm² / AWG 18		
Cover			
	With lightning flash symbol		

Type	current	Qty.	Order No.
ZQV 35/2	105 A	10	**1739700000**
	Width		
ZEW 35	6 mm	20	**9540000000**
SDIS SL 1.0X4.5X125		1	**1274680000**
ZAD 6/5	18.74 mm	20	**1752620000**

Identification systems	(see assortment in catalogue 7)
	Marking tags

Note

DEK 5/5 / WS 15/5

Roof-style

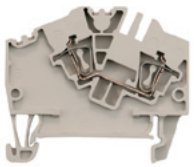
The compact terminal range for conductor cross-sections 0.13 to 16 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

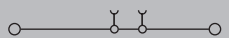
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDU 2.5-2 — 2.5 mm²

Two connections



5.1 x 50.5 x 44
24 / 4
0.13...4



IEC 60947-7-1 — Ex e II — II 2 G D

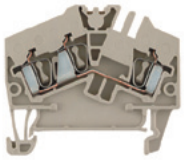
IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	24 (C)	24 (C)	21
2.5	AWG 26...12	AWG 26...12	2.5
	8 kV / 3		
	A2 / V-0		
			KEMA 97ATEX4677 U

Rated connection
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

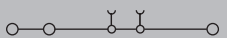
2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDU 2.5-2/3AN — 2.5 mm²

Three connections



5.1 x 50.5 x 44
24 / 4
0.13...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	20 (C)	23 (C)	21
2.5	AWG 26...12	AWG 26...14	2.5
	8 kV / 3		
	A2 / V-0		
			KEMA 97ATEX4677 U

Rated connection
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Type	Qty.	Order No.
ZDU 2.5-2	100	1772060000
ZDU 2.5-2 BL	100	1772070000

The rated voltage is reduced to 400 V when using the cross-connection.

Type	Qty.	Order No.
ZDU 2.5-2/3AN	100	1706010000
ZDU 2.5-2/3AN BL	100	1706040000

The rated voltage is reduced to 400 V when using the cross-connection.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW7	2.5 mm	50	1706110000
Blue Wemid	ZAP/TW7 BL	2.5 mm	50	1706120000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
With assembly peg	ZTA 4	5.1 mm	25	1688110000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	1678800000
Cover				
With lightning flash symbol	ZAD 1/4-2 GE	8 mm	20	1764560000

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW7	2.5 mm	50	1706110000
Blue Wemid	ZAP/TW7 BL	2.5 mm	50	1706120000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
With assembly peg	ZTA 4	5.1 mm	25	1688110000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	1678800000
Cover				
With lightning flash symbol	ZAD 1/4-2 GE	8 mm	20	1764560000

Identification systems (see assortment in catalogue 7)
Marking tags
Note

DEK 5/5 / WS 14/5

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

DEK 5/5 / WS 14/5

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

ZDU 2.5-2/4AN — 2.5 mm²

Four connections

5.1 x 50.5 x 44
24 / 4
0.13...4

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	20 (C)	23 (C)	21
2.5	AWG 26...12	AWG 26...14	2.5
	8 kV / 3		
	A2 / V-0		

KEMA 97ATEX4677 U

Rated connection
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDU 2.5-2/4AN	100	1706060000
ZDU 2.5-2/4AN BL	100	1706070000

The wire cross section is decreased to 1.5 mm² when using the ZQB 2.5 for single core and finely stranded wires.

Type	current	Qty.	Order No.
ZQB 2.5-2	24 A	50	1677120000
	Width		
ZAP/TW7	2.5 mm	50	1706110000
ZAP/TW7 BL	2.5 mm	50	1706120000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000
ZAD 1/4-2 GE	8 mm	20	1764560000

DEK 5/5 / WS 14/5

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

ZDU 4-2 — 4 mm²

Two connections

6.1 x 61.5 x 46
32 / 6
0.13...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
32	33 (C)	35 (C)	28
4	AWG 26...10	AWG 26...10	4
	8 kV / 3		
	A3 / V-0		

KEMA 97ATEX4677 U

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4-2/2AN	100	1770370000
ZDU 4-2/2AN BL	100	1770840000

The rated voltage is reduced to 400 V when using the cross-connection.

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
	Width		
ZAP ZDU4-2	2 mm	50	1770400000
ZAP ZDU4-2 BL	2 mm	50	1770880000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
ZAD 1/4	8 mm	20	1609110000

DEK 5/6 / WS 12/6

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

ZDU 4-2/3AN — 4 mm²

Three connections

6.1 x 61.5 x 46
38 / 6
0.13...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
32	33 (C)	35 (C)	28
4	AWG 26...10	AWG 26...10	4
	8 kV / 3		
	A3 / V-0		

KEMA 97ATEX4677 U

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4-2/3AN	100	1770360000
ZDU 4-2/3AN BL	100	1770860000

The rated voltage is reduced to 400 V when using the cross-connection.

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
	Width		
ZAP ZDU4-2	2 mm	50	1770400000
ZAP ZDU4-2 BL	2 mm	50	1770880000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
ZAD 1/4	8 mm	20	1609110000

WS 12/6

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

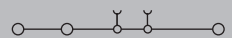
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDU 4-2/3AN LSC — 4 mm²

Three connections

6.1 x 61.5 x 46
38 / 6
0.13...6



Technical data

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800			550
32			28
4			4
	8 kV / 3		
	A3 / V-0		
			KEMA 97ATEX4677 U

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

The ZDU 4-2/3AN LSC version can be mounted on a 40mm Lütze frame.

Ordering data

Type	Qty.	Order No.
ZDU 4-2/3AN LSC	100	1790520000

The rated voltage is reduced to 400 V when using the cross-connection.

Accessories

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
	Width		
ZAP ZDU4-2	2 mm	50	1770400000
ZAP ZDU4-2 BL	2 mm	50	1770880000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
ZAD 1/4	8 mm	20	1609110000

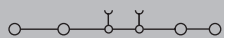
DEK 5/6 / WS 12/6

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

ZDU 4-2/4AN — 4 mm²

Four connections

6.1 x 75.1 x 46
32 / 6
0.13...6



Technical data

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
32	33 (C)	35 (C)	28
4	AWG 26...10	AWG 26...10	4
	8 kV / 3		
	A3 / V-0		
			KEMA 97ATEX4677 U

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Ordering data

Type	Qty.	Order No.
ZDU 4-2/4AN	100	1806980000
ZDU 4-2/4AN BL	100	1806990000

The rated voltage is reduced to 400 V when using the cross-connection.

Accessories

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
	Width		
ZAP ZDU4-2/4AN	2 mm	50	1807010000
ZAP ZDU4-2/4AN BL	2 mm	50	1807020000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
ZAD 1/4	8 mm	20	1609110000

DEK 5/6 / WS 12/6

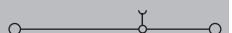
Pluggable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	
End plate / Partition plate	
Dark beige Wemid	
Blue Wemid	
End bracket	
Dark beige Wemid	
Test adapter	
With assembly peg	
Screwdriver	
Standard	
Reducing sleeves	
For conductors < 0.5 mm² / AWG 20	
For conductors < 1.0 mm² / AWG 18	
Cover	
With lightning flash symbol	
Identification systems	(see assortment in catalogue 7)
Marking tags	

Note

ZDU 6-2/2AN — 6 mm²

Two connections

8.1 x 68 x 50
41 / 10
0.22...10



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
41	45 (C)	50 (C)	36
6	AWG 22...8	AWG 20...8	6
	8 kV / 3		
	A5 / V-0		

KEMA 97ATEX4677 U

Rated connection
0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm, 0.8 x 4.0 mm

Type	Qty.	Order No.
ZDU 6-2/2AN	50	1771380000
ZDU 6-2/2AN BL	50	1771390000

The rated voltage is reduced to 400 V when using the cross-connection.

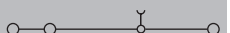
Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
ZQV 6/24 GE	41 A	10	1908990000
	Width		
ZAP ZDU6-2	2 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SDIS SL 0.8X4.0X100		1	1274670000

DEK 5/8

ZDU 6-2/3AN — 6 mm²

Three connections

8.1 x 68 x 50
41 / 10
0.22...10



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
41	45 (C)	50 (C)	36
6	AWG 22...8	AWG 20...8	6
	8 kV / 3		
	A5 / V-0		

KEMA 97ATEX4677 U

Rated connection
0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm, 0.8 x 4.0 mm

Type	Qty.	Order No.
ZDU 6-2/3AN	50	1771410000
ZDU 6-2/3AN BL	50	1771420000

The rated voltage is reduced to 400 V when using the cross-connection.

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
ZQV 6/24 GE	41 A	10	1908990000
	Width		
ZAP ZDU6-2	2 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SDIS SL 0.8X4.0X100		1	1274670000

DEK 5/8

ZEI 16-2 /1 AN — 16 mm²

Supply terminal

14 x 61.5 x 51.5
76 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	600 (C)
76	65 (C)	65 (C)
16	AWG 14...4	AWG 14...4
	6 kV / 3	
	A7 / V-0	

Rated connection
1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

Type	Qty.	Order No.
ZEI 16-2/1AN	20	1772940000
ZEI 16-2/1AN BL	20	1772950000

Integrated end plate.

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 6/4 GE	41 A	60	1627870000
	Width		
ZAP/Z...16-2/1AN	2.5 mm	10	1772970000
ZEW 35	6 mm	20	9540000000
SDIS SL 1.0X4.5X125		1	1274680000

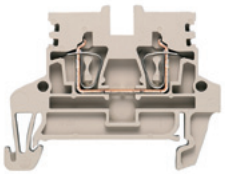
DEK 8

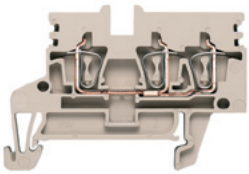
The plug-in cross-connections ZQV 2.5/..., ZQV 4/... and ZQV 6/... can be used.

Compact style

ZDU 2.5N	2.5 mm²
2 connections	

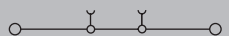
ZDU 2.5N/3AN	2.5 mm²
3 connections	

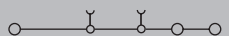




In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	5.1 x 50.5 x 39	5.1 x 56.5 x 39
max. current / max. cond. cross-section	A/mm²	**24 / 4**	**24 / 4**
Max. clamping range	mm²	**0.05...4**	**0.05...4**





Technical data

Rated data		IEC 60947-7-1		II 2 G D
		IEC	**UL**	**CSA**
Rated voltage	V	800	300 (C)	300 (C)
Rated current	A	24	20 (C)	24 (C)
Rated cross-section	mm²	2.5	AWG 30...12	AWG 30...12
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A2 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Rated data		IEC 60947-7-1		II 2 G D
		IEC	**UL**	**CSA**
Rated voltage	V	800	300 (C)	300 (C)
Rated current	A	24	20 (C)	24 (C)
Rated cross-section	mm²	2.5	AWG 30...12	AWG 30...12
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A2 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	ZDU 2.5N	50	**1933700000**
Blue Wemid	ZDU 2.5N BL	50	**1933710000**
Note			

Type	Qty.	Order No.
ZDU 2.5N/3AN	50	**1933720000**
ZDU 2.5N/3AN BL	50	**1933730000**

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
20-/24-pole	ZQV 2.5/20	24 A	20	**1908960000**
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW ZDU/ZPE 2.5N	2 mm	20	**1933790000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Test adapter				
Standard	ZTA ZT2.5	5.1 mm	25	**1827080000**
With assembly peg	ZTA ZT2.5/ZA	5.1 mm	25	**1847600000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	**1678810000**
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	**1678800000**
Cover				
With lightning flash symbol	ZAD 9/4	6 mm	20	**1934160000**

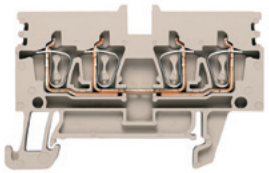
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
20-/24-pole	ZQV 2.5/20	24 A	20	**1908960000**
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW ZDU/ZPE 2.5N/3AN	2 mm	50	**1933800000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Test adapter				
Standard	ZTA ZT2.5	5.1 mm	25	**1827080000**
With assembly peg	ZTA ZT2.5/ZA	5.1 mm	25	**1847600000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	**1678810000**
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	**1678800000**
Cover				
With lightning flash symbol	ZAD 9/4	6 mm	20	**1934160000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

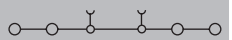
	DEK 5/5 / WS 10/5
	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

ZDU 2.5N/4AN — 2.5 mm²

4 connections



5.1 x 60 x 39
24 / 4
0.05...4



IEC 60947-7-1 — II 2 G D

IEC	UL	CSA
800	300 (C)	300 (C)
24	20 (C)	24 (C)
2.5	AWG 30...12	AWG 30...12
	6 kV / 3	
	A2 / V-0	

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDU 2.5N/4AN	50	**1933740000**
ZDU 2.5N/4AN BL	50	**1933750000**

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
ZQV 2.5/20	24 A	20	**1908960000**
	Width		
ZAP/TW ZDU/ZPE 2.5N/4AN	2 mm	50	**1933810000**
ZEW 35	6 mm	20	**9540000000**
ZTA ZT2.5	5.1 mm	25	**1827080000**
ZTA ZT2.5/ZA	5.1 mm	25	**1847600000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 1.5H/1	4.85 mm	1000	**1678810000**
ZRH 1.5H/2	4.85 mm	1000	**1678800000**
ZAD 9/4	6 mm	20	**1934160000**

DEK 5/5 / WS 10/5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Standard form

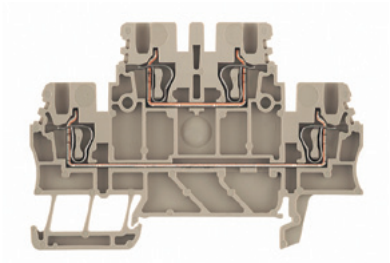
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

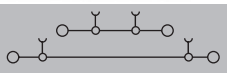
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDK 1.5 — 1.5 mm²

Double-level terminal

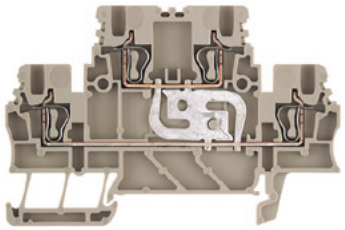


3.5 x 75.5 x 50	
17.5 / 1.5	
0.05...1.5	



ZDK 1.5V — 1.5 mm²

Vertically cross-connected double-level terminal



3.5 x 75.5 x 50	
17.5 / 1.5	
0.05...1.5	

Technical data

Rated data		ZDK 1.5	ZDK 1.5V
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	IEC	IEC
Rated cross-section	mm²	500	500
Rated impulse withstand voltage / Pollution severity		17.5	17.5
Gauge to IEC 60947-1 / Flammability class UL94		1.5	1.5
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		
Note			

IEC	UL	CSA
500	300 (D)	600 (C)
17.5	10 (D)	10 (C)
1.5	AWG 28...16	AWG 28...16
	6 kV / 3	
	B1 / V-0	

Rated connection	ZDK 1.5	ZDK 1.5V
	0.5...1.5	0.5...1.5
	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
	10 / 0.4 x 2.0 mm	10 / 0.4 x 2.0 mm

Ordering data

Version	ZDK 1.5			ZDK 1.5V		
	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	ZDK 1.5	100	**1791100000**	ZDK 1.5V	100	**1791130000**
Blue Wemid	ZDK 1.5 BL	100	**1791110000**	ZDK 1.5V BL	100	**1791140000**
Note						

Accessories

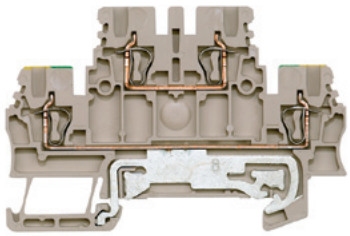
Pluggable cross-connection	ZDK 1.5			ZDK 1.5V		
	Type	current	Qty.	Order No.	current	Qty.	Order No.
1.5-pole							
2-pole	ZQV 1.5/2	17.5 A	60	**1776120000**	17.5 A	60	**1776120000**
3-pole	ZQV 1.5/3	17.5 A	60	**1776130000**	17.5 A	60	**1776130000**
4-pole	ZQV 1.5/4	17.5 A	60	**1776140000**	17.5 A	60	**1776140000**
10-pole	ZQV 1.5/10	17.5 A	20	**1776200000**	17.5 A	20	**1776200000**
20-/24-pole							
End plate / Partition plate		**Width**			**Width**		
Dark beige Wemid	ZAP/TW ZDK1.5	2 mm	20	**1791160000**	2 mm	20	**1791160000**
Blue Wemid	ZAP/TW ZDK1.5 BL	2 mm	20	**1791170000**	2 mm	20	**1791170000**
End bracket							
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**	6 mm	20	**9540000000**
Test adapter							
Standard	ZTA 5	3.5 mm	25	**1776210000**	3.5 mm	25	**1776210000**
With assembly peg	ZTA 5/ZA	3.5 mm	25	**1776220000**	3.5 mm	25	**1776220000**
Screwdriver							
Standard	SDS 0.4X2.0X60		1	**9037160000**		1	**9037160000**
With “swifty set” cutting device							
Reducing sleeves							
For conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1	4.55 mm	500	**1781950000**	4.55 mm	500	**1781950000**
For conductors < 1.0 mm² / AWG 18	ZRH 1.5S/2	4.55 mm	500	**1781960000**	4.55 mm	500	**1781960000**

Identification systems (see assortment in catalogue 7)	ZDK 1.5	ZDK 1.5V
Marking tags	DEK 5/3,5	DEK 5/3,5
Note		

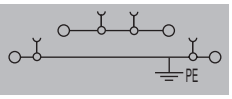
ZDK 1.5 DU-PE

1.5 mm²

Double-level terminals (DU - PE)



3.5 x 75.5 x 50
17.5 / 1.5
0.05...1.5



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
500	300 (D)	
17.5	10 (D)	
1.5	AWG 28...16	AWG 28...16
	6 kV / 3	
	B1 / V-0	

Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZDK 1.5DU-PE	100	**1791120000**

Upper level: feed-through terminal
Lower level: PE terminal

Type	current	Qty.	Order No.
ZQV 1.5/2	17.5 A	60	**1776120000**
ZQV 1.5/3	17.5 A	60	**1776130000**
ZQV 1.5/4	17.5 A	60	**1776140000**
ZQV 1.5/10	17.5 A	20	**1776200000**
	Width		
ZAP/TW ZDK1.5	2 mm	20	**1791160000**
ZAP/TW ZDK1.5 BL	2 mm	20	**1791170000**
ZEW 35	6 mm	20	**9540000000**
ZTA 5	3.5 mm	25	**1776210000**
ZTA 5/ZA	3.5 mm	25	**1776220000**
SDS 0.4X2.0X60		1	**9037160000**
ZRH 1.5S/1	4.55 mm	500	**1781950000**
ZRH 1.5S/2	4.55 mm	500	**1781960000**

DEK 5/3,5

Standard form

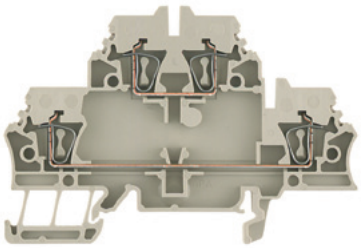
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

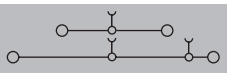
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDK 2.5 — 2.5 mm²

Double-level terminal



5.1 x 79.5 x 54	
20 / 2.5	
0.05...2.5	



IEC 60947-7-1 — Ex e II — II 2 G D

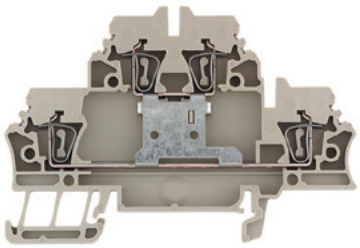
IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	275
20	15 (C)	25 (C)	18
2.5	AWG 26...14	AWG 26...12	2.5
	6 kV / 3		
	A2 / V-0		
			KEMA 97ATEX4677 U

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

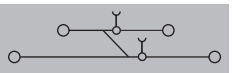
2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDK 2.5 V — 2.5 mm²

Vertically cross-connected double-level terminal



5.1 x 79.5 x 54	
20 / 2.5	
0.05...2.5	



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (D)	275
20	15 (C)	10 (D)	20
2.5	AWG 26...14	AWG 26...12	2.5
	6 kV / 3		
	A2 / V-0		
			KEMA 97ATEX4677 U

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Type	Qty.	Order No.
ZDK 2.5	50	**1674300000**
ZDK 2.5 BL	50	**1678630000**
ZBS 1 component plug ZBS 1 can be used for LED (1764550000).		

Type	Qty.	Order No.
ZDK 2.5V	50	**1689990000**
ZDK 2.5V BL	50	**1745880000**

Accessories

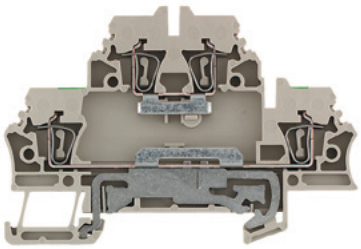
Pluggable cross-connection	Type	current	Qty.	Order No.
1.5-pole				
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
20-/24-pole	ZQV 2.5/20	24 A	20	**1908960000**
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW ZDK2.5	1.5 mm	20	**1674730000**
Blue Wemid	ZAP/TW ZDK2.5 BL	1.5 mm	20	**1748800000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Test adapter				
Standard				
With assembly peg	ZTA 4	5.1 mm	25	**1688110000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
With "swifty set" cutting device				
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	**1678810000**
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	**1678800000**

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
ZQV 2.5/20	24 A	20	**1908960000**
	Width		
ZAP/TW ZDK2.5	1.5 mm	20	**1674730000**
ZAP/TW ZDK2.5 BL	1.5 mm	20	**1748800000**
ZEW 35	6 mm	20	**9540000000**
ZTA 4	5.1 mm	25	**1688110000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 1.5H/1	4.85 mm	1000	**1678810000**
ZRH 1.5H/2	4.85 mm	1000	**1678800000**

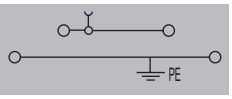
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 12/5	DEK 5/5 / WS 10/5
Note	ZVQ 2.5/15 (1720700000) connects two busbars, one above the other.	

ZDK 2.5 DU-PE — 2.5 mm²

Phase - PE conductor



5.1 x 79.5 x 54
24 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2) — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (D)	275
20	15 (C)	10 (D)	20
2.5	AWG 26...14	AWG 26...12	2.5
	6 kV / 3		
	A2 / V-0		
			KEMA 97ATEX4677 U

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

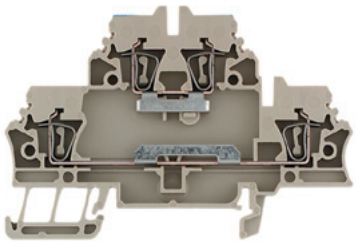
Type	Qty.	Order No.
ZDK 2.5DU-PE	50	1689970000

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

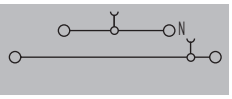
DEK 5/5 / WS 12/5

ZDK 2.5 N-DU — 2.5 mm²

Neutral conductor - phase



5.1 x 79.5 x 54
23 / 2.5
0.05...2.5



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (D)	275
20	15 (C)	10 (D)	20
2.5	AWG 26...14	AWG 26...12	2.5
	6 kV / 3		
	A2 / V-0		
			KEMA 97ATEX4677 U

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

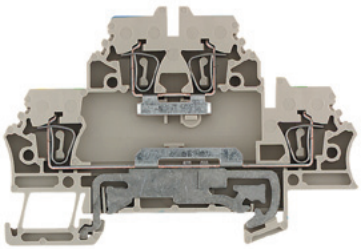
Type	Qty.	Order No.
ZDK 2.5N-DU	50	1689960000

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

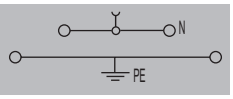
DEK 5/5 / WS 12/5

ZDK 2.5 N-PE — 2.5 mm²

Neutral & PE conductor



5.1 x 79.5 x 54
24 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2) — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (D)	275
20	15 (C)	10 (D)	20
2.5	AWG 26...14	AWG 26...12	2.5
	6 kV / 3		
	A2 / V-0		
			KEMA 97ATEX4677 U

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5N-PE	50	1689980000

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

DEK 5/5 / WS 12/5

Standard form

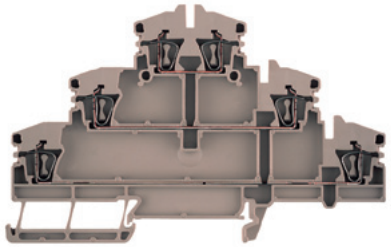
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

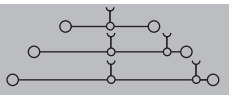
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDLD 2.5-2 N — 2.5 mm²

Three levels

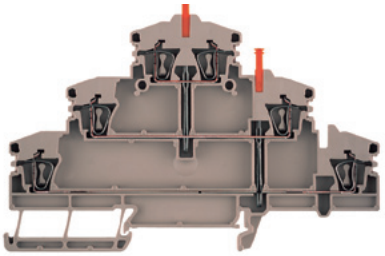


5.1 x 110.5 x 70
20 / 2.5
0.13...2.5

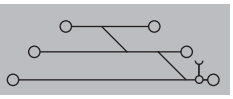


ZDLD 2.5-2 VN — 2.5 mm²

Vertically cross-connected multi-level terminal



5.1 x 110.5 x 70
20 / 2.5
0.13...2.5



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA
Rated voltage	500	300 (D)	300 (D)
Rated current	20	10 (D)	10 (D)
Rated cross-section	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A2 / V-0	
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded mm²			
Flexible / Flexible with ferrule mm²			
Stripping length / Blade size mm/-			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC 60947-7-1

Rated data	IEC	UL	CSA
Rated voltage	400	300 (D)	300 (D)
Rated current	20	10 (D)	10 (D)
Rated cross-section	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A2 / V-0	
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded mm²			
Flexible / Flexible with ferrule mm²			
Stripping length / Blade size mm/-			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	ZDLD 2.5-2N	50	1782300000
Blue Wemid	ZDLD 2.5-2N BL	50	1782310000

Note

Version	Type	Qty.	Order No.
Dark beige Wemid	ZDLD 2.5-2VN	25	1782320000
Blue Wemid	ZDLD 2.5-2VN BL	25	1782330000

Note

Accessories

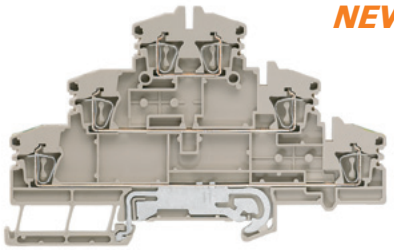
Pluggable cross-connection	Type	current	Qty.	Order No.
1.5-pole	ZVQ 2.5/1.5	23 A	50	1720700000
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW ZDLD2.5-2N	1.5 mm	20	1782340000
Blue Wemid	ZAP/TW ZDLD2.5-2N BL	1.5 mm	20	1782350000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
Standard				
With assembly peg	ZTA 4	5.1 mm	25	1688110000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
With “swifty set” cutting device	SWIFTY SET	18 mm	1	9006060000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	1678800000

Pluggable cross-connection	Type	current	Qty.	Order No.
	ZQV 2.5/2	24 A	60	1608860000
	ZQV 2.5/3	24 A	60	1608870000
	ZQV 2.5/4	24 A	60	1608880000
	ZQV 2.5/10	24 A	20	1608940000
	ZQV 2.5/20	24 A	20	1908960000
	Width			
	ZAP/TW ZDLD2.5-2N	1.5 mm	20	1782340000
	ZAP/TW ZDLD2.5-2N BL	1.5 mm	20	1782350000
	ZEW 35	6 mm	20	9540000000
	ZTA 4	5.1 mm	25	1688110000
	SDIS SL 0.6X3.5X100		1	1274660000
	SWIFTY SET	18 mm	1	9006060000
	ZRH 1.5H/1	4.85 mm	1000	1678810000
	ZRH 1.5H/2	4.85 mm	1000	1678800000

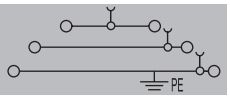
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 12/5	DEK 5/5 / WS 12/5
Note	ZVQ 2.5/15 (1720700000) connects two busbars, one above the other.	

ZDLD 2.5-2 N PE/L/L — 2.5 mm²

NEW



5.1 x 110.5 x 70
/ 2.5
0.08...2.5



IEC	UL	CSA
500	150 (C)	150 (C)
20	15 (C)	15 (C)
2.5	AWG 26...12	AWG 26...12
	6 kV / 3	
	A2 / V-0	

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

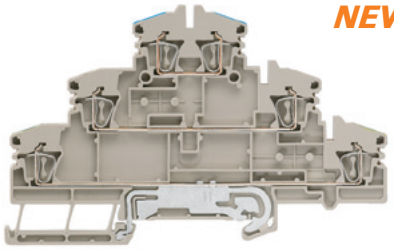
Type	Qty.	Order No.
ZDLD 2.5-2N/PE/L/L	50	1131750000

Type	current	Qty.	Order No.
ZVQ 2.5/1.5	23 A	50	1720700000
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
	Width		
ZAP/TW ZDLD2.5-2N	1.5 mm	20	1782340000
ZAP/TW ZDLD2.5-2N BL	1.5 mm	20	1782350000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
SWIFTY SET	18 mm	1	9006060000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

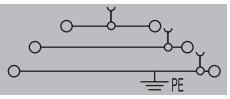
DEK 5/5 / WS 12/5

ZDLD 2.5-2 N PE/L/N — 2.5 mm²

NEW



5.1 x 110.5 x 70
/ 2.5
0.08...2.5



IEC	UL	CSA
500	150 (C)	150 (C)
20	15 (C)	15 (C)
2.5	AWG 26...12	AWG 26...12
	6 kV / 3	
	A2 / V-0	

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

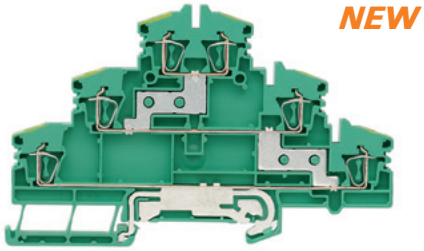
Type	Qty.	Order No.
ZDLD 2.5-2N/PE/L/N	50	1131760000

Type	current	Qty.	Order No.
ZVQ 2.5/1.5	23 A	50	1720700000
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDLD2.5-2N	1.5 mm	20	1782340000
ZAP/TW ZDLD2.5-2N BL	1.5 mm	20	1782350000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
SWIFTY SET	18 mm	1	9006060000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

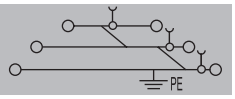
DEK 5/5 / WS 12/5

ZDLD 2.5-2 N PE — 2.5 mm²

NEW



5.1 x 110.5 x 70
/ 2.5
0.08...2.5



IEC	UL	CSA
500		
20		
2.5	AWG 26...12	AWG 26...12
	6 kV / 3	
	A2 / V-0	

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDLD 2.5-2N PE	50	1131740000

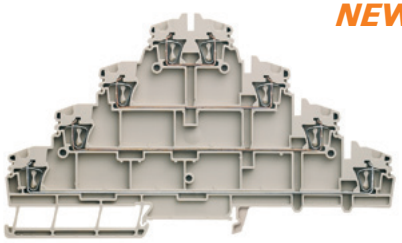
Type	current	Qty.	Order No.
ZVQ 2.5/1.5	23 A	50	1720700000
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDLD2.5-2N	1.5 mm	20	1782340000
ZAP/TW ZDLD2.5-2N BL	1.5 mm	20	1782350000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
SWIFTY SET	18 mm	1	9006060000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

DEK 5/5 / WS 12/5

Standard form

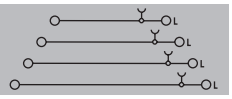
ZVLD 2.5	2.5 mm²

NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	5.1 x 148 x 86
max. current / max. cond. cross-section	A/mm²	/ 2.5
Max. clamping range	mm²	0.14...2.5



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA
Rated voltage	250		
Rated current	24		
Rated cross-section	2.5		
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		/ V-0	
Approvals			

Clamped conductors (H05V/H07V)		Rated connection
Solid / stranded	mm²	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5
Stripping length / Blade size	mm/-	

Note	

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	ZVLD 2.5	50	1208920000
Blue Wemid			

Note	

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
1.5-pole	ZVQ 2.5/1.5	23 A	50	1720700000
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP ZVLD 2.5	1.5 mm	10	1210410000
Blue Wemid				
End bracket				
Dark beige Wemid	ZEW 35/2	8 mm	20	8630740000
Test adapter				
Standard	ZTA ZVLD	5.1 mm	50	1210390000
With assembly peg	ZTA ZVLD/ZA	5.1 mm	50	1271870000
Screwdriver				
Standard				
With “swifty set” cutting device				
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20				
For conductors < 1.0 mm² / AWG 18				

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5

Note	

Roof-style

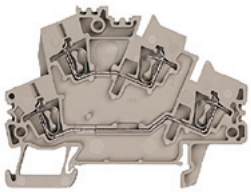
The compact terminal range for conductor cross-sections 0.13 to 16 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

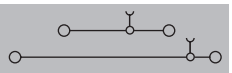
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDK 2.5-2 — 2.5 mm²

Double-level terminal

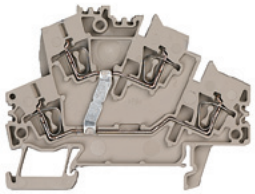


5.1 x 72.5 x 55.5
24 / 4
0.05...4

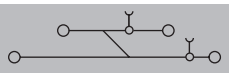


ZDK 2.5-2V — 2.5 mm²

Vertical cross-connected double-level terminal



5.1 x 72.5 x 55.5
24 / 4
0.05...4



Technical data

Rated data					
Rated voltage	V	IEC 60947-7-1			II 2 G D
Rated current	A	IEC	UL	CSA	
Rated cross-section	mm²	800	600 (C)	600 (C)	
Rated impulse withstand voltage / Pollution severity		24	20 (C)	25 (C)	
Gauge to IEC 60947-1 / Flammability class UL94		2.5	AWG 30...12	AWG 30...12	
Approvals			8 kV / 3		
Clamped conductors (H05V/H07V)			A2 / V-0		
Solid / stranded	mm²				
Flexible / Flexible with ferrule	mm²	**Rated connection**			
Stripping length / Blade size	mm/-	0.5...4			
		0.5...2.5 / 0.5...2.5			
		10 / 0.6 x 3.5 mm			
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Rated data					
Rated voltage	V	IEC 60947-7-1			II 2 G D
Rated current	A	IEC	UL	CSA	
Rated cross-section	mm²	800	600 (C)	300 (D)	
Rated impulse withstand voltage / Pollution severity		24	20 (C)	10 (D)	
Gauge to IEC 60947-1 / Flammability class UL94		2.5	AWG 30...12	AWG 30...12	
Approvals			8 kV / 3		
Clamped conductors (H05V/H07V)			A2 / V-0		
Solid / stranded	mm²				
Flexible / Flexible with ferrule	mm²	**Rated connection**			
Stripping length / Blade size	mm/-	0.5...4			
		0.5...2.5 / 0.5...2.5			
		10 / 0.6 x 3.5 mm			
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Ordering data

Version		Type	Qty.	Order No.
	Dark beige Wemid	ZDK 2.5-2	50	1790990000
	Blue Wemid	ZDK 2.5-2 BL	50	1791000000
Note		The rated voltage is reduced to 400 V when using the cross-connection.		

Version		Type	Qty.	Order No.
	Dark beige Wemid	ZDK 2.5-2V	50	1791030000
	Blue Wemid	ZDK 2.5-2V BL	50	1791040000
Note		The rated voltage is reduced to 400 V when using the cross-connection.		

Accessories

Pluggable cross-connection		Type	current	Qty.	Order No.
	2-pole	ZQV 2.5/2	24 A	60	1608860000
	3-pole	ZQV 2.5/3	24 A	60	1608870000
	4-pole	ZQV 2.5/4	24 A	60	1608880000
	10-pole	ZQV 2.5/10	24 A	20	1608940000
	20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate			**Width**		
	Dark beige Wemid	ZAP/TW ZDK2.5-2	2 mm	20	1791050000
	Blue Wemid	ZAP/TW ZDK2.5-2 BL	2 mm	20	1791060000
End bracket					
	Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter					
	With assembly peg	ZTA 4	5.1 mm	25	1688110000
Screwdriver					
	Standard	SDIS SL 0.6X3.5X100		1	1274660000
	With "swifty set" cutting device				
Reducing sleeves					
	For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	1678810000
	For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	1678800000
Cover					
	With lightning flash symbol	ZAD 1/4-2 GE	8 mm	20	1764560000

Pluggable cross-connection		Type	current	Qty.	Order No.
	2-pole	ZQV 2.5/2	24 A	60	1608860000
	3-pole	ZQV 2.5/3	24 A	60	1608870000
	4-pole	ZQV 2.5/4	24 A	60	1608880000
	10-pole	ZQV 2.5/10	24 A	20	1608940000
	20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate			**Width**		
	Dark beige Wemid	ZAP/TW ZDK2.5-2	2 mm	20	1791050000
	Blue Wemid	ZAP/TW ZDK2.5-2 BL	2 mm	20	1791060000
End bracket					
	Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter					
	With assembly peg	ZTA 4	5.1 mm	25	1688110000
Screwdriver					
	Standard	SDIS SL 0.6X3.5X100		1	1274660000
	With "swifty set" cutting device				
Reducing sleeves					
	For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	1678810000
	For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	1678800000
Cover					
	With lightning flash symbol	ZAD 1/4-2 GE	8 mm	20	1764560000

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5
Note	ZDK 2.5-2/LD 24VUC order number 1905310000

DEK 5/5 / WS 10/5

Roof-style

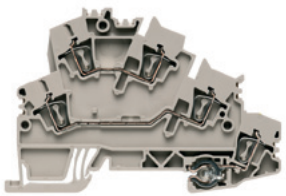
The compact terminal range for conductor cross-sections 0.13 to 16 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

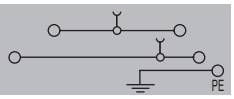
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDKPE 2.5-2 — 2.5 mm²

Double-tier terminal with one-sided PE connection

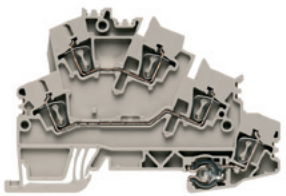


5.1 x 89.5 x 60.5
24 / 4
0.05...4

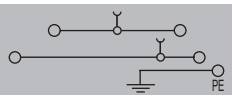


ZDKPE 2.5-2/N/L/PE — 2.5 mm²

Double-tier terminal with one-sided PE connection



5.1 x 89.5 x 60.5
24 / 4
0.05...4



Technical data

Rated data		ZDKPE 2.5-2	ZDKPE 2.5-2/N/L/PE
		IEC 60947-7-1 (-7-2)	IEC 60947-7-1 (-7-2)
Rated voltage	V	800 (IEC) / 600 (C) (UL) / 300 (D) (CSA)	800 (IEC) / 600 (C) (UL)
Rated current	A	24 (IEC) / 20 (C) (UL) / 10 (D) (CSA)	24 (IEC) / 20 (C) (UL)
Rated cross-section	mm²	2.5 (IEC) / AWG 26...12 (UL) / AWG 30...12 (CSA)	2.5 (IEC) / AWG 26...12 (UL)
Rated impulse withstand voltage / Pollution severity		8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A2 / V-0	A2 / V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	Dark beige Wemid	ZDKPE 2.5-2	50	**1805940000**	ZDKPE 2.5-2/N/L/PE	50	**1895700000**
	Blue Wemid						
Note		The rated voltage is reduced to 400 V when using the cross-connection.			The rated voltage is reduced to 400 V when using the cross-connection.		

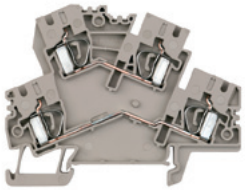
Accessories

		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection									
	2-pole	ZQV 2.5/2	24 A	60	**1608860000**	ZQV 2.5/2	24 A	60	**1608860000**
	3-pole	ZQV 2.5/3	24 A	60	**1608870000**	ZQV 2.5/3	24 A	60	**1608870000**
	4-pole	ZQV 2.5/4	24 A	60	**1608880000**	ZQV 2.5/4	24 A	60	**1608880000**
	10-pole	ZQV 2.5/10	24 A	20	**1608940000**	ZQV 2.5/10	24 A	20	**1608940000**
	20-/24-pole	ZQV 2.5/20	24 A	20	**1908960000**	ZQV 2.5/20	24 A	20	**1908960000**
End plate / Partition plate			**Width**				**Width**		
	Dark beige Wemid	ZAP/TW ZDKPE2.5-2	2 mm	25	**1805960000**	ZAP/TW ZDKPE2.5-2	2 mm	25	**1805960000**
	Blue Wemid								
End bracket									
	Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**	ZEW 35	6 mm	20	**9540000000**
Test adapter									
	With assembly peg	ZTA 4	5.1 mm	25	**1688110000**	ZTA 4	5.1 mm	25	**1688110000**
Screwdriver									
	Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
	With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**	SWIFTY SET	18 mm	1	**9006060000**
Reducing sleeves									
	For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	**1678810000**	ZRH 1.5H/1	4.85 mm	1000	**1678810000**
	For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	**1678800000**	ZRH 1.5H/2	4.85 mm	1000	**1678800000**
Cover									
	With lightning flash symbol	ZAD 1/4-2 GE	8 mm	20	**1764560000**	ZAD 1/4-2 GE	8 mm	20	**1764560000**

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5
Note		

Roof-style

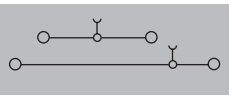
ZDK 4 -2	4 mm²
Double-level terminal	

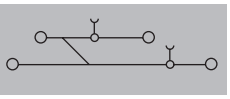


ZDK 4-2 V	4 mm²
Vertical cross-connected double-level terminal	

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	6.1 x 77.6 x 61	6.1 x 77.6 x 61
max. current / max. cond. cross-section	A/mm²	**32 / 6**	**32 / 6**
Max. clamping range	mm²	**0.13...6**	**0.13...6**





Technical data

Rated data		ZDK 4-2	ZDK 4-2 V
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		

IEC	UL	CSA
800	600 (C)	600 (C)
32	25 (C)	30 (C)
4	AWG 26...10	AWG 26...10
	8 kV / 3	
	A3 / V-0	

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

IEC	UL	CSA
800	600 (C)	600 (C)
32	25 (C)	30 (C)
4	AWG 26...10	AWG 26...10
	8 kV / 3	
	A3 / V-0	

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Note

Ordering data

Version		Type	Qty.	Order No.
	Dark beige Wemid	ZDK 4-2	50	**8670750000**
	Blue Wemid	ZDK 4-2 BL	50	**8670850000**

Note

Type	Qty.	Order No.
ZDK 4-2 V	50	**8671080000**

Accessories

Pluggable cross-connection		Type	current	Qty.	Order No.
	2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
	3-pole	ZQV 4/3 GE	32 A	60	**1608960000**
	4-pole	ZQV 4/4 GE	32 A	60	**1608970000**
	10-pole	ZQV 4/10 GE	32 A	20	**1609030000**
	20-/24-pole	ZQV 4/20 GE	32 A	20	**1909010000**
End plate / Partition plate			**Width**		
	Dark beige Wemid	ZAP/TW ZDK4-2	2 mm	50	**8670760000**
	Blue Wemid	ZAP/TW ZDK4-2 BL	2 mm	50	**8670620000**
End bracket					
	Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Test adapter					
	With assembly peg	ZTA 6/ZA	6.1 mm	25	**1780660000**
Screwdriver					
	Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
	With "swifty set" cutting device				
Reducing sleeves					
	For conductors < 0.5 mm² / AWG 20				
	For conductors < 1.0 mm² / AWG 18				
Cover					
	With lightning flash symbol	ZAD 1/4	8 mm	20	**1609110000**

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	**1608950000**
ZQV 4/3 GE	32 A	60	**1608960000**
ZQV 4/4 GE	32 A	60	**1608970000**
ZQV 4/10 GE	32 A	20	**1609030000**
ZQV 4/20 GE	32 A	20	**1909010000**
	Width		
ZAP/TW ZDK4-2	2 mm	50	**8670760000**
ZAP/TW ZDK4-2 BL	2 mm	50	**8670620000**
ZEW 35	6 mm	20	**9540000000**
ZTA 6/ZA	6.1 mm	25	**1780660000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZAD 1/4	8 mm	20	**1609110000**

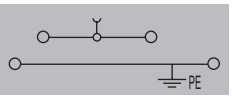
Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/6	DEK 5/6

Note

ZDK 4-2 DU/PE — 4 mm²

Phase - PE conductor

6.1 x 77.6 x 61
32 / 6
0.13...6



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
800	600 (C)	600 (C)
32	25 (C)	30 (C)
4	AWG 26...10	AWG 26...10
	8 kV / 3	
	A3 / V-0	

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 4-2/DU-PE	50	**8671120000**

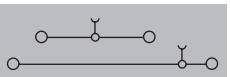
Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	**1608950000**
ZQV 4/3 GE	32 A	60	**1608960000**
ZQV 4/4 GE	32 A	60	**1608970000**
ZQV 4/10 GE	32 A	20	**1609030000**
ZQV 4/20 GE	32 A	20	**1909010000**
	Width		
ZAP/TW ZDK4-2	2 mm	50	**8670760000**
ZAP/TW ZDK4-2 BL	2 mm	50	**8670620000**
ZEW 35	6 mm	20	**9540000000**
ZTA 6/ZA	6.1 mm	25	**1780660000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZAD 1/4	8 mm	20	**1609110000**

DEK 5/6

ZDK 4-2/N/L — 4 mm²

Double-level terminal

6.1 x 77.6 x 61
32 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	
32	25 (C)	
4	AWG 26...10	
	8 kV / 3	
	A3 / V-0	

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 4-2/N/L	50	**1905170000**

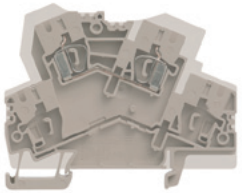
Upper level printed blue

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	**1608950000**
ZQV 4/3 GE	32 A	60	**1608960000**
ZQV 4/4 GE	32 A	60	**1608970000**
ZQV 4/10 GE	32 A	20	**1609030000**
ZQV 4/20 GE	32 A	20	**1909010000**
	Width		
ZAP/TW ZDK4-2	2 mm	50	**8670760000**
ZAP/TW ZDK4-2 BL	2 mm	50	**8670620000**
ZEW 35	6 mm	20	**9540000000**
ZTA 6/ZA	6.1 mm	25	**1780660000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZAD 1/4	8 mm	20	**1609110000**

DEK 5/6

ZDK 4-2/2AN — 4 mm²

NEW



8.1 x 78 x 61
/ 6
0.13...6

IEC	UL	CSA
800		
32		
4	AWG 26...10	
	/ 3	
	A3 / V-0	

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 4-2/2AN	50	**1119700000**

Type	current	Qty.	Order No.
	Width		
ZEW 35	6 mm	20	**9540000000**
ZTA 6/ZA	6.1 mm	25	**1780660000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZAD 1/4	8 mm	20	**1609110000**

DEK 5/6

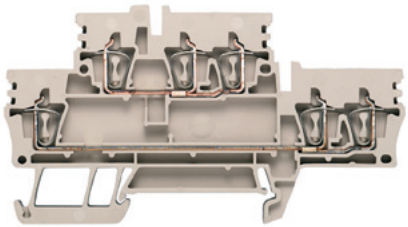
Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

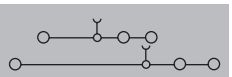
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDK 2.5/3AN — 2.5 mm²

Double-level terminal

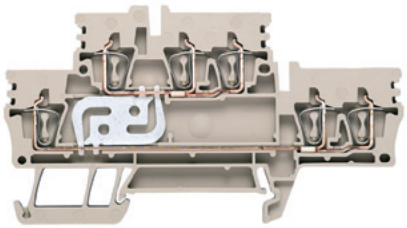


5.1 x 93 x 51.5
24 / 4
0.05...4



ZDK 2.5/3AN V — 2.5 mm²

Vertical cross-connected double-level terminal



5.1 x 93 x 51.5
24 / 4
0.05...4

Technical data

Rated data			
Rated voltage	V	IEC 60947-7-1	II 2 G D
Rated current	A		
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		

IEC	UL	CSA
800	300 (C)	300 (C)
24	20 (C)	24 (C)
2.5	AWG 30...12	AWG 30...12
	8 kV / 3	
	A2 / V-0	

Rated connection
0.5...4 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC	UL	CSA
800	300 (C)	300 (C)
24	20 (C)	24 (C)
2.5	AWG 30...12	AWG 30...12
	8 kV / 3	
	A2 / V-0	

Rated connection
0.5...4 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid

Note

Type	Qty.	Order No.
ZDK 2.5/3AN	50	1924510000
ZDK 2.5/3AN BL	50	1924500000

Diode versions ZDK 2.5/3AN D1, 1924440000 and ZDK 2.5/3AN D2, 1924450000.

Type	Qty.	Order No.
ZDK 2.5/3AN V	50	1924490000
ZDK 2.5/3AN V BL	50	1924480000

Accessories

Pluggable cross-connection						
	2-pole	ZQV 2.5/2	24 A	60	1608860000	
	3-pole	ZQV 2.5/3	24 A	60	1608870000	
	4-pole	ZQV 2.5/4	24 A	60	1608880000	
	10-pole	ZQV 2.5/10	24 A	20	1608940000	
	20-/24-pole	ZQV 2.5/20	24 A	20	1908960000	
End plate / Partition plate			**Width**			
	Dark beige Wemid	ZAP/TW ZDK 2.5/3AN	1.5 mm	20	1924910000	
End bracket						
	Dark beige Wemid	ZEW 35	6 mm	20	9540000000	
Test adapter						
	Standard	ZTA ZT2.5	5.1 mm	25	1827080000	
	With assembly peg	ZTA ZT2.5/ZA	5.1 mm	25	1847600000	
Screwdriver						
	Standard	SDIS SL 0.6X3.5X100		1	1274660000	
Reducing sleeves						
	For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	1678810000	
	For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	1678800000	
Cover						
	With lightning flash symbol	ZAD 9/4	6 mm	20	1934160000	

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDK 2.5/3AN	1.5 mm	20	1924910000
ZEW 35	6 mm	20	9540000000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000
ZAD 9/4	6 mm	20	1934160000

Identification systems	(see assortment in catalogue 7)
	Marking tags

Note

SNAPMARK I / DEK 5/5 / WS 10/5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

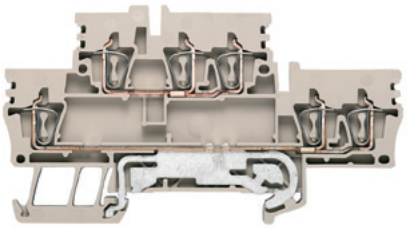
SNAPMARK I / DEK 5/5 / WS 10/5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Compact style

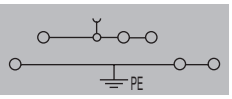
ZDK 2.5/3AN DU-PE — 2.5 mm²

Double-level terminal (DU-PE)



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	5.1 x 93 x 51.5
max. current / max. cond. cross-section	A/mm²	**31 / 4**
Max. clamping range	mm²	**0.05...4**



Technical data

Rated data				
Rated cross-section	mm²	IEC 60947-7-1 (-7-2)		II 2 G D
Rated voltage to adjoining terminal	V	800		
Rated impulse withstand voltage to adjacent terminal	kV	8		
Pollution severity			3	
Gauge to IEC 60947-1 / Flammability class UL94			A2 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**IEC**	**UL**	**CSA**
Solid / stranded	mm²	2.5	AWG 30...12	AWG 30...12
Flexible / Flexible with ferrule	mm²			
Stripping length / Blade size	mm/-			
Rated connection				
		0.5...4 / 0.5...2.5		
		0.5...2.5 / 0.5...2.5		
		10 / 0.6 x 3.5 mm		

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
green/yellow Wemid	ZDK 2.5/3AN DU-PE	50	**1924460000**

Note

Accessories

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
20-/24-pole	ZQV 2.5/20	24 A	20	**1908960000**
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW ZDK 2.5/3AN	1.5 mm	20	**1924910000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Test adapter				
Standard	ZTA ZT2.5	5.1 mm	25	**1827080000**
With assembly peg	ZTA ZT2.5/ZA	5.1 mm	25	**1847600000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	**1678810000**
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	**1678800000**
Cover				
With lightning flash symbol	ZAD 9/4	6 mm	20	**1934160000**

Identification systems (see assortment in catalogue 7)	
Marking tags	SNAPMARK I / DEK 5/5 / WS 10/5

Note

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Standard form

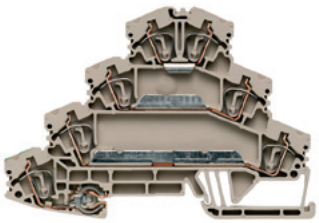
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

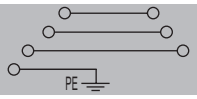
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZMAK 2.5 — 2.5 mm²

Motor-supply terminal



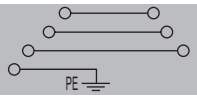
5.1 x 102 x 70	
31 / 4	
0.13...4	



ZMAK 2.5 690 V — 2.5 mm²

Motor-supply terminal

6.1 x 102 x 70	
31 / 4	
0.13...4	



Technical data

Rated data	ZMAK 2.5	ZMAK 2.5 690 V
	IEC 60947-7-1 (-7-2)	IEC 60947-7-1 (-7-2)
	IEC / UL / CSA	IEC / UL / CSA
Rated voltage V	400 / 300 (D) / 300 (D)	690 / 300 (D) /
Rated current A	24 / 10 (D) / 25 (D)	24 / 10 (D) /
Rated cross-section mm²	2.5 / AWG 26...12 / AWG 26...12	2.5 / AWG 26...12 /
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94	A3 / V-0	A3 / V-0
Approvals		
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / stranded mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	ZMAK 2.5	25	**1768000000**
Note	The ZMAK 2.5 690 V: with pre-assembled end plate and a width of 6.1 mm!		

Type	Qty.	Order No.
ZMAK 2.5 690V	25	**1027550000**
The ZMAK 2.5 690 V: with pre-assembled end plate and a width of 6.1 mm!		

Accessories

End plate / Partition plate	Type	Width	Qty.	Order No.
Dark beige Wemid	ZAP ZMAK2.5	1.5 mm	10	**1768010000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	**1678810000**
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	**1678800000**
Test adapter				
Standard	ZTA 1	5.1 mm	25	**1609040000**

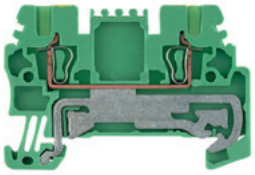
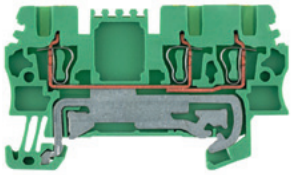
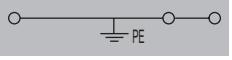
Type	Width	Qty.	Order No.
ZAP ZMAK2.5	1.5 mm	10	**1768010000**
ZEW 35	6 mm	20	**9540000000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 1.5H/1	4.85 mm	1000	**1678810000**
ZRH 1.5H/2	4.85 mm	1000	**1678800000**

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 12/5	DEK 5/5 / WS 12/5
Note		

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		ZPE 1.5	ZPE 1.5/3AN
		1.5 mm²	1.5 mm²
		Two connections	Three connections
			
Width/Length/Height of lowest version	mm	3.5 x 54.5 x 37	3.5 x 63 x 37
max. current / max. cond. cross-section	A/mm²	/ 1.5	/ 1.5
Max. clamping range	mm²	0.05...1.5	0.05...1.5
			

Technical data

		ZPE 1.5	ZPE 1.5/3AN
Rated data			
Rated cross-section	mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal	V	Ex e II II 2 G D	Ex e II II 2 G D
Rated impulse withstand voltage to adjacent terminal	kV		
Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		

IEC	UL	CSA	EN 60079-7	ZPE 1.5	ZPE 1.5/3AN
1.5	AWG 26...14	AWG 26...14	1.5		
500					
6					
		3			
		B1 / V-0			
			KEMA 01ATEX2106 U		
Rated connection					
0.5...1.5					
0.5...1.5 / 0.5...1.5					
10 / 0.4 x 2.0 mm					

Note

Ordering data

Version	ZPE 1.5	ZPE 1.5/3AN
	green/yellow Wemid	

Type	Qty.	Order No.	Type	Qty.	Order No.
ZPE 1.5	100	1775510000	ZPE 1.5/3AN	100	1775560000

Note

Accessories

		ZPE 1.5	ZPE 1.5/3AN
End plate / Partition plate			
	Dark beige Wemid		
End bracket			
	Dark beige Wemid		
Test adapter			
	Standard		
	With assembly peg		
Screwdriver			
	Standard		
Reducing sleeves			
	For conductors < 0.5 mm² / AWG 20		
	For conductors < 1.0 mm² / AWG 18		

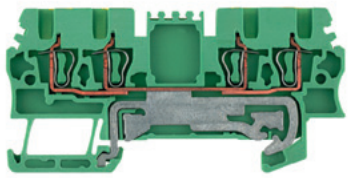
Type	Width	Qty.	Order No.	Type	Width	Qty.	Order No.
ZAP/TW ZDU1.5/2AN	2 mm	20	1776030000	ZAP/TW ZDU1.5/3AN	2 mm	20	1776060000
ZEW 35	6 mm	20	9540000000	ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000	ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000	ZTA 5/ZA	3.5 mm	25	1776220000
SDS 0.4X2.0X60		1	9037160000	SDS 0.4X2.0X60		1	9037160000
ZRH 1.5S/1	4.55 mm	500	1781950000	ZRH 1.5S/1	4.55 mm	500	1781950000
ZRH 1.5S/2	4.55 mm	500	1781960000	ZRH 1.5S/2	4.55 mm	500	1781960000

Identification systems (see assortment in catalogue 7)	ZPE 1.5	ZPE 1.5/3AN
Marking tags	DEK 5/3,5 / WS 12/3,5	DEK 5/3,5 / WS 12/3,5

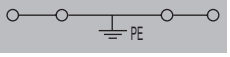
Note

ZPE 1.5/4AN — 1.5 mm²

Four connections



3.5 x 75.5 x 37
/ 1.5
0.05...1.5



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...12	1.5
500			
6			
3			
B1 / V-0			
KEMA 01ATEX2106 U			

Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

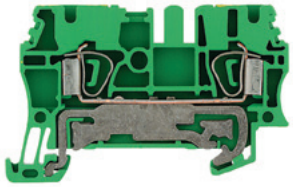
Type	Qty.	Order No.
ZPE 1.5/4AN	100	**1775620000**

Type	Width	Qty.	Order No.
ZAP/TW ZDU1.5/4AN	2 mm	20	**1776090000**
ZEW 35	6 mm	20	**9540000000**
ZTA 5	3.5 mm	25	**1776210000**
ZTA 5/ZA	3.5 mm	25	**1776220000**
SDS 0.4X2.0X60		1	**9037160000**
ZRH 1.5S/1	4.55 mm	500	**1781950000**
ZRH 1.5S/2	4.55 mm	500	**1781960000**

DEK 5/3,5 / WS 12/3,5

ZPE 2.5 — 2.5 mm²

Two connections



5.1 x 63 x 39.5
/ 4
0.05...4

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5
800			
8			
3			
A3 / V-0			
KEMA 97ATEX2521 U			

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5	100	**1608640000**

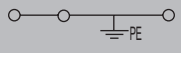
Type	Width	Qty.	Order No.
ZAP/TW 1	2 mm	50	**1608740000**
ZEW 35	6 mm	20	**9540000000**
ZTA 1	5.1 mm	25	**1609040000**
ZTA 1/ZA	5.1 mm	25	**1609050000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 2.5/1 WS	5.55 mm	1000	**1614300000**
ZRH 2.5/2 GR/V0	5.55 mm	1000	**1614290000**

DEK 5/5 / WS 10/5

ZPE 2.5/3AN — 2.5 mm²

Three connections

5.1 x 64.5 x 39.5
/ 4
0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5
800			
8			
3			
A3 / V-0			
KEMA 97ATEX2521 U			

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5/3AN	100	**1608650000**

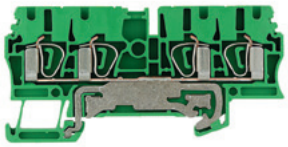
Type	Width	Qty.	Order No.
ZAP/TW 2 DB	2 mm	50	**1608770000**
ZEW 35	6 mm	20	**9540000000**
ZTA 1	5.1 mm	25	**1609040000**
ZTA 1/ZA	5.1 mm	25	**1609050000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 2.5/1 WS	5.55 mm	1000	**1614300000**
ZRH 2.5/2 GR/V0	5.55 mm	1000	**1614290000**

DEK 5/5 / WS 10/5

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		ZPE 2.5/4AN	ZPE 4
		2.5 mm²	4 mm²
		Four connections	Two connections
			
Width/Length/Height of lowest version	mm	5.1 x 79.5 x 39.5	6.1 x 64 x 43.5
max. current / max. cond. cross-section	A/mm²	/ 4	/ 6
Max. clamping range	mm²	0.05...4	0.13...6

Technical data

		ZPE 2.5/4AN				ZPE 4			
Rated data									
Rated cross-section	mm²	IEC 2.5	UL AWG 30...12	CSA AWG 26...12	EN 60079-7 2.5	IEC 4	UL AWG 26...10	CSA AWG 26...10	EN 60079-7 4
Rated voltage to adjoining terminal	V	800				800			
Rated impulse withstand voltage to adjacent terminal	kV	8				8			
Pollution severity		3				3			
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0				A4 / V-0			
Approvals		IEC 60947-7-2 Ex e II II 2 G D KEMA 97ATEX2521 U				IEC 60947-7-2 Ex e II II 2 G D KEMA 97ATEX2521 U			
Clamped conductors (H05V/H07V)									
Solid / stranded	mm²	**Rated connection**				**Rated connection**			
Flexible / Flexible with ferrule	mm²	0.5...4				0.5...6 / 1.5...6			
Stripping length / Blade size	mm/-	0.5...4 / 0.5...2.5				0.5...6 / 0.5...4			
		10 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			
Note									

Ordering data

Version	ZPE 2.5/4AN Type	Qty.	Order No.	ZPE 4 Type	Qty.	Order No.
green/yellow Wemid	ZPE 2.5/4AN	100	1608660000	ZPE 4	100	1632080000
Note						

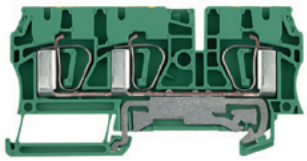
Accessories

	ZPE 2.5/4AN Type	Width	Qty.	Order No.	ZPE 4 Type	Width	Qty.	Order No.
End plate / Partition plate								
Dark beige Wemid	ZAP/TW 3	2 mm	50	1608800000	ZAP/TW 4	2 mm	50	1632090000
End bracket								
Dark beige Wemid	ZEW 35	6 mm	20	9540000000	ZEW 35	6 mm	20	9540000000
Test adapter								
Standard	ZTA 1	5.1 mm	25	1609040000	ZTA 2 ZDU4	6.1 mm	25	1609060000
With assembly peg	ZTA 1/ZA	5.1 mm	25	1609050000	ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	1274660000	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves								
For conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS	5.55 mm	1000	1614300000	ZRH 4/1 WS	7.4 mm	1000	1636640000
For conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0	5.55 mm	1000	1614290000	ZRH 4/2	7.4 mm	1000	1636650000

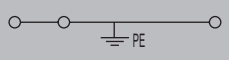
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 10/5	DEK 5/6 / WS 12/6
Note		

ZPE 4/3 AN — 4 mm²

Three connections



6.1 x 85.5 x 43.5
/ 6
0.13...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
	3		
	A4 / V-0		
			KEMA 00ATEX2107 U

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

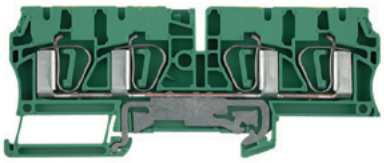
Type	Qty.	Order No.
ZPE 4/3AN	50	**7904170000**

Type	Width	Qty.	Order No.
ZAP/TW 4/3AN	2 mm	20	**7904100000**
ZEW 35	6 mm	20	**9540000000**
ZTA 2 ZDU4	6.1 mm	25	**1609060000**
ZTA 2/ZA ZDU4	6.1 mm	25	**1609070000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 4/1 WS	7.4 mm	1000	**1636640000**
ZRH 4/2	7.4 mm	1000	**1636650000**

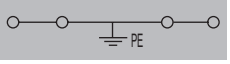
DEK 5/6 / WS 12/6

ZPE 4/4 AN — 4 mm²

Four connections



6.1 x 104.5 x 43.5
/ 6
0.13...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
	3		
	A4 / V-0		
			KEMA 00ATEX2107 U

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4/4AN	50	**7904280000**

Type	Width	Qty.	Order No.
ZAP/TW4/4AN	2 mm	20	**7904210000**
ZEW 35	6 mm	20	**9540000000**
ZTA 2 ZDU4	6.1 mm	25	**1609060000**
ZTA 2/ZA ZDU4	6.1 mm	25	**1609070000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 4/1 WS	7.4 mm	1000	**1636640000**
ZRH 4/2	7.4 mm	1000	**1636650000**

DEK 5/6 / WS 12/6

Standard model

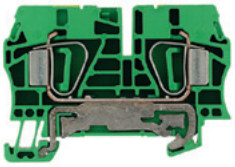
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

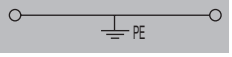
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZPE 6 — 6 mm²

Two connections

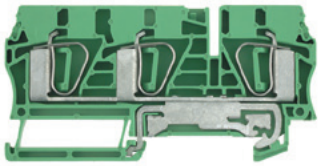


8.1 x 65 x 45.5
/ 10
0.22...10

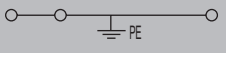


ZPE 6/3 AN — 6 mm²

Three connections



8.1 x 90 x 45.5
/ 10
0.22...10



Technical data

Rated data	ZPE 6	ZPE 6/3 AN
Rated cross-section	6 mm²	6 mm²
Rated voltage to adjoining terminal	800 V	800 V
Rated impulse withstand voltage to adjacent terminal	8 kV	8 kV
Pollution severity	3	3
Gauge to IEC 60947-1 / Flammability class UL94	A5 / V-0	A5 / V-0
Approvals	KEMA 97ATEX2521 U	KEMA 00ATEX2107 U
Clamped conductors (H05V/H07V)		
Solid / stranded	0.5...10 / 1.5...10 mm²	0.5...10 / 1.5...10 mm²
Flexible / Flexible with ferrule	0.5...10 / 0.5...6 mm²	0.5...10 / 0.5...6 mm²
Stripping length / Blade size	13 / 0.6 x 3.5 mm	13 / 0.6 x 3.5 mm
Note		

	IEC	UL	CSA	EN 60079-7
ZPE 6	IEC 60947-7-2		Ex e II	II 2 G D
ZPE 6/3 AN	IEC 60947-7-2		Ex e II	II 2 G D

Ordering data

Version	Type	Qty.	Order No.
green/yellow Wemid	ZPE 6	50	1608670000
green/yellow Wemid	ZPE 6/3AN	50	7907400000
Note			

Accessories

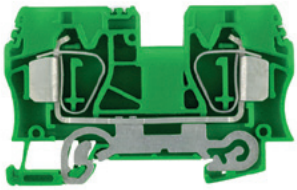
End plate / Partition plate	Type	Width	Qty.	Order No.
Dark beige Wemid	ZAP/TW 5	2 mm	50	1608830000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
Standard	ZTA 3 ZDU6	8.1 mm	25	1654050000
With assembly peg				
Screwdriver				
Standard	SDIS SL 1.0X4.5X125		1	1274680000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20				
For conductors < 1.0 mm² / AWG 18				

End plate / Partition plate	Type	Width	Qty.	Order No.
Dark beige Wemid	ZAP/TW6/3AN	2 mm	20	7907370000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
Standard	ZTA 3 ZDU6	8.1 mm	25	1654050000
With assembly peg				
Screwdriver				
Standard	SDIS SL 1.0X4.5X125		1	1274680000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20				
For conductors < 1.0 mm² / AWG 18				

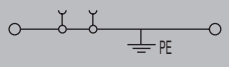
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/8 / WS 12/6	DEK 5/8 / WS 12/6
Note		

ZPE 10 — 10 mm²

Two connections



10.1 x 73.5 x 50.5
/ 16
1.31...16



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10
800			
8			
	3		
	A6 / V-0		
			KEMA 99ATEX5514 U

Rated connection
1.5...16 / 10...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

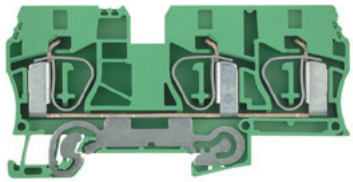
Type	Qty.	Order No.
ZPE 10	25	**1746770000**

Type	Width	Qty.	Order No.
ZAP/TW ZDU10	2.7 mm	20	**1748660000**
ZEW 35	6 mm	20	**9540000000**
SDIS SL 1.0X4.5X125		1	**1274680000**

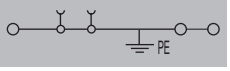
DEK 5/5 / WS 12/6

ZPE 10/3 AN — 10 mm²

Three connections



10.1 x 99 x 50.5
/ 16
1.31...16



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10
800			
8			
	3		
	A6 / V-0		
			KEMA 00ATEX2107 U

Rated connection
1.5...16 / 10...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZPE 10/3AN	20	**1767670000**

Type	Width	Qty.	Order No.
ZAP/TW 10/16	3 mm	20	**1749580000**
ZEW 35	6 mm	20	**9540000000**
SDIS SL 1.0X4.5X125		1	**1274680000**

DEK 5/5 / WS 12/6

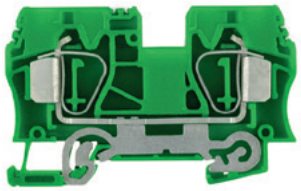
Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

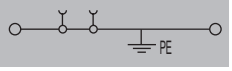
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

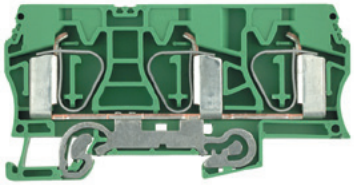
ZPE 16	16 mm²
Two connections	



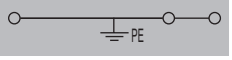
12.1 x 82.5 x 51.5
/ 25
1.5...25



ZPE 16/3AN	16 mm²
Three connections	



12.1 x 99 x 51.5
/ 25
1.5...25



Technical data

Rated data				
Rated cross-section	mm²			
Rated voltage to adjoining terminal	V			
Rated impulse withstand voltage to adjacent terminal	kV			
Pollution severity				
Gauge to IEC 60947-1 / Flammability class UL94				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / stranded	mm²			
Flexible / Flexible with ferrule	mm²			
Stripping length / Blade size	mm/-			
Note				

IEC 60947-7-2			Ex e II II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
16	AWG 14...4	AWG 14...4	16
800			
8			
	3		
	A7 / V-0		
			KEMA 99ATEX5514 U
Rated connection			
1.5...16 / 16...25			
1.5...16 / 1.5...16			
18 / 1.0 x 5.5 mm			
To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.			

IEC 60947-7-2			Ex e II II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
16	AWG 14...4	AWG 14...4	16
800			
8			
	3		
	A7 / V-0		
			KEMA 00ATEX2107 U
Rated connection			
1.5...16 / 16...25			
1.5...16 / 1.5...16			
18 / 1.0 x 5.5 mm			
To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.			

Ordering data

Version			
	green/yellow Wemid		
Note			

Type	Qty.	Order No.
ZPE 16	25	**1745250000**

Type	Qty.	Order No.
ZPE 16/3AN	20	**1768310000**

Accessories

End plate / Partition plate			
	Dark beige Wemid		
End bracket			
	Dark beige Wemid		
Test adapter			
	Standard		
	With assembly peg		
Screwdriver			
	Standard		
Reducing sleeves			
	For conductors < 0.5 mm² / AWG 20		
	For conductors < 1.0 mm² / AWG 18		

Type	Width	Qty.	Order No.
ZAP/TW ZDU16	3 mm	20	**1745150000**
ZEW 35	6 mm	20	**9540000000**
SDIS SL 1.0X4.5X125		1	**1274680000**

Type	Width	Qty.	Order No.
ZAP/TW 10/16	3 mm	20	**1749580000**
ZEW 35	6 mm	20	**9540000000**
SDIS SL 1.0X4.5X125		1	**1274680000**

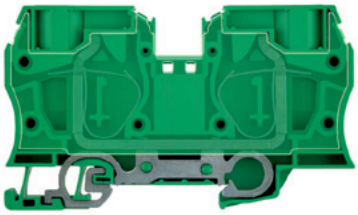
Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

DEK 5/5 / WS 15/5
The plug-in cross-connections ZQV 16/2 (1739690000) can be used.

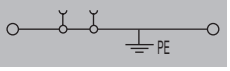
DEK 5/5 / WS 15/5

ZPE 35 — 35 mm²

Two connections



16 x 100.5 x 59.5
/ 35
2.5...35



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35
800			
8			
	3		
	A8 / V-0		
			KEMA 00ATEX2107 U

Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
25 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 35	10	**1739650000**
Integrated end plate.		

Type	Width	Qty.	Order No.
ZEW 35	6 mm	20	**9540000000**
SDIS SL 1.0X4.5X125		1	**1274680000**

DEK 5/5 / WS 15/5
The plug-in cross-connections ZQV 35/2 (1739700000) can be used.

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

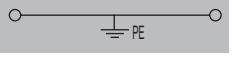
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZPE 2.5-2 — 2.5 mm²

Two connections

5.1 x 50.5 x 44
/ 4
0.13...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			
KEMA 97ATEX4677 U			

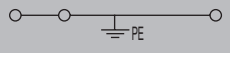
Rated connection
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZPE 2.5-2/3AN — 2.5 mm²

Three connections

5.1 x 50.5 x 44
/ 4
0.13...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...14	2.5
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			
KEMA 97ATEX4677 U			

Rated connection
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Technical data

Rated data	
Rated cross-section	mm²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	green/yellow Wemid
Note	

Type	Qty.	Order No.
ZPE 2.5-2	100	1772090000

Type	Qty.	Order No.
ZPE 2.5-2/3AN	100	1706090000

Accessories

End plate / Partition plate			
	Dark beige Wemid		
End bracket			
	Dark beige Wemid		
Test adapter			
	With assembly peg		
Screwdriver			
	Standard		
Reducing sleeves			
	For conductors < 0.5 mm² / AWG 20		
	For conductors < 1.0 mm² / AWG 18		

Type	Width	Qty.	Order No.
ZAP/TW7	2.5 mm	50	1706110000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

Type	Width	Qty.	Order No.
ZAP/TW7	2.5 mm	50	1706110000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

DEK 5/5 / WS 14/5

DEK 5/5 / WS 14/5

ZPE 2.5-2/4AN — 2.5 mm²

Four connections

5.1 x 50.5 x 44
/ 4
0.13...4

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...14	2.5
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			
KEMA 97ATEX4677 U			

Rated connection
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZPE 2.5-2/4AN	100	1706100000

Type	Width	Qty.	Order No.
ZAP/TW7	2.5 mm	50	1706110000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

DEK 5/5 / WS 10/5

ZPE 4-2/2AN — 4 mm²

Two connections

6.1 x 61.5 x 46
/ 6
0.13...6

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			
KEMA 97ATEX4677 U			

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4-2/2AN	100	1770380000

Type	Width	Qty.	Order No.
ZAP ZDU4-2	2 mm	50	1770400000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 4/1 WS	7.4 mm	1000	1636640000
ZRH 4/2	7.4 mm	1000	1636650000

DEK 5/6 / WS 12/6

ZPE 4-2/3AN — 4 mm²

Three connections

6.1 x 61.5 x 46
/ 6
0.13...6

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			
KEMA 97ATEX4677 U			

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4-2/3AN	100	1770390000

Type	Width	Qty.	Order No.
ZAP ZDU4-2	2 mm	50	1770400000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 4/1 WS	7.4 mm	1000	1636640000
ZRH 4/2	7.4 mm	1000	1636650000

DEK 5/6 / WS 12/6

Roof-style

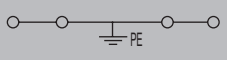
The compact terminal range for conductor cross-sections 0.13 to 16 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

ZPE 4-2/4 AN — 4 mm²

Four connections

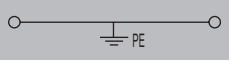
Width/Length/Height of lowest version	6.1 x 75 x 46
max. current / max. cond. cross-section	/ 6
Max. clamping range	0.13...6



ZPE 6-2/2AN — 6 mm²

Two connections

Width/Length/Height of lowest version	8.1 x 68 x 50
max. current / max. cond. cross-section	/ 10
Max. clamping range	0.22...10



Technical data

Rated data					
Rated cross-section	mm²				
Rated voltage to adjoining terminal	V				
Rated impulse withstand voltage to adjacent terminal	kV				
Rated short-time current					
Pollution severity					
Gauge to IEC 60947-1 / Flammability class UL94					
Approvals					
Clamped conductors (H05V/H07V)					
Solid / stranded	mm²				
Flexible / Flexible with ferrule	mm²				
Stripping length / Blade size	mm/-				
Note					

	IEC	UL	CSA	EN 60079-7
IEC 60947-7-2	Ex e II			II 2 G D
	4	AWG 26...10	AWG 26...10	4
	800			
	8			
	480 A (4 mm²)			
	3			
	A3 / V-0			
				KEMA 97ATEX4677 U
Rated connection				
	0.5...6			
	0.5...4 / 0.5...4			
	10 / 0.6 x 3.5 mm			
Note				

	IEC	UL	CSA	EN 60079-7
IEC 60947-7-2	Ex e II			II 2 G D
	6	AWG 22...8	AWG 20...8	6
	800			
	8			
	720 A (6 mm²)			
	3			
	A5 / V-0			
				KEMA 97ATEX4677 U
Rated connection				
	0.5...10			
	0.5...10 / 0.5...6			
	12 / 0.6 x 3.5 mm			
Note				

Ordering data

Version	
	green/yellow Wemid
Note	

Type	Qty.	Order No.
ZPE 4-2/4AN	100	1807090000

Type	Qty.	Order No.
ZPE 6-2/2AN	50	1771370000

Accessories

End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0.5 mm² / AWG 20
	For conductors < 1.0 mm² / AWG 18

Type	Width	Qty.	Order No.
ZAP ZDU4-2/4AN	2 mm	50	1807010000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 4/1 WS	7.4 mm	1000	1636640000
ZRH 4/2	7.4 mm	1000	1636650000

Type	Width	Qty.	Order No.
ZAP ZDU6-2	2 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SDIS SL 0.6X3.5X100		1	1274660000

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

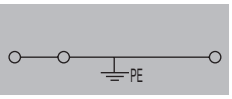
DEK 5/6 / WS 12/6

DEK 5/8

ZPE 6-2/3AN — 6 mm²

Three connections

8.1 x 68 x 50
/ 10
0.22...10



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			
			KEMA 97ATEX4677 U

Rated connection
0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm

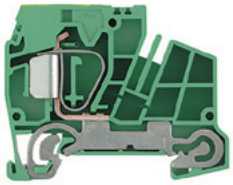
Type	Qty.	Order No.
ZPE 6-2/3AN	50	1771360000

Type	Width	Qty.	Order No.
ZAP ZDU6-2	2 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SDIS SL 0.8X4.0X100		1	1274670000

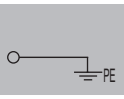
DEK 5/8

ZPE 16-2/1AN — 16 mm²

Supply terminal - PE



12 x 65 x 51.5
/ 25
1.5...25



IEC 60947-7-2

IEC	UL	CSA
16	AWG 14...4	AWG 26...14
800		
8		
1920 A (16 mm²)		
3		
A7 / V-0		

Rated connection
1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

Type	Qty.	Order No.
ZPE 16-2/1AN	20	1772960000

Type	Width	Qty.	Order No.
ZAP/Z...16-2/1AN	2.5 mm	10	1772970000
ZEW 35	6 mm	20	9540000000
SDIS SL 1.0X4.5X125		1	1274680000

DEK 5/8

The plug-in cross-connections ZQV 2.5/.. , ZQV 4/... and ZQV 6/... can be used.

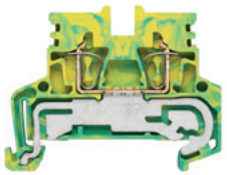
Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZPE 2.5N — 2.5 mm²

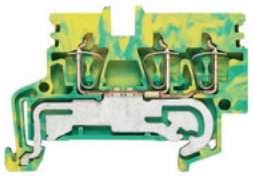
2 connections



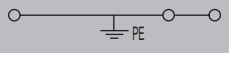
5.1 x 50.5 x 39
/ 4
0.05...4

ZPE 2.5N/3AN — 2.5 mm²

3 connections



5.1 x 56.5 x 39
/ 4
0.05...4



Technical data

Rated data		ZPE 2.5N	ZPE 2.5N/3AN
Rated cross-section	mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal	V	II 2 G D	II 2 G D
Rated impulse withstand voltage to adjacent terminal	kV		
Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		

IEC	UL	CSA	ZPE 2.5N	ZPE 2.5N/3AN
2.5	AWG 30...12	AWG 30...12		
800				
6				
	3			
	A2 / V-0			
Rated connection				
0.5...4 / 1.5...2.5				
0.5...2.5 / 0.5...1.5				
10 / 0.6 x 3.5 mm				

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
green/yellow Wemid	ZPE 2.5N	50	1933760000
	ZPE 2.5N/3AN	50	1933770000

Note

Accessories

	Type	Width	Qty.	Order No.
End plate / Partition plate				
Dark beige Wemid	ZAP/TW ZDU/ZPE 2.5N	2 mm	20	1933790000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
Standard	ZTA ZT2.5	5.1 mm	25	1827080000
With assembly peg	ZTA ZT2.5/ZA	5.1 mm	25	1847600000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	1678800000

	Type	Width	Qty.	Order No.
	ZAP/TW ZDU/ZPE 2.5N/3AN	2 mm	50	1933800000
	ZEW 35	6 mm	20	9540000000
	ZTA ZT2.5	5.1 mm	25	1827080000
	ZTA ZT2.5/ZA	5.1 mm	25	1847600000
	SDIS SL 0.6X3.5X100		1	1274660000
	ZRH 1.5H/1	4.85 mm	1000	1678810000
	ZRH 1.5H/2	4.85 mm	1000	1678800000

Identification systems	(see assortment in catalogue 7)
Marking tags	

Note

DEK 5/5 / WS 10/5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

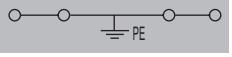
DEK 5/5 / WS 10/5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

ZPE 2.5N/4AN — 2.5 mm²

4 connections

5.1 x 60 x 39
/ 4
0.05...4



IEC 60947-7-2 — II 2 G D

IEC	UL	CSA
2.5	AWG 30...12	AWG 30...12
800		
6		
	3	
	A2 / V-0	

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZPE 2.5N/4AN	50	**1933780000**

Type	Width	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/4AN	2 mm	50	**1933810000**
ZEW 35	6 mm	20	**9540000000**
ZTA ZT2.5	5.1 mm	25	**1827080000**
ZTA ZT2.5/ZA	5.1 mm	25	**1847600000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 1.5H/1	4.85 mm	1000	**1678810000**
ZRH 1.5H/2	4.85 mm	1000	**1678800000**

DEK 5/5 / WS 10/5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Standard form

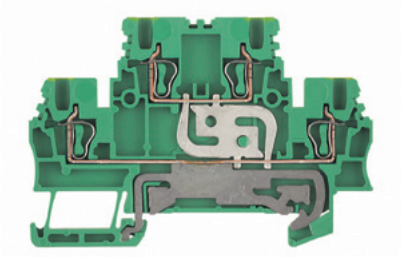
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

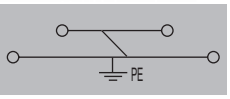
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDK 1.5 PE — 1.5 mm²

Double-level terminal



3.5 x 75.5 x 50
/ 1.5
0.05...1.5



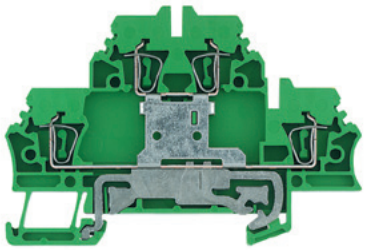
IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 28...16	AWG 28...16	1.5
500			
6			
		3	
		B1 / V-0	
			KEMA 01ATEX2106 U

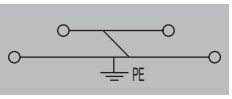
Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

ZDK 2.5 PE — 2.5 mm²

Vertically cross-connected



5.1 x 79.5 x 54
/ 2.5
0.05...2.5



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...14	AWG 26...12	2.5
500			
6			
		3	
		A2 / V-0	
			KEMA 97ATEX4677 U

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Technical data

Rated data	
Rated cross-section	mm²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	green/yellow Wemid
Note	

Type	Qty.	Order No.
ZDK 1.5PE	100	1791150000

Type	Qty.	Order No.
ZDK 2.5PE	50	1690000000

Accessories

End bracket			
	Dark beige Wemid	20	9540000000
Test adapter			
	Standard	25	1776210000
	With assembly peg	25	1776220000
Reducing sleeves			
	For conductors < 0.5 mm² / AWG 20	500	1781950000
	For conductors < 1.0 mm² / AWG 18	500	1781960000
End plate / Partition plate			
	Dark beige Wemid	20	1791160000
Screwdriver			
	Standard	1	9037160000
Reducing sleeves			
	For conductors < 0.5 mm² / AWG 20	500	1781950000
	For conductors < 1.0 mm² / AWG 18	500	1781960000

Type	Width	Qty.	Order No.
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
ZRH 1.5S/1	4.55 mm	500	1781950000
ZRH 1.5S/2	4.55 mm	500	1781960000
ZAP/TW ZDK1.5	2 mm	20	1791160000
SDS 0.4X2.0X60		1	9037160000
ZRH 1.5S/1	4.55 mm	500	1781950000
ZRH 1.5S/2	4.55 mm	500	1781960000

Type	Width	Qty.	Order No.
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

DEK 5/3,5

DEK 5/5 / WS 12/5

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm².

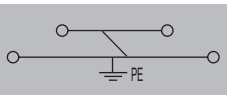
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDK 2.5-2 PE — 2.5 mm²

Four connections

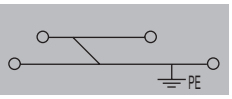
5.1 x 72.5 x 55.5
/ 4
0.05...4



ZDK 4-2 PE — 4 mm²

Four connections

6.1 x 77.6 x 61
/ 6
0.13...6



Technical data

		ZDK 2.5-2 PE	ZDK 4-2 PE
Rated data			
Rated cross-section	mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal	V	II 2 G D	
Rated impulse withstand voltage to adjacent terminal	kV		
Rated short-time current			
Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		

IEC	UL	CSA	ZDK 2.5-2 PE	ZDK 4-2 PE
2.5	AWG 26...12	AWG 30...12		
4	AWG 26...10	AWG 26...10		
800				
8				
300 A (2.5 mm²)				
480 A (4 mm²)				
3				
A2 / V-0				
A3 / V-0				

	ZDK 2.5-2 PE	ZDK 4-2 PE
Rated connection		
0.5...4		
0.5...6		
0.5...2.5 / 0.5...1.5		
0.5...4 / 0.5...4		
10 / 0.6 x 3.5 mm		
Note		
2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Ordering data

Version	Type	Qty.	Order No.
green/yellow Wemid	ZDK 2.5-2PE	50	1791010000
green/yellow Wemid	ZDK 4-2 PE	50	8671050000

Accessories

	Type	Width	Qty.	Order No.
End plate / Partition plate				
Dark beige Wemid	ZAP/TW ZDK2.5-2	2 mm	20	1791050000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
With assembly peg	ZTA 4	5.1 mm	25	1688110000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	1678800000

	Type	Width	Qty.	Order No.
End plate / Partition plate				
Dark beige Wemid	ZAP/TW ZDK4-2	2 mm	50	8670760000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
With assembly peg	ZTA 6/ZA	6.1 mm	25	1780660000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20				
For conductors < 1.0 mm² / AWG 18				

Identification systems (see assortment in catalogue 7)	ZDK 2.5-2 PE	ZDK 4-2 PE
Marking tags	DEK 5/5 / WS 10/5	DEK 5/6
Note		

Compact style

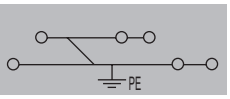
ZDK 2.5/3AN PE — 2.5 mm²

Double-level terminal

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

5.1 x 93 x 51.5	
/ 4	
0.05...4	



Technical data

IEC 60947-7-2 — II 2 G D

Rated data			
	IEC	UL	CSA
Rated voltage	800		300 (C)
Rated current			24 (C)
Rated cross-section	2.5	AWG 30...12	AWG 30...12
Rated impulse withstand voltage / Pollution severity		8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A2 / V-0	
Approvals			

Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Rated connection
0.5...4 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	
	green/yellow Wemid

Note

Type	Qty.	Order No.
ZDK 2.5/3AN PE	50	1924470000

Accessories

End plate / Partition plate			
	Dark beige Wemid		
End bracket			
	Dark beige Wemid		
Test adapter			
	Standard		
	With assembly peg		
Screwdriver			
	Standard		
Reducing sleeves			
	For conductors < 0.5 mm² / AWG 20		
	For conductors < 1.0 mm² / AWG 18		

Type	Width	Qty.	Order No.
ZAP/TW ZDK 2.5/3AN	1.5 mm	20	1924910000
ZEW 35/2	8 mm	20	8630740000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

Identification systems	(see assortment in catalogue 7)
	Marking tags

Note

SNAPMARK I / DEK 5/5 / WS 10/5

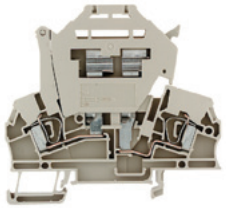
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

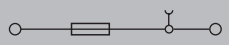
ZSI 2.5 — 2.5 mm²

For metric fuses 5 x 20 mm



Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

7.9 x 79.5 x 74
6.3 / 4
0.13...4



ZSI 2.5

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Note

IEC 60947-7-3

IEC	UL	CSA
500	300 (C)	600 (C)
6.3	10 (C)	15 (C)
2.5	AWG 26...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	Order No.
ZSI 2.5	1616400000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	52 °C	4.0 W / 6.3 A	27 °C	2.5 W / 2.5 A
In combination	55 °C	2.5 W / 6.3 A	41 °C	1.6 W / 6.3 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	ZSI 2.5	50	1616400000
10-36 V AC/DC, with LED			
30-70 V AC/DC, with LED			
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED			

Note

For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	1627850000
3-pole	ZQV 6/3 GE	41 A	60	1627860000
4-pole	ZQV 6/4 GE	41 A	60	1627870000
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW 3	2 mm	50	1608800000
Dark beige Wemid	ZAP TNHE/ZSI2.5	1.1 mm	25	1610840000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
G-fuse cartridge, 5 x 20mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	0430500000
0.50 A fast	G 20/0.50A/F		10	0430600000
1.00 A fast	G 20/1.00A/F		10	0430700000
2.00 A fast	G 20/2.00A/F		10	0430900000
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A				
1.00 A medium slow / 3 A				
2.00 A fast / 5 A				
4.00 A fast / 10 A				

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5

Note

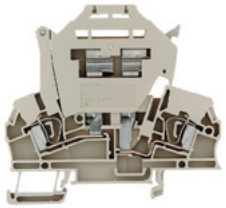
Status display using a bi-directional LED.

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

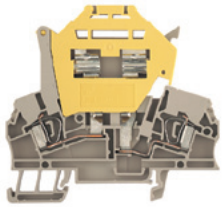
ZSI 2.5 LED — 2.5 mm²

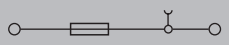
For metric fuses 5 x 20 mm



ZSI 2.5/5x25 — 2.5 mm²

For metric fuses 5 x 25 mm





Width/Length/Height of lowest version	mm	7.9 x 79.5 x 74	7.9 x 79.5 x 74
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**	**6.3 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**

Technical data

Rated data		IEC 60947-7-3	IEC 60947-7-3
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage to adjoining terminal	V	500	500
Rated current	A	6.3	6.3
Rated cross-section	mm²	2.5 / AWG 26...12 / AWG 26...12	2.5
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	A3 / V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		Max. power loss (1.6 W) at the cartridge fuse limits the rated current.	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED			
10-36 V AC/DC, with LED	ZSI 2.5/LD 28AC	50	**1616440000**
30-70 V AC/DC, with LED	ZSI 2.5/LD 60AC	50	**1616430000**
60-150 V AC/DC, with LED	ZSI 2.5/LD 120AC	50	**1616420000**
140-250 V AC/DC, with LED	ZSI 2.5/LD 250AC	50	**1616410000**
Note	For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.		

Version	Type	Qty.	Order No.
	ZSI 2.5/5X25	50	**1730900000**
Note	For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
3-pole	ZQV 6/3 GE	41 A	60	**1627860000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW 3	2 mm	50	**1608800000**
Dark beige Wemid	ZAP TNHE/ZSI2.5	1.1 mm	25	**1610840000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
G-fuse cartridge, 5 x 20mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A				
1.00 A medium slow / 3 A				
2.00 A fast / 5 A				
4.00 A fast / 10 A				

Pluggable cross-connection	Type	current	Qty.	Order No.
	ZQV 6/2 GE	41 A	60	**1627850000**
	ZQV 6/3 GE	41 A	60	**1627860000**
	ZQV 6/4 GE	41 A	60	**1627870000**
		Width		
	ZAP/TW 3	2 mm	50	**1608800000**
	ZAP TNHE/ZSI2.5	1.1 mm	25	**1610840000**
	SDIS SL 0.6X3.5X100		1	**1274660000**
	G 25/0.50A/M WS		10	**0510300000**
	G 25/1.00A/M RT		10	**0265800000**
	G 25/2.00A/F BL		10	**0192700000**
	G 25/4.00A/F BR		10	**0192800000**

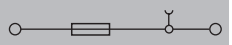
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5
Note	Status display using a bi-directional LED.	

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

ZSI 2.5/2 — 2.5 mm²

For imperial fuses



Width/Length/Height of lowest version	12.2 x 79.5 x 74 mm
max. current / max. cond. cross-section	**12 / 4** A/mm²
Max. clamping range	**0.13...4** mm²

ZSI 2.5/2

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-3

IEC	UL	CSA
500	600 (C)	600 (C)
12	16 (C)	15 (C)
2.5	AWG 26...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	Order No.
ZSI 2.5/2 500AC	**1616460000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	46 °C	4.0 W / 10.0 A	40 °C	2.5 W / 2.5 A
In combination	72 °C	2.5 W / 2.5 A	29 °C	2.5 W / 2.5 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	ZSI 2.5/2 500AC	10	**1616460000**
10-36 V AC/DC, with LED			
30-70 V AC/DC, with LED			
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED			
Note	For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQS 2.5/2	10 A	20	**1633200000**
3-pole	ZQS 2.5/3	10 A	20	**1633210000**
4-pole	ZQS 2.5/4	10 A	20	**1633220000**
End plate / Partition plate		**Width**		
Dark beige Wemid				
Dark beige Wemid	ZAP TNHE/ZSI2.5	1.1 mm	25	**1610840000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
G-fuse cartridge, 5 x 20mm (IEC 60127-2)				
0.25 A fast				
0.50 A fast				
1.00 A fast				
2.00 A fast				
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A				
1.00 A medium slow / 3 A				
2.00 A fast / 5 A				
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5
Note	Status display using a bi-directional LED. With use of inch fuse cartridges.

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

ZSI 2.5/2 LED

2.5 mm²

For imperial fuses

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

12.2 x 79.5 x 74
12 / 4
0.13...4

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-3

IEC	UL	CSA
12		
2.5	AWG 26...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED			
10-36 V AC/DC, with LED	ZSI 2.5/2/LD 28AC	10	**1616470000**
30-70 V AC/DC, with LED	ZSI 2.5/2/LD 60AC	10	**1616480000**
60-150 V AC/DC, with LED	ZSI 2.5/2/LD 120AC	10	**1616490000**
140-250 V AC/DC, with LED	ZSI 2.5/2/LD 250AC	10	**1616500000**
Note	For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQS 2.5/2	10 A	20	**1633200000**
3-pole	ZQS 2.5/3	10 A	20	**1633210000**
4-pole	ZQS 2.5/4	10 A	20	**1633220000**
End plate / Partition plate		**Width**		
Dark beige Wemid				
Dark beige Wemid	ZAP TNHE/ZSI2.5	1.1 mm	25	**1610840000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
G-fuse cartridge, 5 x 20mm (IEC 60127-2)				
0.25 A fast				
0.50 A fast				
1.00 A fast				
2.00 A fast				
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A				
1.00 A medium slow / 3 A				
2.00 A fast / 5 A				
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5
Note	Status display using a bi-directional LED. With use of inch fuse cartridges.

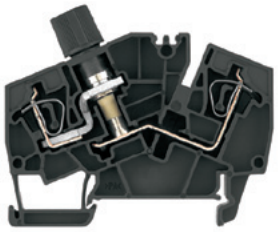
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

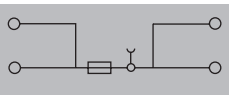
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZSI 2.5 2x2 AN — 2.5 mm²

For metric fuses 5 x 20 mm / 5 x 25 mm



12.2 x 68 x 55.5	
10 / 4	
0.13...4	



ZSI 2.5-2

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Note

IEC 60947-7-3

IEC	UL	CSA
500	300 (C)	300 (C)
10	10 (C)	10 (C)
2.5	AWG 26...12	AWG 26...12
	4 kV / 3	
	A3 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

The rated voltage of the fuse must not be exceeded. UL & CSA D = 600 V / 5 A

ZSI 2.5-2 / G20

Type	Order No.
ZSI 2.5-2/2X2AN/G20	1826050000
ZSI 2.5-2/2X2AN/G20/GL	1826030000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual			39 °C	2.5 W / 6.3 A
In combination			41 °C	1.6 W / 6.3 A

Ordering data

Version	
	500 V AC/DC, w/o LED
	10-36 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED

Note

Type	Qty.	Order No.
ZSI 2.5-2/2X2AN/G20	20	1826050000

G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25
G 25 LED versions upon request.

ZSI 2.5-2 / G25

Type	Order No.
ZSI 2.5-2/2X2AN/G25	1826200000
ZSI 2.5-2/2X2AN/G25/GL	1826090000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	60 °C			
In combination	47 °C			

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	1608950000
3-pole				
4-pole				
End plate / Partition plate		**Width**		
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
G-fuse cartridge, 5 x 20mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	0430500000
0.50 A fast	G 20/0.50A/F		10	0430600000
1.00 A fast	G 20/1.00A/F		10	0430700000
2.00 A fast	G 20/2.00A/F		10	0430900000
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	G 25/0.50A/M WS		10	0510300000
1.00 A medium slow / 3 A	G 25/1.00A/M RT		10	0265800000
2.00 A fast / 5 A	G 25/2.00A/F BL		10	0192700000
4.00 A fast / 10 A	G 25/4.00A/F BR		10	0192800000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	60 °C			
In combination	47 °C			

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5

Note

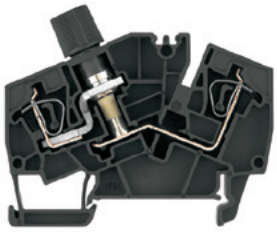
Status display via an LED.

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

ZSI 2.5 2x2 AN LED

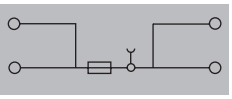
2.5 mm²

For metric fuses 5 x 20 mm / 5 x 25 mm



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	12.2 x 65 x 55.5
max. current / max. cond. cross-section	A/mm²	**10 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

Rated data		
Rated voltage to adjoining terminal	V	300 (C)
Rated current	A	10 (C)
Rated cross-section	mm²	2.5 AWG 26...12 AWG 26...12
Rated impulse withstand voltage / Pollution severity		4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0
Approvals		
Clamped conductors (H05V/H07V)		**Rated connection**
Solid / stranded	mm²	0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm

IEC 60947-7-3

IEC	UL	CSA

Note

The rated voltage of the fuse must not be exceeded. UL & CSA D = 600 V / 5 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED			
10-36 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD1	20	**1867440000**
60-150 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD3	20	**1867420000**
140-250 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD4	20	**1879730000**

Note

G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25
G 25 LED versions upon request.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
3-pole				
4-pole				
End plate / Partition plate		**Width**		
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
G-fuse cartridge, 5 x 20mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	G 25/0.50A/M WS		10	**0510300000**
1.00 A medium slow / 3 A	G 25/1.00A/M RT		10	**0265800000**
2.00 A fast / 5 A	G 25/2.00A/F BL		10	**0192700000**
4.00 A fast / 10 A	G 25/4.00A/F BR		10	**0192800000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5

Note

Status display via an LED.

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

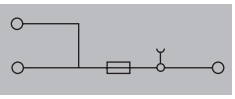
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZSI 6-2 — 6 mm²

For metric fuses 5 x 20 mm / 5 x 25 mm

12.2 x 68 x 55.5	
10 / 10	
0.13...10	



ZSI 6-2

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-3

IEC	UL	CSA
500	300 (C)	300 (C)
10	10 (C)	10 (C)
6	AWG 26...12	AWG 26...8
	4 kV / 3	
	A3 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

The rated voltage of the fuse must not be exceeded. Acc. to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8.

ZSI 6-2 2x2.5 / G20

Type	Order No.
ZSI 6-2 2X2.5/G20	**1820930000**
ZSI 6-2 2X2.5/G20/GL	**1820860000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual			37 °C	2.5 W / 6.3 A
In combination			40 °C	1.6 W / 6.3 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	ZSI 6-2 2X2.5/G20	20	**1820930000**
10-36 V AC/DC, with LED			
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED			
Note			

G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25
G 25 LED versions upon request.

ZSI 6 2x2.5 / G25

Type	Order No.
ZSI 6-2 2X2.5/G25	**1820950000**
ZSI 6-2 2X2.5/G25/GL	**1820940000**

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
3-pole				
4-pole				
End plate / Partition plate				
	Width			
Screwdriver				
Standard	SDIS SL 0.8X4.0X100		1	**1274670000**
G-fuse cartridge, 5 x 20mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	G 25/0.50A/M WS		10	**0510300000**
1.00 A medium slow / 3 A	G 25/1.00A/M RT		10	**0265800000**
2.00 A fast / 5 A	G 25/2.00A/F BL		10	**0192700000**
4.00 A fast / 10 A	G 25/4.00A/F BR		10	**0192800000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	60 °C			
In combination	47 °C			

Identification systems	(see assortment in catalogue 7)	
Marking tags		DEK 5/5 / WS 10/5
Note		Status display via an LED.

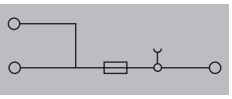
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

ZSI 6-2 LED — 6 mm²

For metric fuses 5 x 20 mm / 5 x 25 mm

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	12.2 x 65 x 55.5
max. current / max. cond. cross-section	A/mm²	**10 / 10**
Max. clamping range	mm²	**0.13...10**



Technical data

Rated data		
Rated voltage to adjoining terminal	V	300 (C)
Rated current	A	10 (C)
Rated cross-section	mm²	AWG 26...12 / AWG 20...8
Rated impulse withstand voltage / Pollution severity		4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0
Approvals		
Clamped conductors (H05V/H07V)		**Rated connection**
Solid / stranded	mm²	0.5...10
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm

IEC 60947-7-3

IEC	UL	CSA

Note	
	The rated voltage of the fuse must not be exceeded. Acc. to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED			
10-36 V AC/DC, with LED	ZSI 6-2 2X2.5/G20/LD1	20	**1867500000**
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED	ZSI 6-2 2X2.5/G20/LD4	20	**1879750000**

Note	
	G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G 25 LED versions upon request.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
3-pole				
4-pole				
End plate / Partition plate		**Width**		
Screwdriver				
Standard	SDIS SL 0.8X4.0X100		1	**1274670000**
G-fuse cartridge, 5 x 20mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	G 25/0.50A/M WS		10	**0510300000**
1.00 A medium slow / 3 A	G 25/1.00A/M RT		10	**0265800000**
2.00 A fast / 5 A	G 25/2.00A/F BL		10	**0192700000**
4.00 A fast / 10 A	G 25/4.00A/F BR		10	**0192800000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5
Note	Status display via an LED.

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

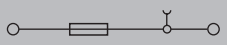
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

ZSI 6-2/FC — 6 mm²

For car fuses

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

8.1 x 70 x 51
30 / 10
0.33...10



Technical data

DIN 72581-3, IEC 60947-7-3

Rated data			
	IEC	UL	CSA
Rated voltage to adjoining terminal	400		300 (C)
Rated current	30		25 (C)
Rated cross-section	6	AWG 22...10	AWG 22...10
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A5 / V-0	
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	0.5...10		
Flexible / Flexible with ferrule	0.5...10 / 0.5...6		
Stripping length / Blade size	10 / 4.0 x 0.8 mm		

Note

Fuse continuous current max. 80 % IN.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	ZSI 6-2/FC	25	**1814690000**
10-36 V AC/DC, with LED	ZSI 6-2/FC LD	25	**1814700000**
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED			

Note

Car fuses are not available from Weidmüller

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
3-pole	ZQV 6/3 GE	41 A	60	**1627860000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
End plate / Partition plate		**Width**		
Screwdriver				
Standard	SDIS SL 0.8X4.0X100		1	**1274670000**
G-fuse cartridge, 5 x 20mm (IEC 60127-2)				
0.25 A fast				
0.50 A fast				
1.00 A fast				
2.00 A fast				
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A				
1.00 A medium slow / 3 A				
2.00 A fast / 5 A				
4.00 A fast / 10 A				

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/6 / WS 12/6

Note

Status display using a bi-directional LED. With use of Pudenz fuses.

ZSI 6-2/FC

Overload and short-circuit protection

Type	Order No.
ZSI 6-2/FC	**1814690000**

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	24 °C	3,0 W / 30 A	*	*
In combination	28 °C	1.90 W / 24 A (30 A)**	*	*

*) Values not available
**) According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 30 A fuse can be loaded to a maximum 24 A

Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

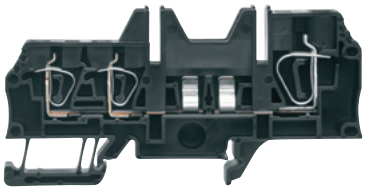
- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1170) or alternatively car fuses

ZSI 2x6/4x2.5 FC

6/2.5 mm²

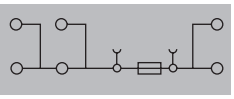
Circuit breaker ETA 1170
28 V DC

NEW



Width/Length/Height with TS35x7.5	mm
Insulating stripping length	mm

16 / 93 / 47.5
10



Technical data

Rated data	IEC	UL	CSA
Rated voltage to adjoining terminal V	500		
Rated current A	57		
Rated cross-section mm²	2.5	AWG 26...12	AWG 26...12
	6	AWG 20...8	AWG 20...8
Approvals		in work	in work
Other technical data	**Output**	**Input**	
Clamped conductors			
solid H07V-U mm²	0.5...4	0.5...10	
stranded H07V-K mm²	0.5...4	0.5...10	
„f" with ferrule acc. DIN 46 228/1 mm²	0.5...2.5	0.5...6	
„f" ferrules with plastic collar mm²	0.5...2.5	0.5...6	
max. clamping range in mm²			
gauge acc. to IEC 60 947-1 Size	0.08...4	0.21...10	

Note

The maximum load of the single circuit breakers shouldn´t be exceeded.

Ordering data

Type	Qty.	Order No.
ZSI 2x6/4x2.5 FC	10	1058520000

Note

Accessories

Pluggable cross-connection	Type	Current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	1627850000
3-pole				
4-pole				
End plate / partition				
ZAP black Wemid	ZAP ZSI2x6/4x2.5		50	1059310000
Screwdriver				
SD acc. to DIN 5264-A	SD 0.6x3.5		1	9008330000
	SD 0.8x4		1	9008340000

Circuit breaker ETA and car fuses*	Circuit breaker 1170
Rated voltage	28 V DC
Rated current A	3...25
Switching capacity A	400
Protection IP	40

Rated current circuit breaker A	Circuit breaker 1170 Colour	Order No.
3	violet	1278730000
4	pink	1278740000
5	orange	1278750000
6	green	1278760000
7.5	brown	1278770000
8	yellow	1278780000
10	red	1278790000
15	blue	1278810000
20	yellow	1278820000
25	white	1278830000

ETA 1180

ETA 1170

Marking systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 MC

*) **Note:**
not possible to order from Weidmüller

ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

Type	Order No.
ZSI 2X6/4X2.5 FC	1058520000

Arrangement	Applications			
	ETA fuse		Automotive fuse	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	24 °C	1.68 W / 20 A (25 A)*	45 °C	1.9 W / 24 A (30 A)**
In combination	24 °C	1.68 W / 20 A (25 A)*	35 °C	1.9 W / 24 A (30 A)**

*) ETA circuit breakers 1170
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒The 25 A fuse can be loaded to a maximum 20 A

**) Automotive fuses in accordance with DIN 41576
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒The 30 A fuse can be loaded to a maximum 24 A

Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

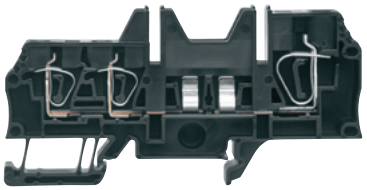
- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1180)

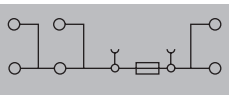
ZSI 2x6/4x2.5

6/2.5 mm²

Circuit breaker ETA 1180
65 V DC / 250 V AC

NEW





Width/Length/Height with TS35x7.5	mm
Insulating stripping length	mm

ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

Technical data

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V	500		
Rated current	A	57		
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12
		6	AWG 20...8	AWG 20...8
Approvals			in work	in work
Other technical data		**Output**	**Input**	
Clamped conductors				
solid H07V-U	mm²	0.5...4	0.5...10	
stranded H07V-K	mm²	0.5...4	0.5...10	
„f" with ferrule acc. DIN 46 228/1	mm²	0.5...2.5	0.5...6	
„f" ferrules with plastic collar	mm²	0.5...2.5	0.5...6	
max. clamping range in mm²				
gauge acc. to IEC 60 947-1	Size	0.08...4	0.21...10	

Note

The maximum load of the single circuit breakers shouldn´t be exceeded.

Type	Order No.
ZSI 2X6/4X2.5	1265990000

Arrangement	Applications			
	ETA fuse		Automotive fuse	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	24 °C	1.68 W / 20 A (25 A)*	45 °C	1.9 W / 24 A (30 A)**
In combination	24 °C	1.68 W / 20 A (25 A)*	35 °C	1.9 W / 24 A (30 A)**

*) ETA circuit breakers 1170
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒The 25 A fuse can be loaded to a maximum 20 A

**) Automotive fuses in accordance with DIN 41576
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒The 30 A fuse can be loaded to a maximum 24 A

Ordering data

Note

Type	Qty.	Order No.
ZSI 2x6/4x2.5	10	1265990000

Accessories

Pluggable cross-connection	Type	Strom	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	1627850000
3-pole				
4-pole				
End plate / partition				
ZAP black Wemid	ZAP ZSI2x6/4x2.5		50	1059310000
Screwdriver				
SD acc. to DIN 5264-A	SD 0.6x3.5		1	9008330000
	SD 0.8x4		1	9008340000

Circuit breaker ETA and car fuses*	Circuit breaker 1180
Rated voltage	65 V DC / 250 V AC
Rated current A	0.1...10
Switching capacity A	400
Protection IP	40

Rated current circuit breaker A	Circuit breaker 1180 Order No.		Order No.
0.1	1278840000	2	1278970000
0.2	1278850000	2.5	1278980000
0.25	1278860000	3	1278990000
0.3	1278870000	3.5	1279010000
0.4	1278880000	4	1279020000
0.5	1278910000	5	1279030000
0.6	1278920000	6	1279040000
0.7	1278930000	7	1279050000
0.8	1278940000	8	1279060000
1	1278950000	10	1279070000
1.5	1278960000		

ETA 1180

ETA 1170

Marking systems	(see assortment in catalogue 7)
	Marking tags
	DEK 5/5 MC

*) **Note:**
not possible to order from Weidmüller

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

For terminal type

ZSI 2.5
ZSI 6-2 2 x 2.5/G20...
ZSI 2.5 2 x 2 AN/G20...

ZSI 2.5/ 5 x 25
ZSI 6-2 2 x 2.5/G25...
ZSI 2.5 2 x 2 AN/G25...

ZSI 2.5/2

Technical data / Ordering data

G-type cartridge fuses 5 x 20 **without** indicators to IEC 60127-2 (VDE 0820 pt.2 Bl [1])

Size (mm)	Nom. current (A)	Type		Qty.	Order No.
5 x 20 breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0.7)	0.1	(F)	G 20/0.10A/F	10	**0430300000**
	0.2	(F)	G 20/0.20A/F	10	**0430400000**
	0.25	(F)	G 20/0.25A/F	10	**0430500000**
	0.5	(F)	G 20/0.50A/F	10	**0430600000**
	0.63	(F)	G 20/0.63A/F	10	**0439000000**
	1.0	(F)	G 20/1.00A/F	10	**0430700000**
	1.6	(F)	G 20/1.60A/F	10	**0430800000**
	2.0	(F)	G 20/2.00A/F	10	**0430900000**
	2.5	(F)	G 20/2.50A/F	10	**0431000000**
	3.15	(F)	G 20/3.15A/F	10	**0431100000**
	4.0	(F)	G 20/4.00A/F	10	**0431200000**
	5.0	(F)	G 20/5.00A/F	10	**0431300000**
	6.3	(F)	G 20/6.30A/F	10	**0431400000**
	(M) = medium-blow (F) = fast-blow				

G-type cartridge fuses 5 x 25 **with** indicators to DIN 41576[1])

5 x 25 m. K.1) breaking capacity 80 A (at 250 V, 50 Hz, cos : = 1)	0.25	(M)	G 25/0.25A/M	10	**0546900000**
	0.5	(M)	G 25/0.50A/M	10	**0510300000**
	0.8	(M)	G 25/0.80A/M	10	**0646400000**
	1	(M)	G 25/1.00A/M	10	**0265800000**
	10	(M)[5])	G 25/10.0A/M	10	**0193100000**
	2	(F)	G 25/2.00A/F	10	**0192700000**
	4	(F)	G 25/4.00A/F	10	**0192800000**
	6.3	(F)	G 25/6.30A/F	10	**0192900000**
	(M) = medium-blow (F) = fast-blow				

Cartridge fuses 1¼" x ¼" **without** indicators to BS 88

33 kA breaking capacity 33 kA fast-blow	0.5		GZ 0.5A/F	10	**0533800000**
E 0.5 A	1		GZ 1.0A/F	10	**0525500000**
E 1 A	2		GZ 2.0A	10	**0294500000**
E 2 A	3		GZ 3.0A	10	**0295700000**
E 3 A	5		GZ 5.0A	10	**0294600000**
E 5 A	7		GZ 7.0A	10	**0295800000**
E 7 A	10		GZ 10.0A	10	**0293900000**
E 10 A	12.5		GZ 12.5A FF	10	**0245400000**
	(M) = medium-blow (F) = fast-blow				

Note: [1]) The SIBA company also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V~ shipbuilding applications.

Standard model and Roof-style

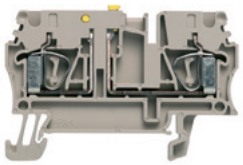
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

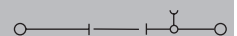
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZTR 2.5 — 2.5 mm²

Two connections

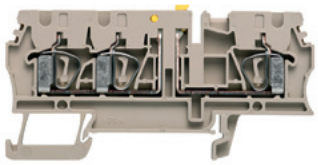


5.1 x 59.5 x 41
20 / 4
0.05...4



ZTR 2.5/3AN — 2.5 mm²

Three connections



5.1 x 79.5 x 41
20 / 4
0.05...4

Technical data

Rated data			
Rated voltage	V	IEC 60947-7-1	
Rated current	A		
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		
Note			

IEC	UL	CSA
500	600 (C)	600 (C)
20	20 (C)	15 (C)
2.5	AWG 30...12	AWG 30...12
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC	UL	CSA
500	600 (C)	300 (C)
20	20 (C)	10 (C)
2.5	AWG 30...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	ZTR 2.5	100	1831280000
Blue Wemid	ZTR 2.5 BL	100	8731710000
Without isolator, Dark beige Wemid	ZTR 2.5/0.TNHE	100	1831130000
Orange Wemid	ZTR 2.5 OR	100	8731680000
Note			

Type	Qty.	Order No.
ZTR 2.5/3AN	100	8731720000
ZTR 2.5/3AN BL	100	8731730000
ZTR 2.5/3AN/0.TNHE	100	8728450000
ZTR 2.5/3AN OR	100	8731690000

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW 1	2 mm	50	1608740000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Testing / Checking				
Test plug	PS 2.3 RT	5.4 mm	20	0180400000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Test adapter				
Standard	ZTA 1	5.1 mm	25	1609040000
With assembly peg	ZTA 1/ZA	5.1 mm	25	1609050000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000

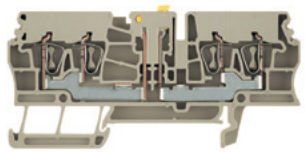
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
	Width		
ZAP/TW 3	2 mm	50	1608800000
ZEW 35	6 mm	20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
TNST		50	1833090000

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5
Note	If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

DEK 5/5 / WS 10/5
If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

ZTR 2.5/4AN — 2.5 mm²

Four connections



5.1 x 82.5 x 41
16 / 2.5
0.05...2.5

IEC 60947-7-1

IEC	UL	CSA
400	300 (D)	300 (C)
16	10 (D)	10 (C)
2.5	AWG 30...12	AWG 26...12
	6 kV / 3	
	A2 / V-0	

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZTR 2.5/4AN	100	7920900000
ZTR 2.5/4AN BL	100	7920930000
ZTR 2.5/4AN/O.TNHE	100	7920950000
ZTR 2.5/4AN OR	100	7920940000

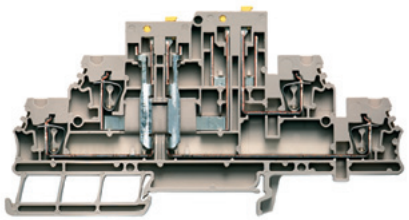
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
	Width		
ZAP/TW 3	2 mm	50	1608800000
ZEW 35	6 mm	20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

WS 10/5 / DEK 5/5

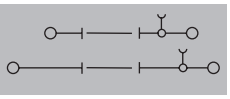
If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

ZDTR 2.5 — 2.5 mm²

Four connections



5.1 x 117 x 68
16 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (D)	300 (B)
16	10 (D)	10 (B)
2.5	AWG 26...12	AWG 26...12
	6 kV / 3	
	A2 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

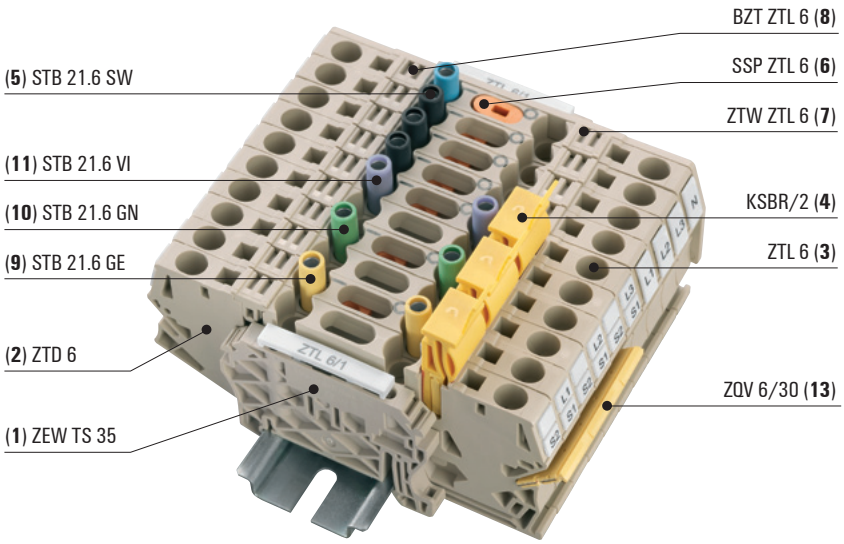
Type	Qty.	Order No.
ZDTR 2.5	20	1745400000
ZDTR 2.5 BL	20	1798330000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
	Width		
AP ZDTR2.5	1.5 mm	20	1745420000
ZEW 35	6 mm	20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 2/G20 10-36V	5.95 mm	25	9543070000
SIHA 2/G20 140-250V	5.95 mm	25	9537640000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000

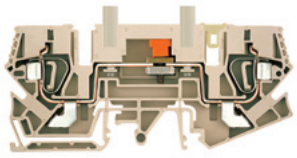
DEK 5/5

If the disconnect lever is replaced by the SIHA 3 (only on the top level), a fused terminal is created.

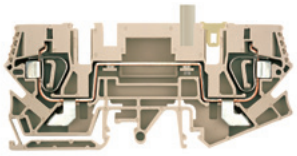
Test-disconnect terminal blocks for measuring with ZTL 6



Pos.	Type	Qty.	Order No.
1	ZEW TS 35 (nur TS 35)	20	9540000000
1	EWK1 (nur TS 32)	50	0206160000
2	ZTD 6	20	1771810000
3	ZTL 6	20	1771800000
4	KSBR/2	50	1771820000
5	STB 21.6 SW	50	1071040000
6	SSP ZTL 6	100	1771860000
7	ZTW ZTL 6	20	1771870000
8	BZT ZTL 6	20	1781140000
Optionally available for better labelling (instead of 11 x Pos. 5):			
Pos.	**Type**	**Qty.**	**Order No.**
5	STB 21.6 BE	50	1071000000
9	STB 21.6 GE	50	1071010000
10	STB 21.6 GN	50	1071020000
11	STB 21.6 VI	50	1071030000
12	STB 21.6 BL	50	1071080000
Optionally available for a shared k-point:			



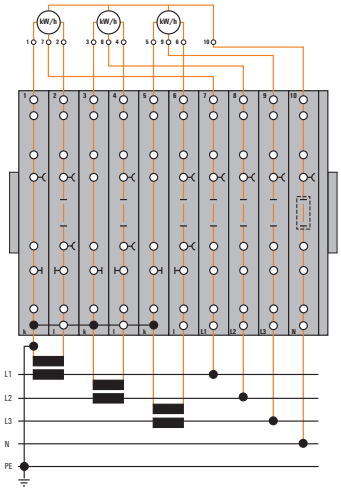
ZTL 6/STB



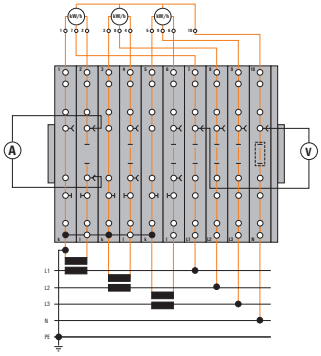
ZTD 6/STB

Operating status

(with internal distribution of the k-point)



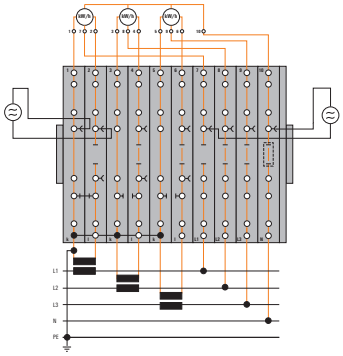
Comparison measurement for L1



Operation depending on the operating status:

1. Connect ammeter to test sockets of terminal 2.
2. Open disconnect slide link of terminal 2.
3. Connect voltameter to test sockets of terminals 7 and 10.

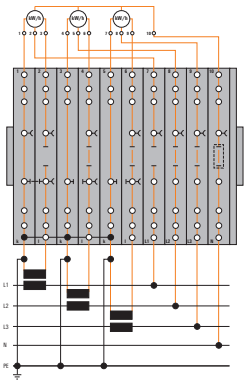
Meter test for L1 through external power supply



Operation depending on the operating status:

1. Close short-circuit slide of terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Connect external power supply to the sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1

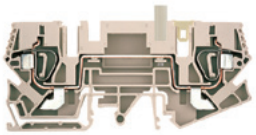


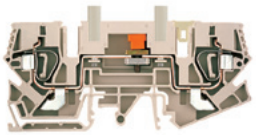
Operation depending on the operating status:

1. Close short-circuit slide of terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Disconnect meter for L1 at terminals 1, 2 and 7.

Terminal for power supply

	ZTD 6	ZTL 6
	6 mm²	6 mm²
	Feed-through terminal	Disconnect test terminal





In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	8 x 106 x 48	8 x 106 x 48
max. current / max. cond. cross-section	A/mm²	**52 / 10**	**52 / 10**
Max. clamping range	mm²	**0.5...10**	**0.5...10**

Technical data

Rated data		IEC 60947-7-1			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	800	300 (C)	300 (C)	800	300 (C)	300 (C)
Rated current	A	41	33 (C)	33 (C)	41	33 (C)	33 (C)
Rated cross-section	mm²	6	AWG 20...8	AWG 20...8	6	AWG 20...8	AWG 20...8
Rated impulse withstand voltage / Pollution severity			8 kV / 3			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A5 / V-0			A5 / V-0	
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...10 / 1.5...6			0.5...10 / 1.5...6		
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...6			0.5...6 / 0.5...6		
Stripping length / Blade size	mm/-	13 / 0.8 x 4.0 mm			13 / 0.8 x 4.0 mm		
Note		400 V when used as a disconnect terminal. Tightening torque for ZTL 6 disconnection element with screw = 0.5 - 0.6 Nm.			400 V when used as a disconnect terminal. Tightening torque for ZTL 6 disconnection element with screw = 0.5 - 0.6 Nm.		

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	Without socket	ZTD 6	20	**1771810000**	ZTL 6	20	**1771800000**
	with socket	ZTD 6/STB	20	**1771960000**	ZTL 6/STB	20	**1771950000**
Note							

Accessories

Pluggable cross-connection		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
	2-pole	ZQV 6/2 GE	41 A	60	**1627850000**	ZQV 6/2 GE	41 A	60	**1627850000**
	3-pole	ZQV 6/3 GE	41 A	60	**1627860000**	ZQV 6/3 GE	41 A	60	**1627860000**
	4-pole	ZQV 6/4 GE	41 A	60	**1627870000**	ZQV 6/4 GE	41 A	60	**1627870000**
End plate / Partition plate			**Width**				**Width**		
	End plate	ZTW ZTL6	2 mm	20	**1771870000**	ZTW ZTL6	2 mm	20	**1771870000**
Testing / Checking									
	Test plug	PS 4 F.STB 4	7.6 mm	20	**0299600000**	PS 4 F.STB 4	7.6 mm	20	**0299600000**
	Socket - blue	STB 21.6/IH/BL WTL6/3	6.2 mm	50	**1071080000**	STB 21.6/IH/BL WTL6/3	6.2 mm	50	**1071080000**
	Socket - yellow	STB 21.6/IH/GE WTL6/3	6.2 mm	50	**1071010000**	STB 21.6/IH/GE WTL6/3	6.2 mm	50	**1071010000**
	Socket - green	STB 21.6/IH/GN WTL6/3	6.2 mm	50	**1071020000**	STB 21.6/IH/GN WTL6/3	6.2 mm	50	**1071020000**
	Socket - magenta	STB 21.6/IH/VI WTL6/3	6.2 mm	50	**1071030000**	STB 21.6/IH/VI WTL6/3	6.2 mm	50	**1071030000**
Miscellaneous accessories									
	Lockout device					SSP ZTL6	6 mm	100	**1771860000**
	Short-circuit plug, 2-pole	KSBR/2 ZTL6	13.7 mm	20	**1771820000**	KSBR/2 ZTL6	13.7 mm	20	**1771820000**
	Short-circuit plug, 3-pole	KSBR/3 ZTL6	23.2 mm	20	**1771830000**	KSBR/3 ZTL6	23.2 mm	20	**1771830000**
	Short-circuit plug, 4-pole	KSBR/4 ZTL6	31.3 mm	20	**1771840000**	KSBR/4 ZTL6	31.3 mm	20	**1771840000**
Marker holder									
		BZT ZTL6	7.8 mm	20	**1781140000**	BZT ZTL6	7.8 mm	20	**1781140000**

Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/8 / WS 12/6,5	DEK 5/8 / WS 12/6,5
Note		Pluggable label holders for additional labelling tags are above the cross-connection channel (BZT ZTL 6).	Pluggable label holders for additional labelling tags are above the cross-connection channel (BZT ZTL 6).

Standard model and Roof-style

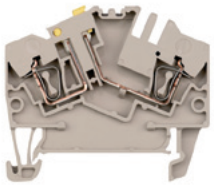
The compact terminal range for conductor cross-sections 0.13 to 16 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

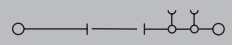
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZTR 2.5-2 — 2.5 mm²

Two connections

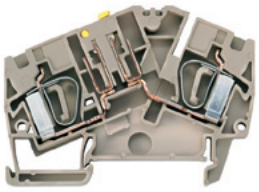


5.1 x 50.5 x 44
21 / 2.5
0.13...2.5

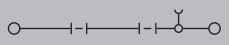


ZTR 6-2 — 6 mm²

2 connections



8.1 x 70 x 51
30 / 10
0.05...10



Technical data

IEC 60947-7-1

Rated data				
Rated voltage	V	400	300 (D)	300 (C)
Rated current	A	10	10 (D)	10 (C)
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A2 / V-0	
Approvals				
Clamped conductors (H05V/H07V)				
Solid / stranded	mm²	0.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Rated data				
Rated voltage	V	500		
Rated current	A	30		
Rated cross-section	mm²	6		
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A5 / V-0	
Approvals				
Clamped conductors (H05V/H07V)				
Solid / stranded	mm²	0.5...10 / 0.5...6		
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...6		
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm		
Note				

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	ZTR 2.5-2	100	1779010000
Blue Wemid	ZTR 2.5-2 BL	100	1779120000
Without isolator, Dark beige Wemid	ZTR 2.5-2/0.TNHE	100	1779020000
Orange Wemid	ZTR 2.5-2 OR	100	1779130000
Note			

Type	Qty.	Order No.
ZTR 6-2	50	1023830000

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole				
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW7	2.5 mm	50	1706110000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000

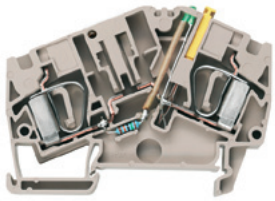
Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
ZQV 6/24 GE	41 A	10	1908990000
	Width		
ZAP ZDU6-2	2 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
SDIS 0.6X3.5X100		1	9008390000

Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5 / WS 14/5			
Note	If the disconnect lever is replaced by the SIHA 2, a fused terminal is created.			

Roof-style

ZTR 6-2 E

6 mm²



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	8.1 x 70 x 51
max. current / max. cond. cross-section	A/mm²	**20 / 10**
Max. clamping range	mm²	**0.05...10**

Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	230		
Rated current	A	20		
Rated cross-section	mm²	6		
Rated impulse withstand voltage / Pollution severity				8 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94				A5 / V-0
Approvals				

Clamped conductors (H05V/H07V)		Rated connection
Solid / stranded	mm²	0.5...10 / 0.5...6
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...6
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm

Note	

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid, 230 V UC	ZTR 6-2 E / 230V UC	10	**8817930000**
Dark beige Wemid, 24 V DC	ZTR 6-2 E / 24V DC	10	**8817920000**

Note	

Accessories

End plate / Partition plate	Type	Width	Qty.	Order No.
Dark beige Wemid	ZAP ZDU6-2	2 mm	50	**1771440000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Test adapter				
With assembly peg	ZTA 7/ZA	8.1 mm	25	**1780670000**
Screwdriver				
Standard	SDIS 0.6X3.5X100		1	**9008390000**

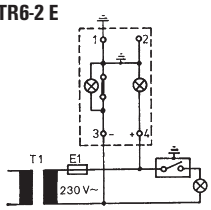
(see assortment in catalogue 7)

Note	

Operation mode

Operating mode

ZTR6-2 E

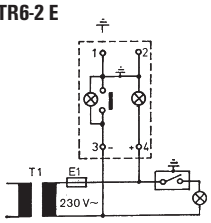


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must first be disconnected.

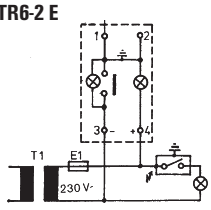
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must be disconnected.

Operational malfunction

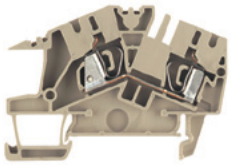
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	ZDU 2.5 S	ZDU 4 S
	2.5 mm²	4 mm²
	Two connections	Two connections
		
Width/Length/Height of lowest version mm	5.1 x 61 x 44	6.1 x 64.2 x 46
max. current / max. cond. cross-section A/mm²	**24 / 4**	**32 / 6**
Max. clamping range mm²	**0.5...4**	**0.5...6**

Technical data

	ZDU 2.5 S	ZDU 4 S
Rated data	IEC 60947-7-1	IEC 60947-7-1
	IEC / UL / CSA	IEC / UL / CSA
Rated voltage V	400	400
Rated current A	24	32
Rated cross-section mm²	2.5	4
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94	A2 / V-0	A3 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / stranded mm²	0.5...4	0.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...4
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	ZDU 2.5 S	100	**1808010000**	ZDU 4 S	100	**1808360000**
Blue Wemid	ZDU 2.5 S BL	100	**1808020000**	ZDU 4 S BL	100	**1808370000**
Note	The distance from holding plate to holding plate should be 200 mm.			The distance from holding plate to holding plate should be 200 mm.		

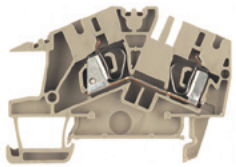
Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 2.5/2	24 A	60	**1608860000**	ZQV 4/2 GE	32 A	60	**1608950000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**	ZQV 4/3 GE	32 A	60	**1608960000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**	ZQV 4/4 GE	32 A	60	**1608970000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**	ZQV 4/10 GE	32 A	20	**1609030000**
20-/24-pole	ZQV 2.5/20	24 A	20	**1908960000**	ZQV 4/20 GE	32 A	20	**1909010000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	ZAP ZDU 2.5 S	2 mm	20	**1808030000**	ZAP ZDU 4 S	2 mm	20	**1808380000**
Blue Wemid	ZAP ZDU 2.5 S BL	2 mm	20	**1808040000**	ZAP ZDU 4 S BL	2 mm	20	**1808390000**
Support bracket for 10 x 3 (required every 20 cm)								
Blue Wemid	ZHP S	3 mm	20	**1808290000**	ZHP S	3 mm	20	**1808290000**
For a vertical installation position	ZHP S SO	3 mm	20	**1808280000**	ZHP S SO	3 mm	20	**1808280000**
End bracket								
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**	ZEW 35	6 mm	20	**9540000000**
Screwdriver								
Standard	SDIS SL 1.0X4.5X125		1	**1274680000**	SDIS SL 0.6X3.5X100		1	**1274660000**

Identification systems (see assortment in catalogue 7)			
Marking tags	DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/6	
Note			

ZDU 6S — 6 mm²

Two connections



8.1 x 64.35 x 50.09
41 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
400		
41		
6		
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 6 S	100	1808230000
ZDU 6 S BL	100	1808240000

The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
ZQV 6/24 GE	41 A	10	1908990000
	Width		
ZAP ZDU 6 S	2 mm	20	1808250000
ZAP ZDU 6 S BL	2 mm	20	1808260000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
ZEW 35	6 mm	20	9540000000
SDIS SL 0.8X4.0X100		1	1274670000

DEK 5/8 / WS 10/6

ZDU 10/S — 10 mm²

Two connections

10 x 86.5 x 48.5
76 / 16
1.3...16

IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	300 (C)
57	60 (C)	55 (C)
10	AWG 16...6	AWG 16...6
	6 kV / 3	
	A6 / V-0	

Rated connection
1.5...16 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 10S	25	1739540000
ZDU 10S BL	25	1739550000

The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
ZQV 10/2	17.5 A	25	1739680000
	Width		
ZAP ZDU10/16S	2 mm	20	1739660000
ZEW 35	6 mm	20	9540000000
SDIS SL 1.0X4.5X125		1	1274680000

DEK 5/5

ZDU 16/S — 16 mm²

Two connections

12 x 95 x 48.5
76 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	300 (C)
76	65 (C)	65 (C)
16	AWG 14...4	AWG 14...4
	6 kV / 3	
	A7 / V-0	

Rated connection
1.5...16 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 16S	25	1739580000
ZDU 16S BL	25	1739590000

The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	1739690000
	Width		
ZAP ZDU10/16S	2 mm	20	1739660000
ZEW 35	6 mm	20	9540000000
SDIS SL 1.0X4.5X125		1	1274680000

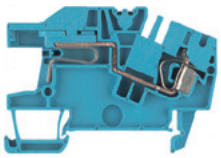
DEK 5/5

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

ZNT 6 S — 6 mm²

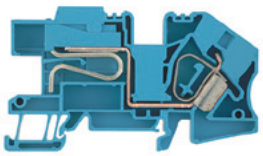
Two connections



Width/Length/Height of lowest version	8.1 x 64.35 x 50.09
max. current / max. cond. cross-section	**41 / 10**
Max. clamping range	**0.5...10**

ZNT 10 S — 10 mm²

Two connections



Width/Length/Height of lowest version	10 x 86.5 x 50
max. current / max. cond. cross-section	**/ 16**
Max. clamping range	**1.3...16**

Technical data

Rated data	ZNT 6 S	ZNT 10 S
Rated voltage	IEC 60947-7-1	IEC 60947-7-1
Rated current	IEC: 250 / UL: 41 / CSA: 6	IEC: 400 / UL: 57 / CSA: 10
Rated cross-section		
Rated impulse withstand voltage / Pollution severity	4 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94	A5 / V-0	A6 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / stranded	0.5...10	1.5...16 / 1.5...16
Flexible / Flexible with ferrule	0.5...10 / 0.5...6	1.5...10 / 1.5...10
Stripping length / Blade size	12 / 0.6 x 3.5 mm	18 / 1.0 x 5.5 mm
Note	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	ZNT 6 S	50	**1808320000**
Blue Wemid	ZNT 10S	25	**1739560000**
Note	The distance from holding plate to holding plate should be 200 mm.		

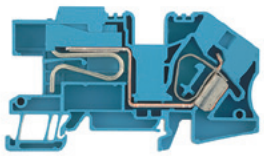
Accessories

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
3-pole	ZQV 6/3 GE	41 A	60	**1627860000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
20-/24-pole	ZQV 6/24 GE	41 A	10	**1908990000**
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP ZDU 6 S	2 mm	20	**1808250000**
Blue Wemid	ZAP ZDU 6 S BL	2 mm	20	**1808260000**
Support bracket for 10 x 3 (required every 20 cm)				
Blue Wemid	ZHP S	3 mm	20	**1808290000**
For a vertical installation position	ZHP S SO	3 mm	20	**1808280000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Screwdriver				
Standard	SDIS SL 0.8X4.0X100		1	**1274670000**
Busbar 10 x 3 (140 A)				
OK, Busbar up to OK, TS35 = 25.5 mm	SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars				
Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4K BL	6 mm	50	**0475380000**
Rigid / flexible 6 - 16 mm²	ZB 16K BL	10 mm	50	**0502880000**
Flexible 16 - 35 mm²	ZB 35K BL M6X16	14 mm	20	**0502680000**

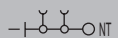
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/8 / WS 10/6	DEK 5/5
Note		

ZNT 16/S — 16 mm²

Two connections



12 x 95 x 50
76 / 25
1.5...25



IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	300 (C)
76	58 (C)	65 (C)
16	AWG 14...4	AWG 14...4
	6 kV / 3	
	A7 / V-0	

Rated connection
1.5...16 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZNT 16S	25	**1739600000**

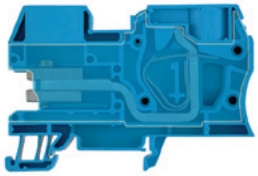
The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	**1739690000**
	Width		
ZAP ZDU10/16S	2 mm	20	**1739660000**
ZEW 35	6 mm	20	**9540000000**
SDIS SL 1.0X4.5X125		1	**1274680000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZB 4K BL	6 mm	50	**0475380000**
ZB 16K BL	10 mm	50	**0502880000**
ZB 35/M6X16	14 mm	20	**0266500000**

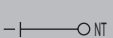
DEK 5/5

ZNT 35 — 35 mm²

Two connections



16 x 88.5 x 59
125 / 35
2.5...35



IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	600 (C)
125	120 (C)	120 (C)
35	AWG 12...2	AWG 12...2
	6 kV / 3	
	A8 / V-0	

Rated connection
2.5...10 / 16...35
2.5...35 / 2.5...35
25 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZNT 35	10	**1739640000**

The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
	Width		
ZEW 35	6 mm	20	**9540000000**
SDIS SL 1.0X4.5X125		1	**1274680000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZB 4K BL	6 mm	50	**0475380000**
ZB 16K BL	10 mm	50	**0502880000**
ZB 35K BL M6X16	14 mm	20	**0502680000**

DEK 5/5

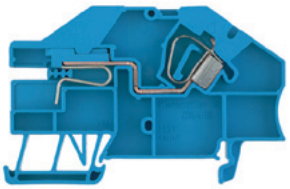
Integrated end plate.

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

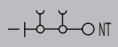
ZDU 4 NT — 4 mm²

Modified busbar position



Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

6.1 x 78.5 x 50.5
32 / 6
0.13...6



Technical data

IEC 60947-7-1

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

IEC	UL	CSA
250		
32		
4		
	4 kV / 3	
	A4 / V-0	
Rated connection		
0.5...6		
0.5...4 / 0.5...4		
12 / 0.6 x 3.5 mm		

Note

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid

Note

Type	Qty.	Order No.
ZDU 4/NT DB	50	**1778080000**
ZDU 4/NT	50	**1757980000**

Use only in connection with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants.

Accessories

Pluggable cross-connection			
	2-pole		
	3-pole		
	4-pole		
	20-/24-pole		
End plate / Partition plate			
	Dark beige Wemid		
	Blue Wemid		
Support bracket for 10 x 3 (required every 20 cm)			
	Blue Wemid		
	For a vertical installation position		
End bracket			
	Dark beige Wemid		
Screwdriver			
	Standard		
Busbar 10 x 3 (140 A)			
	OK, Busbar up to OK, TS35 = 25.5 mm		
Clamping yoke for power supply to 10 x 3 busbars			
	Rigid / flexible 0.5 - 6 / 4 mm²		
	Rigid / flexible 6 - 16 mm²		
	Flexible 16 - 35 mm²		

Type	current	Qty.	Order No.
	Width		
ZAP ZDU4/NT	1.5 mm	20	**1757970000**
ZHP ZDU4/NT SO	3 mm	20	**1803890000**
ZEW 35	6 mm	20	**9540000000**
SDIS SL 0.6X3.5X100		1	**1274660000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZB 4K BL	6 mm	50	**0475380000**
ZB 16K BL	10 mm	50	**0502880000**
ZB 35K BL M6X16	14 mm	20	**0502680000**

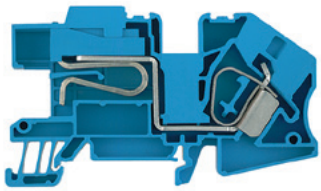
Identification systems	(see assortment in catalogue 7)
	Marking tags

Note

DEK 5/5 / WS 15/5

ZDU 10 NT — 10 mm²

Modified busbar position



10 x 86.5 x 50
57 / 16
1.5...16

IEC 60947-7-1

IEC	UL	CSA
250		
57		
10		
	4 kV / 3	
	A6 / V-0	
Rated connection		
1.5...10 / 1.5...16		
1.5...10 / 1.5...10		
18 / 1.0 x 5.5 mm		

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 10/NT	25	**1762420000**

Use only in connection with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants.

Type	current	Qty.	Order No.
ZQV 10/2	17.5 A	25	**1739680000**
	Width		
ZAP ZDU10/16S	2 mm	20	**1739660000**
ZHP ZDU4/NT SO	3 mm	20	**1803890000**
ZEW 35	6 mm	20	**9540000000**
SDIS SL 1.0X4.5X125		1	**1274680000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZB 4K BL	6 mm	50	**0475380000**
ZB 16K BL	10 mm	50	**0502880000**
ZB 35K BL M6X16	14 mm	20	**0502680000**

WS 12/5 / DEK 5/6

N-cross-connections with busbar system 10 x 3 mm.

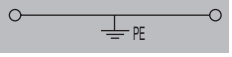
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZPE 2.5 S — 2.5 mm²

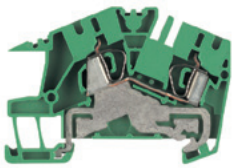
Two connections

5.1 x 62.5 x 44
/ 4
0.5...4

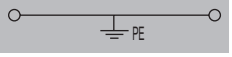


ZPE 4 S — 4 mm²

Two connections



6.1 x 65.5 x 46
/ 6
0.5...6



Technical data

Rated data		ZPE 2.5 S	ZPE 4 S
		IEC 60947-7-2	IEC 60947-7-2
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage	V	400	400
Rated cross-section	mm²	2.5	4
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A2 / V-0	A3 / V-0
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	0.5...4	0.5...6
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...4
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version	Type	Qty.	Order No.
green/yellow Wemid	ZPE 2.5 S	100	**1808330000**
Note	The distance from holding plate to holding plate should be 200 mm.		

Version	Type	Qty.	Order No.
green/yellow Wemid	ZPE 4 S	100	**1808340000**
Note	The distance from holding plate to holding plate should be 200 mm.		

Accessories

	Type	Width	Qty.	Order No.
End plate / Partition plate				
Dark beige Wemid	ZAP ZDU 2.5 S	2 mm	20	**1808030000**
Support bracket for 10 x 3 (required every 20 cm)				
Blue Wemid, For a vertical installation position	ZHP S	3 mm	20	**1808290000**
	ZHP S SO	3 mm	20	**1808280000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**

	Type	Width	Qty.	Order No.
End plate / Partition plate				
Dark beige Wemid	ZAP ZDU 4 S	2 mm	20	**1808380000**
Support bracket for 10 x 3 (required every 20 cm)				
Blue Wemid, For a vertical installation position	ZHP S	3 mm	20	**1808290000**
	ZHP S SO	3 mm	20	**1808280000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**

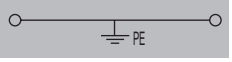
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 10/5	DEK 5/6 / WS 10/6
Note		

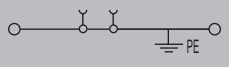
N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		ZPE 6 S	ZPE 10/S
		6 mm²	10 mm²
		Two connections	Two connections

Width/Length/Height of lowest version	mm	8.1 x 65.5 x 50.09	10 x 86.5 x 48.5
max. current / max. cond. cross-section	A/mm²	/ 10	/ 16
Max. clamping range	mm²	0.5...10	1.3...16





Technical data

		ZPE 6 S	ZPE 10/S
		IEC 60947-7-2	IEC 60947-7-2
Rated data		IEC / UL / CSA	IEC / UL / CSA
Rated voltage	V	400	400
Rated cross-section	mm²	6	10 / AWG 16...6 / AWG 16...6
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A5 / V-0	A6 / V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...10	1.5...16 / 1.5...16
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6	1.5...10 / 1.5...10
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm	18 / 1.0 x 5.5 mm
Note		The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

		ZPE 6 S	ZPE 10/S
Version		**Type** / **Qty.** / **Order No.**	**Type** / **Qty.** / **Order No.**
	green/yellow Wemid	ZPE 6 S / 100 / **1808350000**	ZPE 10S / 25 / **1739570000**
Note		The distance from holding plate to holding plate should be 200 mm.	The distance from holding plate to holding plate should be 200 mm.

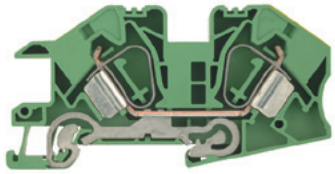
Accessories

		ZPE 6 S	ZPE 10/S
End plate / Partition plate		**Type** / **Width** / **Qty.** / **Order No.**	**Type** / **Width** / **Qty.** / **Order No.**
	Dark beige Wemid	ZAP ZDU 6 S / 2 mm / 20 / **1808250000**	ZAP ZDU10/16S / 2 mm / 20 / **1739660000**
Support bracket for 10 x 3 (required every 20 cm)			
	Blue Wemid	ZHP S / 3 mm / 20 / **1808290000**	
	For a vertical installation position	ZHP S SO / 3 mm / 20 / **1808280000**	
End bracket			
	Dark beige Wemid	ZEW 35 / 6 mm / 20 / **9540000000**	ZEW 35 / 6 mm / 20 / **9540000000**
Screwdriver			
	Standard	SDIS SL 0.6X3.5X100 / 1 / **1274660000**	SDIS SL 1.0X4.5X125 / 1 / **1274680000**

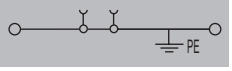
		ZPE 6 S	ZPE 10/S
Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/8 / WS 10/6	DEK 5/5 / WS 10/5
Note			

ZPE 16/S — 16 mm²

Two connections



12 x 95 x 48.5
/ 25
1.5...25



IEC 60947-7-2

IEC	UL	CSA
400		
16	AWG 14...4	AWG 14...4
	6 kV / 3	
	A7 / V-0	

Rated connection
1.5...16 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16S	25	**1739610000**

The distance from holding plate to holding plate should be 200 mm.

Type	Width	Qty.	Order No.
ZAP ZDU10/16S	2 mm	20	**1739660000**
ZEW 35	6 mm	20	**9540000000**
SDIS SL 1.0X4.5X125		1	**1274680000**

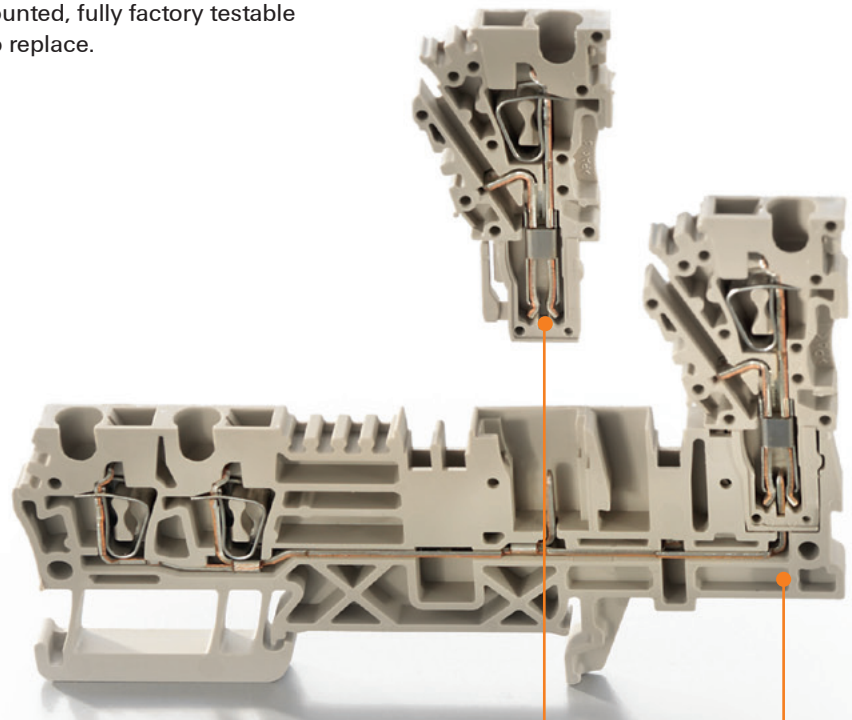
DEK 5/5

WeiCoS pluggable terminal block system

Connecting prefabricated functional units with speed and versatility

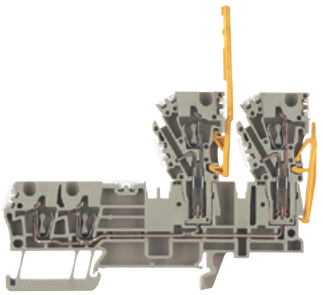
Our pluggable terminal rails with tension-clamp connections enable you to change functional units in the electrical cabinet quickly and simply.

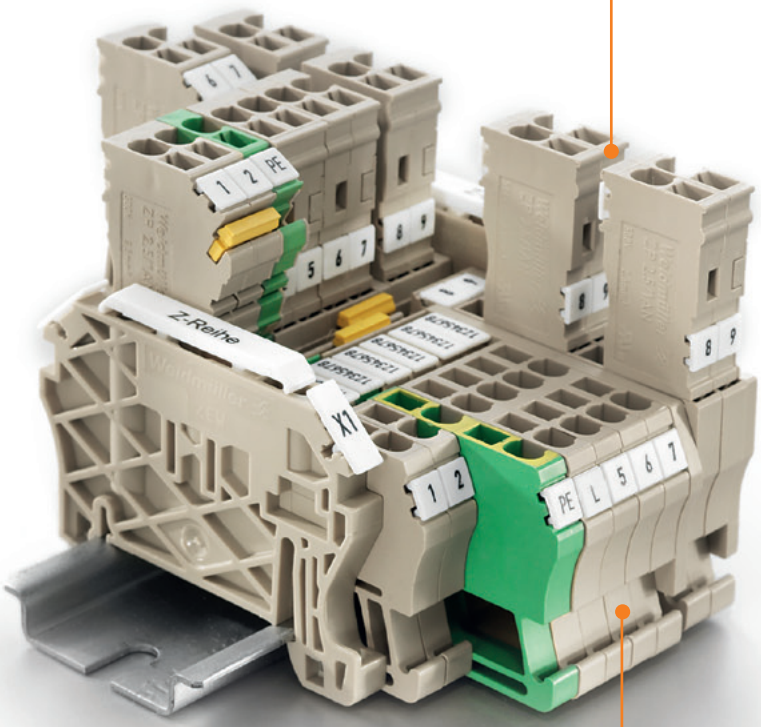
Modular and flexible connection systems are especially in demand where complete functional units have to be prefabricated or replaced. Here WeiCoS (Weidmüller Connection System) – pluggable terminal blocks – show their full strengths. Quickly mounted, fully factory testable functional units which are faster and easier to replace.



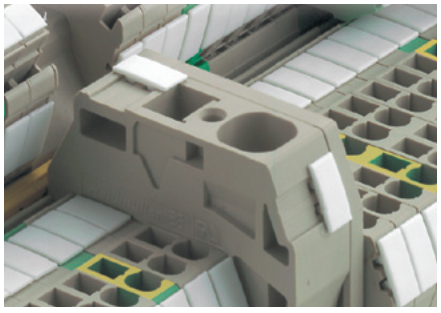
Reliable connection
Terminal rails and plugs have tension-clamp connections that separate the electrical and mechanical functions from each other. The steel tension clamps as well as the external plug contacts ensure optimum contact forces; the copper busbars, lower voltage drops.

Solid interlock
All the connectors can be locked securely to the base terminals using locking elements.

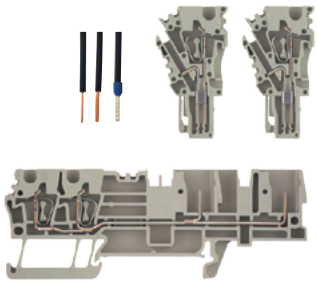




Power supply
Power is supplied using standard Z-series terminal blocks or with power supply terminals.



Simple operation
The parallel direction of wire entries and screwdriver operating direction means that you have a practical connection with the TOP connection system for which no special tools are needed. Test points are integrated.



Feed-through terminals

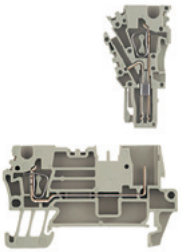
WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

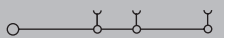
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZT 2.5/2AN/1 — 2.5 mm²

1 tension clamp connection / 1 pluggable connection

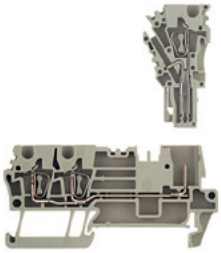


5.1 x 58 x 35	
24 / 4	
0.13...4	

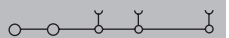


ZT 2.5/3AN/1 — 2.5 mm²

2 tension clamp connections / 1 pluggable connection



5.1 x 71.5 x 35	
24 / 4	
0.13...4	



Technical data

Rated data		ZT 2.5/2AN/1	ZT 2.5/3AN/1
Rated voltage	V	IEC 60947-7-1, IEC 61984	IEC 60947-7-1, IEC 61984
Max. voltage of clamp support & pluggable system	V		
Rated current	A		
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			

IEC	UL	CSA	IEC	UL	CSA
500	300 (C)	300 (C)	500	300 (C)	300 (C)
690			690		
24	20 (C)	20 (C)	24	20 (C)	20 (C)
2.5	AWG 26...12	26...12	2.5	AWG 26...12	26...12
	6 kV / 3			6 kV / 3	
	A2 / V-0			A2 / V-0	

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection	Rated connection	Plug-in connection
Solid / stranded	mm²	0.5...4		0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5/ 0.5...	0.5...4 / 0.5...2.5	0.5/ 0.5...
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	

Note	ZT 2.5/2AN/1	ZT 2.5/3AN/1
	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A.	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A.

Ordering data

Base terminal	ZT 2.5/2AN/1 Type	Qty.	Order No.	ZT 2.5/3AN/1 Type	Qty.	Order No.
Dark beige Wemid	ZT 2.5/2AN/1	50	1815070000	ZT 2.5/3AN/1	50	1815090000
Plug-in connector	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
1-pole	ZP 2.5/1AN/QV/1	50	1815190000	ZP 2.5/1AN/QV/1	50	1815190000
2-pole	ZP 2.5/1AN/QV/2	25	1815200000	ZP 2.5/1AN/QV/2	25	1815200000
3-pole	ZP 2.5/1AN/QV/3	25	1815210000	ZP 2.5/1AN/QV/3	25	1815210000
4-pole	ZP 2.5/1AN/QV/4	25	1815220000	ZP 2.5/1AN/QV/4	25	1815220000
5-pole	ZP 2.5/1AN/QV/5	25	1815230000	ZP 2.5/1AN/QV/5	25	1815230000
6-pole	ZP 2.5/1AN/QV/6	25	1815240000	ZP 2.5/1AN/QV/6	25	1815240000
7-pole	ZP 2.5/1AN/QV/7	25	1815250000	ZP 2.5/1AN/QV/7	25	1815250000
8-pole	ZP 2.5/1AN/QV/8	20	1815260000	ZP 2.5/1AN/QV/8	20	1815260000
9-pole	ZP 2.5/1AN/QV/9	20	1815270000	ZP 2.5/1AN/QV/9	20	1815270000
10-pole	ZP 2.5/1AN/QV/10	20	1815280000	ZP 2.5/1AN/QV/10	20	1815280000
Note						

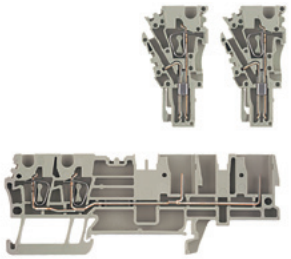
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	ZAP/TW ZT2.5/2AN	2.5 mm	50	1816030000	ZAP/TW ZT2.5/3AN	2.5 mm	50	1816050000
Orange Wemid	ZAP/TW ZT2.5/2AN OR	2.5 mm	50	1816040000	ZAP/TW ZT2.5/3AN OR	2.5 mm	50	1816060000
Test adapter								
Standard	ZTA ZT2.5	5.1 mm	25	1827080000	ZTA ZT2.5	5.1 mm	25	1827080000
With assembly peg	ZTA ZT2.5/ZA	5.1 mm	25	1847600000	ZTA ZT2.5/ZA	5.1 mm	25	1847600000
Miscellaneous accessories WeiCoS								
Locking element	ZVR ZP2.5	3.9 mm	25	1816130000	ZVR ZP2.5	3.9 mm	25	1816130000
Coding element	KOSF ZT2.5	2.9 mm	50	1816150000	KOSF ZT2.5	2.9 mm	50	1816150000
Strain relief	ZZE ZP2.5	9.9 mm	25	1816140000	ZZE ZP2.5	9.9 mm	25	1816140000
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	1274660000	SDIS SL 0.6X3.5X100		1	1274660000

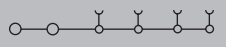
Identification systems (see assortment in catalogue 7)	ZT 2.5/2AN/1	ZT 2.5/3AN/1
Marking tags	DEK 5/6 / WS 10/5	DEK 5/5 / WS 10/5
Note		

ZT 2.5/4AN/2 — 2.5 mm²

2 tension clamp connections / 2 pluggable connections



5.1 x 93 x 35
24 / 4
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA
500	300 (C)	300 (C)
690		
24	20 (C)	20 (C)
2.5	AWG 26...12	26...12
	6 kV / 3	
	A2 / V-0	

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	0.5/ 0.5...
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A.

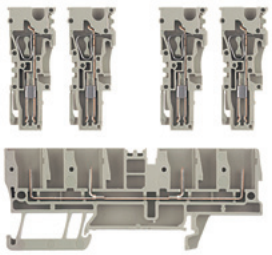
Type	Qty.	Order No.
ZT 2.5/4AN/2	50	1815110000
Type	**Qty.**	**Order No.**
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
	Width		
ZAP/TW ZT2.5/4AN/2	2.5 mm	50	1816070000
ZAP/TW ZT2.5/4AN/2 OR	2.5 mm	50	1816080000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5	3.9 mm	25	1816130000
KOSF ZT2.5	2.9 mm	50	1816150000
ZZE ZP2.5	9.9 mm	25	1816140000
SDIS SL 0.6X3.5X100		1	1274660000

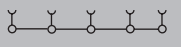
DEK 5/5 / WS 10/5

ZT 2.5/4AN/4 — 2.5 mm²

4 pluggable connections



5.1 x 85.5 x 35
24 /
...



IEC 60947-7-1, IEC 61984

IEC	UL	CSA
500	300 (C)	300 (C)
690		
24	20 (C)	20 (C)
2.5	AWG 26...12	26...12
	6 kV / 3	
	/ V-0	

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	0.5/ 0.5...
/ 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A.

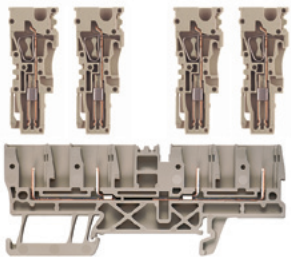
Type	Qty.	Order No.
ZT 2.5/4AN/4	50	1815130000
Type	**Qty.**	**Order No.**
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
	Width		
ZAP/TW ZT2.5/4AN/4	2.5 mm	50	1816090000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5	3.9 mm	25	1816130000
KOSF ZT2.5	2.9 mm	50	1816150000
ZZE ZP2.5	9.9 mm	25	1816140000
SDIS SL 0.6X3.5X100		1	1274660000

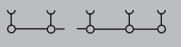
DEK 5/5 / WS 10/5

ZT 2.5/2x2AN — 2.5 mm²

2 x 2 connections



5.1 x 85.5 x 35
24 /
...



IEC 60947-7-1, IEC 61984

IEC	UL	CSA
500		
690		
24		
2.5		
	6 kV / 3	
	/ V-0	

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	0.5/ 0.5...
/ 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A.

Type	Qty.	Order No.
ZT 2.5/2X2AN	50	1967200000
Type	**Qty.**	**Order No.**
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000

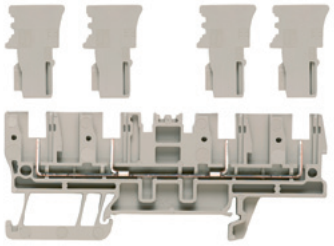
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
	Width		
ZAP/TW ZT2.5/4AN/4	2.5 mm	50	1816090000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5	3.9 mm	25	1816130000
KOSF ZT2.5	2.9 mm	50	1816150000
ZZE ZP2.5	9.9 mm	25	1816140000
SDIS SL 0.6X3.5X100		1	1274660000

DEK 5/5 / WS 10/5

Feed-through terminals

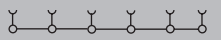
ZTC 2.5/4AN/4 — 2.5 mm²

4 pluggable connections



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	5.1 x 85.5 x 35
max. current / max. cond. cross-section	A/mm²	**/ 2.5**
Max. clamping range	mm²	**0.5...2.5**



Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	250		
Max. voltage of clamp support & pluggable system	V			
Rated current	A	24		
Rated cross-section	mm²	2.5		
Rated impulse withstand voltage / Pollution severity			4 kV / 2	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²	0.5...2.5	
Stripping length / Blade size	mm/-	/	

Note

Ordering data

Base terminal	Type	Qty.	Order No.
Dark beige Wemid	ZTC 2.5/4AN/4	50	**1898450000**

Plug-in connector	Type	Qty.	Order No.
1-pole	STGH ZPC2.5 DB	50	**2321640000**
2-pole			
3-pole			
4-pole			
5-pole			
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			

Note

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**
3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**
4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	**1909000000**

End plate / Partition plate		Width		
Dark beige Wemid	ZAP/TW ZT2.5/4AN/4	2.5 mm	50	**1816090000**
Orange Wemid				

Test adapter				
Standard				
With assembly peg				

Miscellaneous accessories WeiCoS				
Locking element				
Coding element				
Strain relief				

Screwdriver				
Standard				

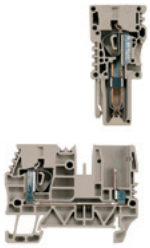
Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5

Note

Feed-through terminals

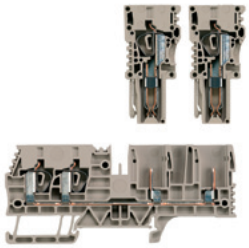
ZT 4/2AN/1	4 mm²

1 tension clamp connection / 1 pluggable connection



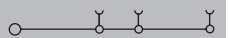
ZT 4/4AN/2	4 mm²

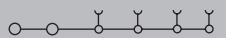
2 tension clamp connections / 2 pluggable connections



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	6.5 x 58 x 43.5	6.5 x 100.5 x 43.5
max. current / max. cond. cross-section	A/mm²	**32 / 6**	**32 / 6**
Max. clamping range	mm²	**0.13...6**	**0.13...6**





Technical data

Rated data		ZT 4/2AN/1	ZT 4/4AN/2
Rated voltage	V	IEC 60947-7-1, IEC 61984	IEC 60947-7-1, IEC 61984
Max. voltage of clamp support & pluggable system	V	IEC: 800 / UL: 600 (C) / CSA: 600 (C)	IEC: 800 / UL: 600 (C) / CSA: 600 (C)
Rated current	A	800	800
Rated cross-section	mm²	32 / 28 (C) / 28 (C)	32 / 28 (C) / 28 (C)
Rated impulse withstand voltage / Pollution severity		4 / AWG 26...10 / AWG 26...10	4 / AWG 26...10 / AWG 26...10
Gauge to IEC 60947-1 / Flammability class UL94		8 kV / 3	8 kV / 3
Approvals		A3 / V-0	A3 / V-0
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	Rated connection: 0.5...6 / Plug-in connection: 0.5...6	Rated connection: 0.5...6 / Plug-in connection: 0.5...6
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4 / 0.5/ 0.5...	0.5...6 / 0.5...4 / 0.5/ 0.5...
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		CSA current and voltage, acc. to Gr. C	CSA current and voltage, acc. to Gr. C

Ordering data

Base terminal		Type	Qty.	Order No.	Type	Qty.	Order No.
	Dark beige Wemid	ZT 4/2AN/1	50	**1854960000**	ZT 4/4AN/2	50	**1848350000**
Plug-in connector		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	1-pole	ZP 4/1AN/1	50	**1848340000**	ZP 4/1AN/1	50	**1848340000**
	2-pole	ZP 4/1AN/2	25	**1854990000**	ZP 4/1AN/2	25	**1854990000**
	3-pole	ZP 4/1AN/3	25	**1855000000**	ZP 4/1AN/3	25	**1855000000**
	4-pole	ZP 4/1AN/4	25	**1855010000**	ZP 4/1AN/4	25	**1855010000**
	5-pole	ZP 4/1AN/5	20	**1855020000**	ZP 4/1AN/5	20	**1855020000**
	6-pole	ZP 4/1AN/6	20	**1855030000**	ZP 4/1AN/6	20	**1855030000**
	7-pole	ZP 4/1AN/7	20	**1855040000**	ZP 4/1AN/7	20	**1855040000**
	8-pole	ZP 4/1AN/8	20	**1855050000**	ZP 4/1AN/8	20	**1855050000**
	9-pole	ZP 4/1AN/9	10	**1855060000**	ZP 4/1AN/9	10	**1855060000**
	10-pole	ZP 4/1AN/10	10	**1855070000**	ZP 4/1AN/10	10	**1855070000**
Note							

Accessories

Pluggable cross-connection		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
	2-pole	ZQV 4/2 GE	32 A	60	**1608950000**	ZQV 4/2 GE	32 A	60	**1608950000**
	3-pole								
	4-pole								
	10-pole								
	20-/24-pole								
End plate / Partition plate			**Width**				**Width**		
	Dark beige Wemid	ZAP/TW ZT4/2AN	3.25 mm	50	**1855220000**				
	Orange Wemid	ZAP/TW ZT4/2AN OR	3.25 mm	50	**1855230000**	ZAP/TW ZT4/4AN/2 OR	3.25 mm	50	**1855240000**
Test adapter									
	Standard								
	With assembly peg								
Miscellaneous accessories WeiCoS									
	Locking element	ZVR ZP4	5.5 mm	25	**1855250000**	ZVR ZP4	5.5 mm	25	**1855250000**
	Coding element	KOSF ZT4	5.4 mm	50	**1856860000**	KOSF ZT4	5.4 mm	50	**1856860000**
	Strain relief	ZZE ZP4	12.5 mm	25	**1855260000**	ZZE ZP4	12.5 mm	25	**1855260000**
Screwdriver									
	Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
Identification systems	(see assortment in catalogue 7)								
	Marking tags	DEK 5/6 / WS 10/6				DEK 5/6 / WS 10/6			
Note									

Modular PE terminals

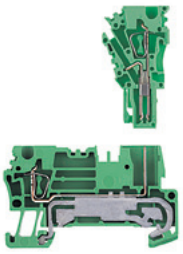
WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZTPE 2.5/2AN/1 — 2.5 mm²

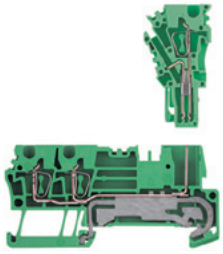
1 tension clamp connection / 1 pluggable connection



5.1 x 58 x 35
/ 4
0.13...4

ZTPE 2.5/3AN/1 — 2.5 mm²

2 tension clamp connections / 1 pluggable connection



5.1 x 71.5 x 35
/ 4
0.13...4

Technical data

Rated data		ZTPE 2.5/2AN/1	ZTPE 2.5/3AN/1
		IEC 60947-7-2	IEC 60947-7-2
		IEC / UL / CSA	IEC / UL / CSA
Rated cross-section	mm²	2.5 / AWG 26...12 / 26...12	2.5 / AWG 26...12 / 26...12
Max. voltage of clamp support & pluggable system	V	690	690
Rated voltage to adjoining terminal	V	500	500
Rated impulse withstand voltage to adjacent terminal	kV	6	6
Rated short-time current		300 A (2.5 mm²)	300 A (2.5 mm²)
Pollution severity		3	3
Gauge to IEC 60947-1 / Flammability class UL94		A2 / V-0	A2 / V-0
Approvals			
Clamped conductors (H05V/H07V)		Rated connection / Plug-in connection	Rated connection / Plug-in connection
Solid / stranded	mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5 / 0.5/ 0.5...2.5	0.5...4 / 0.5...2.5 / 0.5/ 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

Ordering data

	ZTPE 2.5/2AN/1			ZTPE 2.5/3AN/1		
Base terminal	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
green/yellow Wemid	ZTPE 2.5/2AN/1	50	**1815080000**	ZTPE 2.5/3AN/1	50	**1815100000**
Plug-in connector	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
1-pole	ZP 2.5/1AN/QV/1 GN	50	**1820570000**	ZP 2.5/1AN/QV/1 GN	50	**1820570000**
Note						

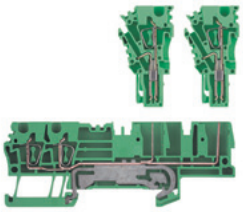
Accessories

	ZTPE 2.5/2AN/1				ZTPE 2.5/3AN/1			
End plate / Partition plate	**Type**	**Width**	**Qty.**	**Order No.**	**Type**	**Width**	**Qty.**	**Order No.**
Dark beige Wemid	ZAP/TW ZT2.5/2AN	2.5 mm	50	**1816030000**	ZAP/TW ZT2.5/3AN	2.5 mm	50	**1816050000**
Orange Wemid	ZAP/TW ZT2.5/2AN OR	2.5 mm	50	**1816040000**	ZAP/TW ZT2.5/3AN OR	2.5 mm	50	**1816060000**
Test adapter								
Standard	ZTA ZT2.5	5.1 mm	25	**1827080000**	ZTA ZT2.5	5.1 mm	25	**1827080000**
With assembly peg	ZTA ZT2.5/ZA	5.1 mm	25	**1847600000**	ZTA ZT2.5/ZA	5.1 mm	25	**1847600000**
Miscellaneous accessories WeiCoS								
Locking element	ZVR ZP2.5	3.9 mm	25	**1816130000**	ZVR ZP2.5	3.9 mm	25	**1816130000**
Coding element	KOSF ZT2.5	2.9 mm	50	**1816150000**	KOSF ZT2.5	2.9 mm	50	**1816150000**
Strain relief	ZZE ZP2.5	9.9 mm	25	**1816140000**	ZZE ZP2.5	9.9 mm	25	**1816140000**
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**

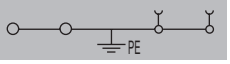
Identification systems	(see assortment in catalogue 7)		
Marking tags		DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5
Note			

ZTPE 2.5/4AN/2 — 2.5 mm²

2 tension clamp connections / 2 pluggable connections



5.1 x 93 x 35
/ 4
0.13...4



IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	26...12
690		
500		
6		
300 A (2.5 mm²)		
3		
A2 / V-0		

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

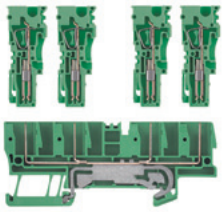
Type	Qty.	Order No.
ZTPE 2.5/4AN/2	50	**1815120000**
Type	**Qty.**	**Order No.**
ZP 2.5/1AN/QV/1 GN	50	**1820570000**

Type	Width	Qty.	Order No.
ZAP/TW ZT2.5/4AN/2	2.5 mm	50	**1816070000**
ZAP/TW ZT2.5/4AN/2 OR	2.5 mm	50	**1816080000**
ZTA ZT2.5	5.1 mm	25	**1827080000**
ZTA ZT2.5/ZA	5.1 mm	25	**1847600000**
ZVR ZP2.5	3.9 mm	25	**1816130000**
KOSF ZT2.5	2.9 mm	50	**1816150000**
ZZE ZP2.5	9.9 mm	25	**1816140000**
SDIS SL 0.6X3.5X100		1	**1274660000**

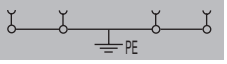
DEK 5/5 / WS 10/5

ZTPE 2.5/4AN/4 — 2.5 mm²

4 pluggable connections



5.1 x 85.5 x 35
/ 4
0.13...4



IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	26...12
690		
500		
6		
300 A (2.5 mm²)		
3		
A2 / V-0		

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

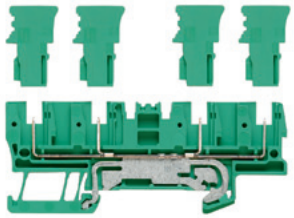
Type	Qty.	Order No.
ZTPE 2.5/4AN/4	50	**1815140000**
Type	**Qty.**	**Order No.**
ZP 2.5/1AN/QV/1 GN	50	**1820570000**

Type	Width	Qty.	Order No.
ZAP/TW ZT2.5/4AN/4	2.5 mm	50	**1816090000**
ZTA ZT2.5	5.1 mm	25	**1827080000**
ZTA ZT2.5/ZA	5.1 mm	25	**1847600000**
ZVR ZP2.5	3.9 mm	25	**1816130000**
KOSF ZT2.5	2.9 mm	50	**1816150000**
ZZE ZP2.5	9.9 mm	25	**1816140000**
SDIS SL 0.6X3.5X100		1	**1274660000**

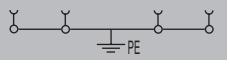
DEK 5/5 / WS 10/5

ZTCPE 2.5/4AN/4 — 2.5 mm²

4 pluggable connections



5.1 x 85.5 x 35
/ 2.5
0.5...2.5



IEC	UL	CSA
2.5		
250		
4		
300 A (2.5 mm²)		
2		
/ V-0		

Rated connection	Plug-in connection
0.5...2.5	
/	

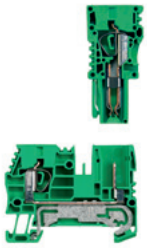
Type	Qty.	Order No.
ZTCPE 2.5/4AN/4	50	**1898480000**
Type	**Qty.**	**Order No.**
STGH ZPC2.5 DB	50	**2321640000**

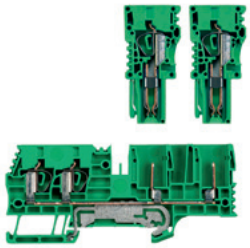
Type	Width	Qty.	Order No.
ZAP/TW ZT2.5/4AN/4	2.5 mm	50	**1816090000**

DEK 5/5 / WS 10/5

Modular PE terminals

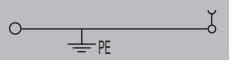
	ZTPE 4/2AN/1	4 mm²	ZTPE 4/4AN/2	4 mm²
	1 tension clamp connection / 1 pluggable connection		2 tension clamp connections / 2 pluggable connections	

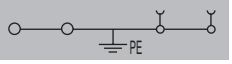




In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	6.5 x 58 x 43.5	6.5 x 100.5 x 43.5
max. current / max. cond. cross-section	A/mm²	/ 6	/ 6
Max. clamping range	mm²	0.13...6	0.13...6





Technical data

Rated data								
Rated cross-section	mm²	IEC	4	UL	AWG 26...10	CSA	AWG 26...10	
Max. voltage of clamp support & pluggable system	V		800					
Rated voltage to adjoining terminal	V		800					
Rated impulse withstand voltage to adjacent terminal	kV		8					
Rated short-time current			480 A (4 mm²)					
Pollution severity			3					
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0					
Approvals								
Clamped conductors (H05V/H07V)								
Solid / stranded	mm²	Rated connection	0.5...6		Plug-in connection			
Flexible / Flexible with ferrule	mm²		0.5...6 / 0.5...4		/ 0.5...4			
Stripping length / Blade size	mm/-		12 / 0.6 x 3.5 mm					
Note								

Rated data								
Rated cross-section	mm²	IEC	4	UL	AWG 26...10	CSA	AWG 26...10	
Max. voltage of clamp support & pluggable system	V		800					
Rated voltage to adjoining terminal	V		800					
Rated impulse withstand voltage to adjacent terminal	kV		8					
Rated short-time current			480 A (4 mm²)					
Pollution severity			3					
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0					
Approvals								
Clamped conductors (H05V/H07V)								
Solid / stranded	mm²	Rated connection	0.5...6		Plug-in connection			
Flexible / Flexible with ferrule	mm²		0.5...6 / 0.5...4		/ 0.5...4			
Stripping length / Blade size	mm/-		12 / 0.6 x 3.5 mm					
Note								

Ordering data

Base terminal		Type	Qty.	Order No.
	green/yellow Wemid	ZTPE 4/2AN/1	50	1854970000
Plug-in connector		**Type**	**Qty.**	**Order No.**
	1-pole	ZP 2.5/1AN/QV/1 GN	50	1820570000
Note				

Base terminal		Type	Qty.	Order No.
	green/yellow Wemid	ZTPE 4/4AN/2	50	1848330000
Plug-in connector		**Type**	**Qty.**	**Order No.**
	1-pole	ZP 2.5/1AN/QV/1 GN	50	1820570000
Note				

Accessories

End plate / Partition plate		Type	Width	Qty.	Order No.
	Dark beige Wemid	ZAP/TW ZT4/2AN	3.25 mm	50	1855220000
	Orange Wemid	ZAP/TW ZT4/2AN OR	3.25 mm	50	1855230000
Test adapter					
	Standard				
	With assembly peg				
Miscellaneous accessories WeiCoS					
	Locking element	ZVR ZP4	5.5 mm	25	1855250000
	Coding element	KOSF ZT4	5.4 mm	50	1856860000
	Strain relief	ZZE ZP4	12.5 mm	25	1855260000
Screwdriver					
	Standard	SDIS SL 0.6X3.5X100		1	1274660000

End plate / Partition plate		Type	Width	Qty.	Order No.
	Dark beige Wemid				
	Orange Wemid	ZAP/TW ZT4/4AN/2 OR	3.25 mm	50	1855240000
Test adapter					
	Standard				
	With assembly peg				
Miscellaneous accessories WeiCoS					
	Locking element	ZVR ZP4	5.5 mm	25	1855250000
	Coding element	KOSF ZT4	5.4 mm	50	1856860000
	Strain relief	ZZE ZP4	12.5 mm	25	1855260000
Screwdriver					
	Standard	SDIS SL 0.6X3.5X100		1	1274660000

Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/6 / WS 10/6	DEK 5/6 / WS 10/6
Note			

Two-tier modular terminals

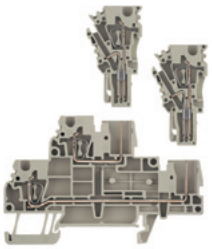
WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

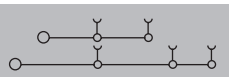
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDT 2.5/2 — 2.5 mm²

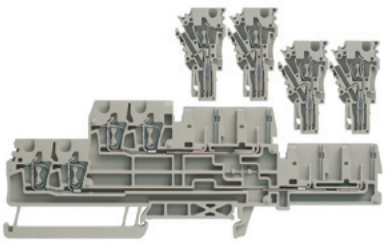
Two potentials feasible



5.1 x 80.5 x 52.5
24 / 4
0.13...4



ZDT 2.5/8AN/4 — 2.5 mm²



5.2 x 145 x 52.5
/ 4
0.5...4

Technical data

IEC 60947-7-1, IEC 61984

Rated data				
Rated voltage	V	IEC 500	UL 300 (C)	CSA 300 (C)
Max. voltage of clamp support & pluggable system	V	690		
Rated current	A	24	20 (C)	20 (C)
Rated cross-section	mm²	2.5	AWG 26...12	26...12
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A2 / V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Rated data		IEC	UL	CSA
Rated voltage	V	500		
Max. voltage of clamp support & pluggable system	V			
Rated current	A	24		
Rated cross-section	mm²	2.5		
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A2 / V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / stranded	mm²	0.5...4 / 0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Base terminal	Type	Qty.	Order No.
Dark beige Wemid	ZDT 2.5/2	50	1815150000
Plug-in connector	**Type**	**Qty.**	**Order No.**
1-pole	ZP 2.5/1AN/QV/1	50	1815190000
2-pole	ZP 2.5/1AN/QV/2	25	1815200000
3-pole	ZP 2.5/1AN/QV/3	25	1815210000
4-pole	ZP 2.5/1AN/QV/4	25	1815220000
5-pole	ZP 2.5/1AN/QV/5	25	1815230000
6-pole	ZP 2.5/1AN/QV/6	25	1815240000
7-pole	ZP 2.5/1AN/QV/7	25	1815250000
8-pole	ZP 2.5/1AN/QV/8	20	1815260000
9-pole	ZP 2.5/1AN/QV/9	20	1815270000
10-pole	ZP 2.5/1AN/QV/10	20	1815280000

Note

Base terminal	Type	Qty.	Order No.
Dark beige Wemid	ZDT 2.5/8AN/4	50	1259120000
Plug-in connector	**Type**	**Qty.**	**Order No.**
1-pole	ZP 2.5/1AN/QV/1	50	1815190000
2-pole	ZP 2.5/1AN/QV/2	25	1815200000
3-pole	ZP 2.5/1AN/QV/3	25	1815210000
4-pole	ZP 2.5/1AN/QV/4	25	1815220000
5-pole	ZP 2.5/1AN/QV/5	25	1815230000
6-pole	ZP 2.5/1AN/QV/6	25	1815240000
7-pole	ZP 2.5/1AN/QV/7	25	1815250000
8-pole	ZP 2.5/1AN/QV/8	20	1815260000
9-pole	ZP 2.5/1AN/QV/9	20	1815270000
10-pole	ZP 2.5/1AN/QV/10	20	1815280000

Note

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW ZDT2.5/2	2.5 mm	50	1816110000
Test adapter				
Standard	ZTA ZT2.5	5.1 mm	25	1827080000
With assembly peg	ZTA ZT2.5/ZA	5.1 mm	25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5	3.9 mm	25	1816130000
Coding element	KOSF ZT2.5	2.9 mm	50	1816150000
Strain relief	ZZE ZP2.5	9.9 mm	25	1816140000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5

Note

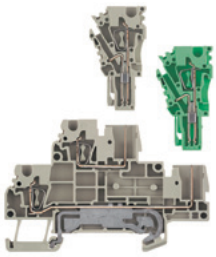
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW ZDT2.5/2	2.5 mm	50	1816110000
Test adapter				
Standard	ZTA ZT2.5	5.1 mm	25	1827080000
With assembly peg	ZTA ZT2.5/ZA	5.1 mm	25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5	3.9 mm	25	1816130000
Coding element	KOSF ZT2.5	2.9 mm	50	1816150000
Strain relief	ZZE ZP2.5	9.9 mm	25	1816140000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5

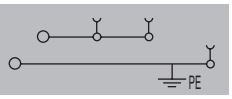
Note

ZDT 2.5/2 DU-PE — 2.5 mm²

Phase - PE conductor



5.1 x 80.5 x 52.5
24 / 4
0.13...4



IEC 60947-7-1 (-7-2), IEC 61984

IEC	UL	CSA
500	300 (C)	300 (C)
690		
24	20 (C)	20 (C)
2.5	AWG 26...12	26...12
	6 kV / 3	
	A2 / V-0	

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDT 2.5/2 DU-PE	50	**1815160000**

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	**1815190000**
ZP 2.5/1AN/QV/2	25	**1815200000**
ZP 2.5/1AN/QV/3	25	**1815210000**
ZP 2.5/1AN/QV/4	25	**1815220000**
ZP 2.5/1AN/QV/5	25	**1815230000**
ZP 2.5/1AN/QV/6	25	**1815240000**
ZP 2.5/1AN/QV/7	25	**1815250000**
ZP 2.5/1AN/QV/8	20	**1815260000**
ZP 2.5/1AN/QV/9	20	**1815270000**
ZP 2.5/1AN/QV/10	20	**1815280000**

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	**1693800000**
ZQV 2.5N/3 GE	24 A	60	**1693810000**
ZQV 2.5N/4 GE	24 A	60	**1693820000**
ZQV 2.5N/10 GE	24 A	20	**1693880000**
ZQV 2.5N/20 GE	24 A	20	**1909000000**
	Width		
ZAP/TW ZDT2.5/2	2.5 mm	50	**1816110000**
ZTA ZT2.5	5.1 mm	25	**1827080000**
ZTA ZT2.5/ZA	5.1 mm	25	**1847600000**
ZVR ZP2.5	3.9 mm	25	**1816130000**
KOSF ZT2.5	2.9 mm	50	**1816150000**
ZZE ZP2.5	9.9 mm	25	**1816140000**
SDIS SL 0.6X3.5X100		1	**1274660000**

DEK 5/5

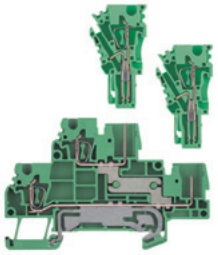
Two-tier modular terminals

WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

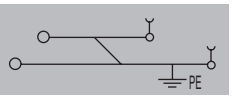
ZDT 2.5/2 PE — 2.5 mm²

2 tension clamp connections / 2 pluggable connections



Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

5.1 x 80.5 x 52.5
/ 4
0.13...4



Technical data

IEC 60947-7-2

Rated data		IEC	UL	CSA
Rated cross-section	mm²	2.5	AWG 26...12	26...12
Max. voltage of clamp support & pluggable system	V	690		
Rated voltage to adjoining terminal	V	500		
Rated impulse withstand voltage to adjacent terminal	kV		6	
Rated short-time current			300 A (2.5 mm²)	
Pollution severity			3	
Gauge to IEC 60947-1 / Flammability class UL94			A2 / V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.52.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	
	green/yellow Wemid
Plug-in connector	
	1-pole
Note	

Type	Qty.	Order No.
ZDT 2.5/2 PE	50	1815170000
Type	**Qty.**	**Order No.**
ZP 2.5/1AN/QV/1 GN	50	1820570000

Accessories

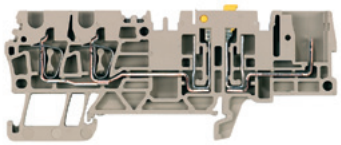
End plate / Partition plate	Type	Width	Qty.	Order No.
Dark beige Wemid	ZAP/TW ZDT2.5/2	2.5 mm	50	1816110000
Test adapter				
Standard	ZTA ZT2.5	5.1 mm	25	1827080000
With assembly peg	ZTA ZT2.5/ZA	5.1 mm	25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5	3.9 mm	25	1816130000
Coding element	KOSF ZT2.5	2.9 mm	50	1816150000
Strain relief	ZZE ZP2.5	9.9 mm	25	1816140000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5
Note	

Test-disconnect terminals

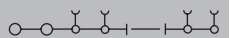
ZTTR 2.5 — 2.5 mm²

2 tension clamp connections / 1 pluggable connection



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	5.1 x 87 x 36.5 mm
max. current / max. cond. cross-section	**18 / 4** A/mm²
Max. clamping range	**0.13...4** mm²



Technical data

IEC 60947-7-1, IEC 61984

Rated data			
	IEC	UL	CSA
Rated voltage	400	600 (C)	300 (B)
Rated current	16	16 (C)	16 (B)
Rated cross-section	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A2 / V-0	
Approvals			

Clamped conductors (H05V/H07V)	Rated connection
Solid / stranded mm²	0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm

Note	
	CSA current and voltage, acc. to Gr. B

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	ZTTR 2.5	50	**1865510000**
Without isolator, Dark beige Wemid	ZTTR 2.5 0.TNHE	50	**1905470000**

Note	
	Please contact customer support when planning your installation with SIHA.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**
3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**
4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP/TW ZTTR2.5	2.5 mm	50	**1865520000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Testing / Checking				
Test plug	PS 2.3 RT	5.4 mm	20	**0180400000**
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	**1833100000**
with wire jumper	BEST/DRBR	5.1 mm	50	**1878570000**
With 1N4007 diode	BEST/D	5.1 mm	50	**1878560000**
Disconnect plug				
removable, as replacement for release lever	TNST		50	**1833090000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5

Note	
	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Feed-through modular terminals

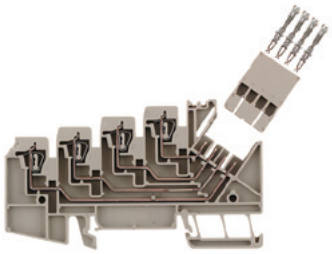
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

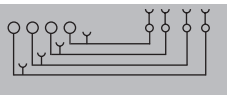
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZRV 1.5	1.5 mm²

Base terminal - plug

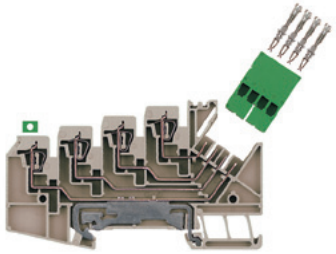


5.1 x 89.5 x 52.5
/ 2.5
0.13...2.5

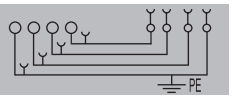


ZRV 1,5/PE	1.5 mm²

Base terminal - plug



5.1 x 89.5 x 52.5
/ 2.5
0.13...2.5



Technical data

Rated data		ZRV 1.5	ZRV 1,5/PE
Rated voltage	V	IEC 60947-7-1, IEC 61984	IEC 60947-7-1 (-7-2), IEC 61984
Rated current	A		
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		
Note			

IEC	UL	CSA
63	150 (C)	
4	10 (C)	
1.5	AWG 26...14	
	1.5 kV / 3	
	A1 / V-0	

Rated connection	Crimp connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	0.5...2.5
8 / 0.6 x 3.5 mm	

IEC	UL	CSA
63	150 (C)	
4	10 (C)	
1.5	AWG 26...14	
	1.5 kV / 3	
	A1 / V-0	

Rated connection	Crimp connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	0.5...2.5
8 / 0.6 x 3.5 mm	

Ordering data

Version	Type	Qty.	Order No.
Base terminal	ZRV 1.5	50	**1698160000**
Note			

Type	Qty.	Order No.
ZRV 1.5/PE	50	**1698170000**

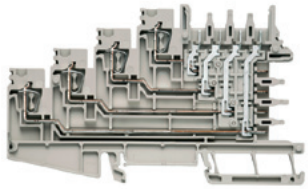
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
20-/24-pole				
STGH plug housing		**Width**		
With assembly peg	STGH 4 ZRV1.5	5 mm	50	**1698190000**
Without peg				
Crimp contacts				
Reel packaged				
	DFFC 0.2-0.35 ZRV1.5		500	**1705310000**
Single contacts	DFFC .5-1.0 ZRV1.5		500	**1705320000**
Test adapter				
Strain relief				
Plug housing black				
Black plug enclosure				
End plate / Partition plate				
beige Wemid				
Tools				
Crimping tool	HTF ZRV		1	**9014840000**
Mounting tool				

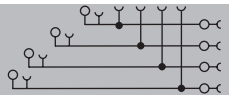
Pluggable cross-connection	Type	current	Qty.	Order No.
	Width			
	STGH 4 ZRV1.5/PE GN	5 mm	50	**1698200000**
	DFFC 0.2-0.35 ZRV1.5		500	**1705310000**
	DFFC .5-1.0 ZRV1.5		500	**1705320000**
	HTF ZRV		1	**9014840000**

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5	DEK 5/5
Note		

ZRV 2.5/2 — 2.5 mm²



5.2 x 115 x 70
10 / 4
0.21...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA
250	300 (C)	300 (D)
10	10 (C)	10 (D)
2.5	AWG 24...14	AWG 26...14
	4 kV / 3	
	A2 / V-0	

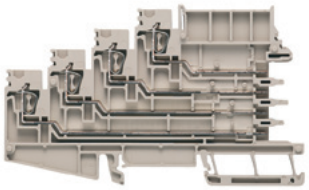
Rated connection	Crimp connection
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	0.5...2.5
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZRV 2.5/2	50	**1906970000**

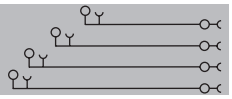
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
ZQV 2.5/20	24 A	20	**1908960000**
	Width		
STGH ZRV2.5	5.15 mm	50	**1907000000**
STGH 0.ZA ZRV2.5	5.15 mm	50	**1907010000**
FEKO ZRV2.5 0.2-0.35	4.15 mm	5000	**1854750000**
FEKO ZRV2.5 0.5-1	4.15 mm	5000	**1854760000**
FEKO ZRV2.5 1.5-2.5	4.15 mm	4000	**1848480000**
FEKO ET ZRV2.5 0.2-0.35	4.15 mm	500	**1893940000**
FEKO ET ZRV2.5 0.5-1	4.15 mm	500	**1893970000**
FEKO ET ZRV2.5 1.5-2.5	4.15 mm	500	**1893990000**
ZE ZRV2.5	5 mm	25	**2318670000**
STGH 0.R/SW ZRV2.5	5.15 mm	25	**1898420000**
STGH 0.ZA/0.R/SW ZRV2.5	5.15 mm	25	**1898430000**
AP ZRV2.5	5.1 mm	10	**1906980000**
HTF AFK 2.5		1	**9201040000**
Removal Tool AFK		1	**1866760000**

DEK 5/5 / WS 12/5

ZRV 2.5/1 — 2.5 mm²



5.2 x 115 x 70
/ 4
0.5...4



IEC	UL	CSA
250	300 (C)	
10	10 (C)	
2.5	AWG 24...14	
	4 kV / 3	
	/ V-0	

Rated connection	Crimp connection
0.5...4	
0.5...2.5	0.5...2.5
10 / 0.6 x 3.5 mm	

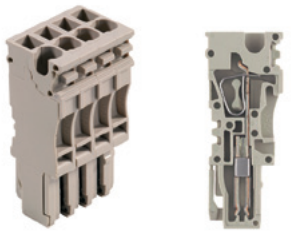
Type	Qty.	Order No.
ZRV 2.5/1	50	**1906960000**

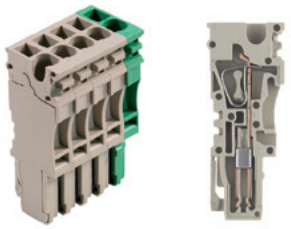
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
ZQV 2.5/20	24 A	20	**1908960000**
	Width		
STGH ZRV2.5	5.15 mm	50	**1907000000**
STGH 0.ZA ZRV2.5	5.15 mm	50	**1907010000**
FEKO ZRV2.5 0.2-0.35	4.15 mm	5000	**1854750000**
FEKO ZRV2.5 0.5-1	4.15 mm	5000	**1854760000**
FEKO ZRV2.5 1.5-2.5	4.15 mm	4000	**1848480000**
FEKO ET ZRV2.5 0.2-0.35	4.15 mm	500	**1893940000**
FEKO ET ZRV2.5 0.5-1	4.15 mm	500	**1893970000**
FEKO ET ZRV2.5 1.5-2.5	4.15 mm	500	**1893990000**
ZE ZRV2.5	5 mm	25	**2318670000**
STGH 0.R/SW ZRV2.5	5.15 mm	25	**1898420000**
STGH 0.ZA/0.R/SW ZRV2.5	5.15 mm	25	**1898430000**
AP ZRV2.5	5.1 mm	10	**1906980000**
HTF AFK 2.5		1	**9201040000**
Removal Tool AFK		1	**1866760000**

DEK 5/5 / WS 12/5

Plug-in connector

	ZP 2.5/1AN	2.5 mm²	ZP 2.5/1AN/GN/BE	2.5 mm²
	1...17-pole		2 to 17-pole Connectors each with one green pole	





In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	5.1 x 16 x 41	5.1 x 16 x 41
max. current / max. cond. cross-section	A/mm²	**24 / 4**	**24 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**

Technical data

Rated data			
Rated voltage	V	IEC 60947-7-1, IEC 61984	
Rated current	A		
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		

IEC	UL	CSA
500	300 (C)	300 (C)
24	20 (C)	20 (C)
2.5	AWG 26...12	26...12
	6 kV / 3	
	A2 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

IEC	UL	CSA
500	300 (C)	300 (C)
24	20 (C)	20 (C)
2.5	AWG 26...12	26...12
	6 kV /	
	A2 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
1-pole	ZP 2.5/1AN/1	50	**1815430000**			
2-pole	ZP 2.5/1AN/2	25	**1815440000**	ZP 2.5/1AN/2 GN/BE	25	**1867090000**
3-pole	ZP 2.5/1AN/3	25	**1815450000**	ZP 2.5/1AN/3 GN/BE	25	**1867100000**
4-pole	ZP 2.5/1AN/4	25	**1815500000**	ZP 2.5/1AN/4 GN/BE	25	**1867110000**
5-pole	ZP 2.5/1AN/5	25	**1815510000**	ZP 2.5/1AN/5 GN/BE	25	**1867120000**
6-pole	ZP 2.5/1AN/6	25	**1815520000**	ZP 2.5/1AN/6 GN/BE	25	**1867130000**
7-pole	ZP 2.5/1AN/7	25	**1815530000**	ZP 2.5/1AN/7 GN/BE	25	**1867140000**
8-pole	ZP 2.5/1AN/8	20	**1815540000**	ZP 2.5/1AN/8 GN/BE	20	**1867150000**
9-pole	ZP 2.5/1AN/9	20	**1815550000**	ZP 2.5/1AN/9 GN/BE	20	**1867160000**
10-pole	ZP 2.5/1AN/10	20	**1815560000**	ZP 2.5/1AN/10 GN/BE	20	**1867170000**
11-pole	ZP 2.5/1AN/11	20	**1815570000**	ZP 2.5/1AN/11 GN/BE	20	**1867180000**
12-pole	ZP 2.5/1AN/12	20	**1815580000**	ZP 2.5/1AN/12 GN/BE	20	**1867190000**
13-pole	ZP 2.5/1AN/13	10	**1815590000**	ZP 2.5/1AN/13 GN/BE	10	**1867200000**
14-pole	ZP 2.5/1AN/14	10	**1815600000**	ZP 2.5/1AN/14 GN/BE	10	**1867210000**
15-pole	ZP 2.5/1AN/15	10	**1815610000**	ZP 2.5/1AN/15 GN/BE	10	**1867220000**
16-pole	ZP 2.5/1AN/16	10	**1815620000**			
17-pole	ZP 2.5/1AN/17	10	**1815180000**	ZP 2.5/1AN/17 GN/BE	10	**1867240000**
24-pole	ZP 2.5/1AN/24	10	**1815720000**			
1-pole (green Wemid)	ZP 2.5/1AN/1 GN	50	**1820580000**			

Note

The technical specifications are only valid for use in conjunction with PE terminals, according to DIN EN 60947-7-2.

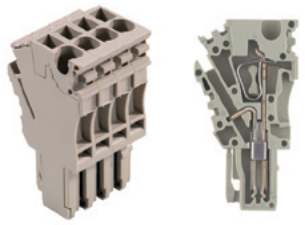
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole								
3-pole								
10-pole								
Test adapter		**Width**				**Width**		
Standard	ZTA ZT2.5	5.1 mm	25	**1827080000**	ZTA ZT2.5	5.1 mm	25	**1827080000**
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
Group designation								
Group designation	ZGB 30	7 mm	20	**1611930000**	ZGB 30	7 mm	20	**1611930000**
Protective strips transparent	STR 7 F.SCHT 7	6.3 mm	20	**0515300000**	STR 7 F.SCHT 7	6.3 mm	20	**0515300000**
Push-in tag blank	ESO 7 A4-BOGEN WEISS	6.3 mm	10	**1607720000**	ESO 7 A4-BOGEN WEISS	6.3 mm	10	**1607720000**

Identification systems (see assortment in catalogue 7)			
Marking tags	DEK 5/5 / WS 10/5		DEK 5/5 / WS 10/5
Note			

ZP 2.5/1AN/QV — 2.5 mm²

1...17-pole



5.1 x 23 x 41
24 / 4
0.13...4

IEC	UL	CSA
500	300 (C)	300 (C)
24	20 (C)	20 (C)
2.5	AWG 26...12	26...12
	6 kV /	
	A2 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

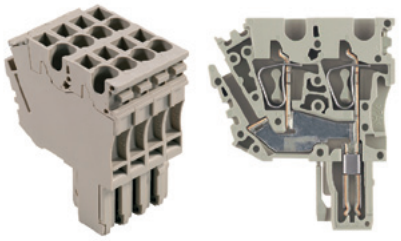
Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000
ZP 2.5/1AN/QV/11	20	1815290000
ZP 2.5/1AN/QV/12	20	1815300000
ZP 2.5/1AN/QV/13	10	1815310000
ZP 2.5/1AN/QV/14	10	1815320000
ZP 2.5/1AN/QV/15	10	1815330000
ZP 2.5/1AN/QV/16	10	1815340000
ZP 2.5/1AN/QV/17	10	1815350000
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/10 GE	24 A	20	1693880000
	Width		
ZTA ZT2.5	5.1 mm	25	1827080000
SDIS SL 0.6X3.5X100		1	1274660000
ZGB 30	7 mm	20	1611930000
STR 7 F.SCHT 7	6.3 mm	20	0515300000
ESO 7 A4-BOGEN WEISS	6.3 mm	10	1607720000

DEK 5/5 / WS 10/5

ZP 2.5/2AN/QV — 2.5 mm²

1...16-pole



5.1 x 37 x 41
24 / 4
0.13...4

IEC 60947-7-1, IEC 61984

IEC	UL	CSA
500	300 (C)	300 (C)
24	20 (C)	20 (C)
2.5	AWG 26...12	26...12
	6 kV / 3	
	A2 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

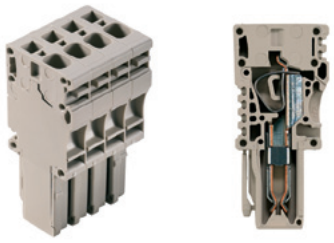
Type	Qty.	Order No.
ZP 2.5/2AN/QV/1	50	1815730000
ZP 2.5/2AN/QV/2	20	1815740000
ZP 2.5/2AN/QV/3	20	1815750000
ZP 2.5/2AN/QV/4	20	1815760000
ZP 2.5/2AN/QV/5	20	1815770000
ZP 2.5/2AN/QV/6	20	1815780000
ZP 2.5/2AN/QV/7	20	1815790000
ZP 2.5/2AN/QV/8	10	1815800000
ZP 2.5/2AN/QV/9	10	1815810000
ZP 2.5/2AN/QV/10	10	1815820000
ZP 2.5/2AN/QV/11	10	1815830000
ZP 2.5/2AN/QV/12	10	1815840000
ZP 2.5/2AN/QV/13	5	1815850000
ZP 2.5/2AN/QV/14	5	1815860000
ZP 2.5/2AN/QV/15	5	1815870000
ZP 2.5/2AN/QV/16	5	1815880000
ZP 2.5/2AN/QV/1 GN	50	1820590000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/10 GE	24 A	20	1693880000
	Width		
ZTA ZT2.5	5.1 mm	25	1827080000
SDIS SL 0.6X3.5X100		1	1274660000
ZGB 30	7 mm	20	1611930000
STR 7 F.SCHT 7	6.3 mm	20	0515300000
ESO 7 A4-BOGEN WEISS	6.3 mm	10	1607720000

DEK 5/5 / WS 10/5

ZP 4/1AN — 4 mm²

1...16-pole



6.5 x 22.5 x 47.5
32 / 6
0.13...6

IEC 60947-7-1, IEC 61984

IEC	UL	CSA
800	600 (C)	600 (C)
32	28 (C)	28 (C)
4	AWG 26...10	AWG 26...10
	8 kV / 3	
	A3 / V-0	

Rated connection
0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

CSA current and voltage, acc. to Gr. C

Type	Qty.	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/9	10	1855060000
ZP 4/1AN/10	10	1855070000
ZP 4/1AN/11	20	1855080000
ZP 4/1AN/12	10	1855090000
ZP 4/1AN/13	10	1855100000
ZP 4/1AN/14	10	1855110000
ZP 4/1AN/15	10	1855120000
ZP 4/1AN/16	10	1855130000
ZP 4/1AN/1 GN	50	1854980000

Type	current	Qty.	Order No.
	Width		
SDIS SL 0.6X3.5X100		1	1274660000

DEK 5/5 / WS 10/6

WeiCoS – single slice elements

Single slice elements for self-assembly

The WeiCoS single slice elements from Weidmüller enhance flexibility by providing a solution for almost every application. The plug-in connectors are pipped together to offer a compact modular solution directly in situ to suit the particular application. These single slices are available in green (GN) and beige (BE).

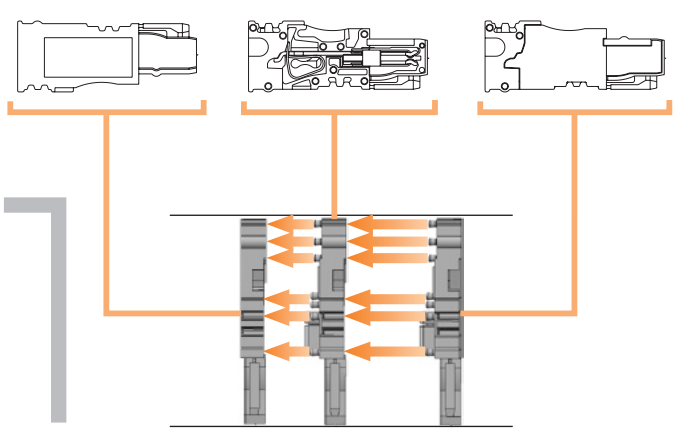
Single slice element ZP 2.5/1AN plug

Ordering data

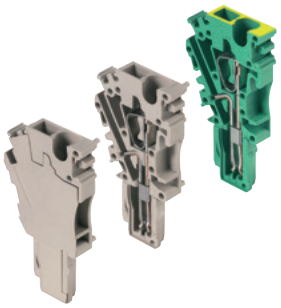
Type	Qty.	Order No.
ZP 2.5/1AN	50	1875150000
ZP 2.5/1AN ZA O.RA	50	1875210000
ZP 2.5/1AN ZA	50	1875190000
ZP 2.5/1AN ZA O.RA BL	50	1972980000
ZP 2.5/1AN ZA BL	50	1009070000
ZP 2.5/1AN GN	50	1875180000
ZP 2.5/1AN ZA O.RA GN	50	1875220000
ZP 2.5/1AN ZA GN	50	1875200000

Construction of plug:

1 start element	n-2 core element	1 end element
1875150000 BE	1875210000 BE	1875190000 BE
1875180000 GN	1972980000 BL	1009070000 BL
	1875220000 GN	1875200000 GN



Single slice element ZP 2.5/1AN/QV plug

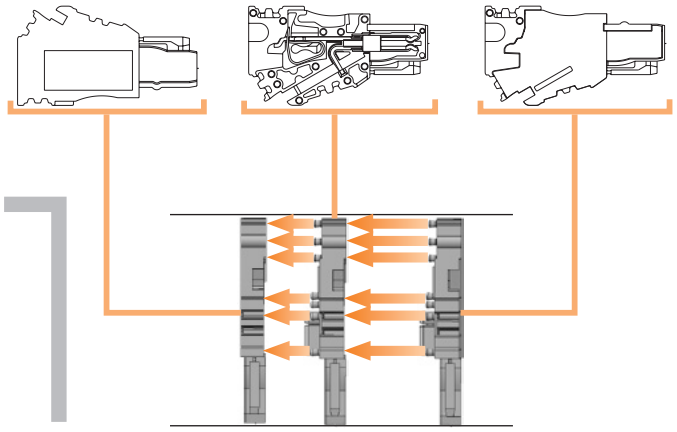


Ordering data

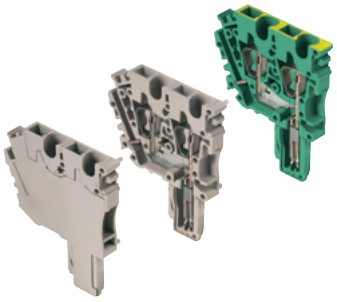
Type	Qty.	Order No.
ZP 2.5/1AN/QV	50	1007900000
ZP 2.5/1AN/QV ZA O.RA	50	1007960000
ZP 2.5/1AN/QV ZA	50	1007930000
ZP 2.5/1AN/QV BL	50	1007910000
ZP 2.5/1AN/QV ZAO.RA BL	50	1007970000
ZP 2.5/1AN/QV ZA BL	50	1007940000
ZP 2.5/1AN/QV GN	50	1007920000
ZP 2.5/1AN/QV ZAO.RA GN	50	1007980000
ZP 2.5/1AN/QV ZA GN	50	1007950000

Construction of plug:

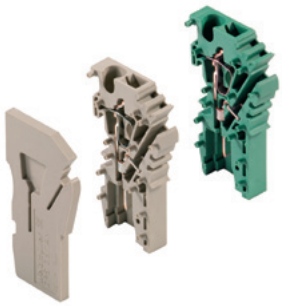
1 start element	n-2 core element	1 end element
1007900000 BE	1007960000 BE	1007930000 BE
1007910000 BL	1007970000 BL	1007940000 BL
1007920000 GN	1007980000 GN	1007950000 GN



Single slice element ZP 2.5/2AN/QV plug



Single slice element ZPS coupling



Ordering data

Type	Qty.	Order No.
ZP 2.5/2AN/QV	50	1007810000
ZP 2.5/2AN/QV ZA O.RA	50	1007870000
ZP 2.5/2AN/QV ZA	50	1007840000
ZP 2.5/2AN/QV BL	50	1007820000
ZP 2.5/2AN/QV ZAO.RA BL	50	1007880000
ZP 2.5/2AN/QV ZA BL	50	1007850000
ZP 2.5/2AN/QV GN	50	1007830000
ZP 2.5/2AN/QV ZAO.RA GN	50	1007890000
ZP 2.5/2AN/QV ZA GN	50	1007860000

Ordering data

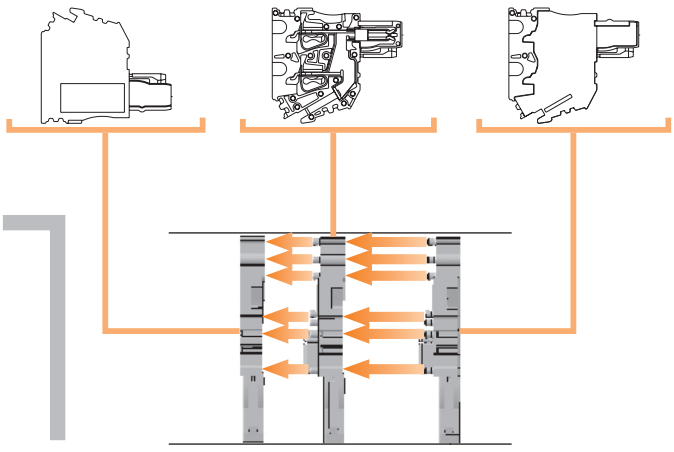
Type	Qty.	Order No.
GHDE ZPS 2.5/1AN	50	1866070000
ZPS 2.5/1AN/QV/1GN	50	1861050000
ZPS 2.5/1AN/QV	50	1861040000

Construction of plug:

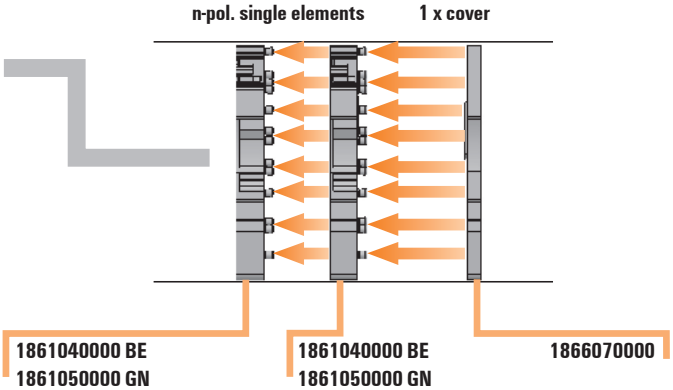
1 start element
1007810000 BE
1007820000 BL
1007830000 GN

n-2 core element
1007870000 BE
1007880000 BL
1007890000 GN

1 end element
1007840000 BE
1007850000 BL
1007860000 GN



Construction of coupling:



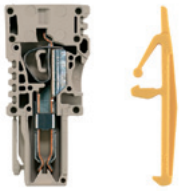
Single slice element plugged into start element

Plug accessories

WeiCoS 2.5 mm²

Locking element

ZVR ZP 2.5

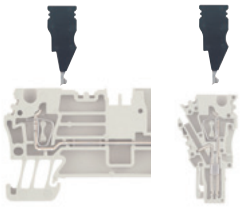


Ordering data	Type	Qty.	Order No.
	ZVR ZP 2.5	25	1816130000

Test adapter

1 x **1827080000** and
(n-1) x **1847600000** are required for setting up n-pole blocks.

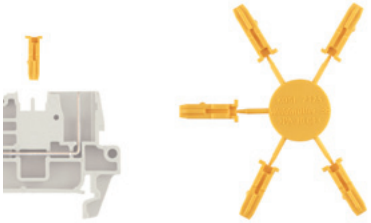
ZTA ZT 2.5



Ordering data	Type	Qty.	Order No.
	ZTA ZT 2.5 (without spigot)	25	1827080000
	ZTA ZT 2.5 (with spigot)	25	1847600000

Coding element

KOSF ZT 2.5



Ordering data	Type	Qty.	Order No.
	KOSF ZT 2.5	50	1816150000

Locking element

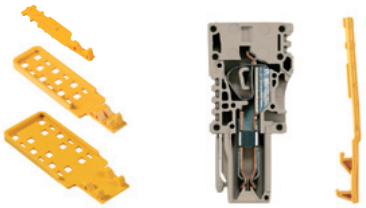
ZVR ZP 2.5 in conjunction with separate coupling

ZVR ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVR ZPS 2.5	20	1878620000

Strain relief

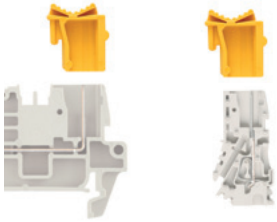
ZZE ZP 2.5



Ordering data	Type	Qty.	Order No.
	ZZE ZP 2.5 – 1-pole	25	1816140000
	ZZE ZP 2.5/4 – 4-pole	25	1866220000
	ZZE ZP 2.5/8 – 8-pole	25	1866230000

Protective cover

ZAD ZT / ZPS 2.5



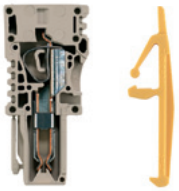
Ordering data	Type	Qty.	Order No.
	ZAD ZT / ZPS 2.5	50	1861030000

Plug accessories

WeiCoS 4 mm²

Locking element

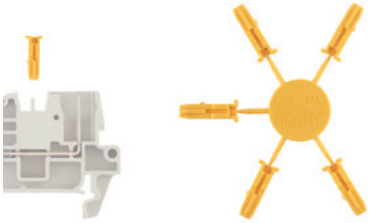
ZVR ZP 4



Ordering data	Type	Qty.	Order No.
	ZVR ZP 4	25	1855250000

Coding element

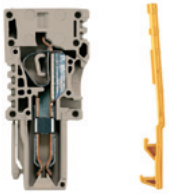
KOSF ZT 4



Ordering data	Type	Qty.	Order No.
	KOSF ZT 4	50	1856860000

Strain relief

ZZE ZP 4



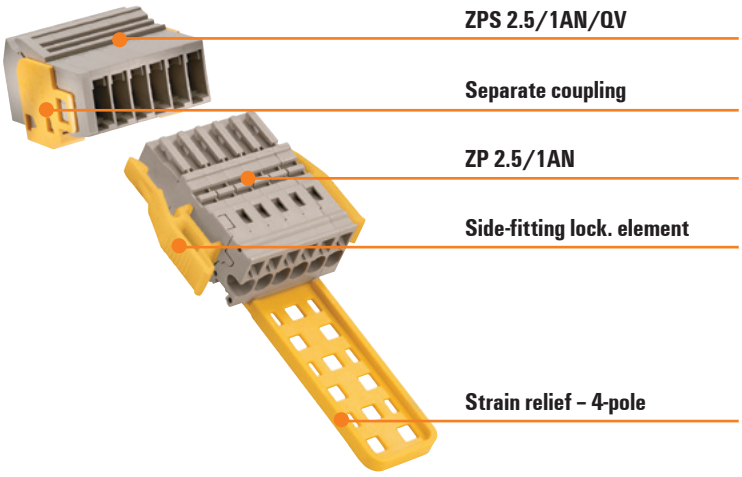
Ordering data	Type	Qty.	Order No.
	ZZE ZP 4	25	1855260000

Mounting set – separate coupling

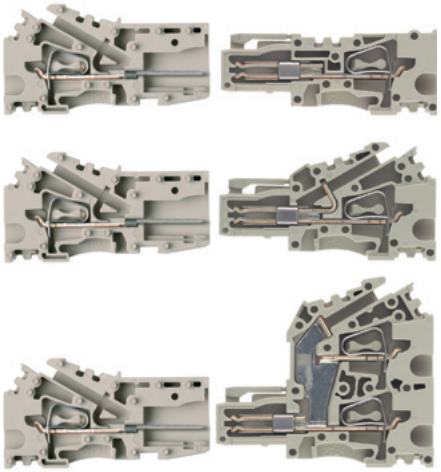
Individual applications without the use of component parts would be unthinkable in industry today.

Coupled with high temperature and vibration demands, modularity requires the use of specially tested products. Wherever functional units are pre-assembled or have to be quickly separated, flexible systems are high on the agenda. The WeiCoS separate coupling represents a further extension to the Weidmüller modular concept. It is the ideal solution for wiring without "heavyweight" enclosures.

In addition, this separate coupling concept from Weidmüller represents a compact alternative to the through-panel plug-in connector or signal and lighting distribution terminals. Together with the pluggable modular terminals from the WeiCoS range, they form an ideal combination for creating flexible, functional units.



Separate coupling – 3 plugs, 1 line



Separate coupling

ZVLA1 ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVLA1 ZPS 2.5	20	1866250000

Alternative to the side-fitting locking element, the central locking element

ZVR ZP 2.5

Ordering data	Type	Qty.	Order No.
	ZVR ZP 2.5	20	1816130000

Strain relief

ZZE ZP 2.5 / 4 / 8

Ordering data	Type	Qty.	Order No.
	ZZE ZP 2.5 – 1-pole	25	1816140000
	ZZE ZP 2.5/4 – 4-pole	25	1866220000
	ZZE ZP 2.5/8 – 8-pole	25	1866230000

ZP 2.5/1AN/6

Ordering data	Type	Qty.	Order No.
	ZP 2.5/1AN/6	25	1815520000

Side-fitting locking element

ZVR ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVR ZPS 2.5	20	1878620000

ZPS 2.5/1AN/QV 6

Ordering data	Type	Qty.	Order No.
	ZPS 2.5/1AN/QV 6	25	1865940000

Mounting set – coupling

The new options

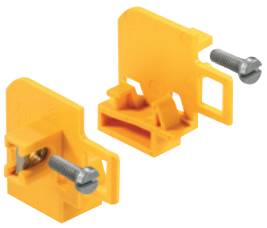
Although a separate coupling is very useful (enabling a connection to be disconnected at any point), users do not always want them to be quite so readily separable.

We have therefore devised the following fixing variations for separate couplings:

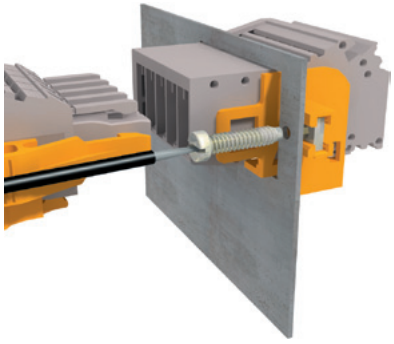
- Screws for fixing to a mounting plate or enclosure wall.
- Clips for fixing to a mounting plate or enclosure wall (in this version every pole can be provided with a clip if required).
- Clips for direct fixing to a terminal rail (TS 15 or TS 35).

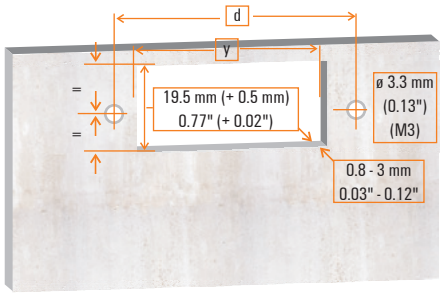
Of special note is the fact that the coupling blocks can be supplied already fitted with the fixings you require.

Screwed through-wall fixing



Type	Qty.	Order No.
ZVLA DF ZPS2.5	20	1878600000



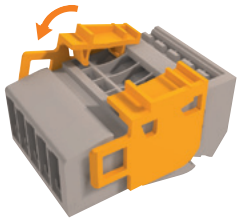


y = n x 5.1 mm + 5.5 mm
d = n x 5.1 mm + 13.5 mm

y = n x 0.25" + 0.216"
d = n x 0.25" + 0.53"

n-pole	y		d	
	mm	inch(")	mm	inch(")
2-pole	15.7	0.62	23.7	0.93
3-pole	20.8	0.82	28.8	1.13
4-pole	25.9	1.02	33.9	1.33
5-pole	31.0	1.22	38.9	1.53
6-pole	36.1	1.42	44.1	1.74
7-pole	41.2	1.62	49.2	1.94
8-pole	46.3	1.82	54.3	2.14
9-pole	51.4	2.02	59.4	2.34
10-pole	56.5	2.22	64.5	2.55
11-pole	61.6	2.43	69.6	2.74
12-pole	66.7	2.63	74.7	2.94
13-pole	71.8	2.83	79.8	3.14
14-pole	76.9	3.03	84.9	3.34
15-pole	82.0	3.23	90.0	3.54
16-pole	87.1	3.43	95.1	3.74

WeiCoS

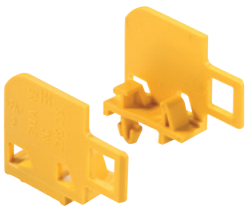


Plug-in connector system with an infinite number of combinations – but always with the same fitting method.

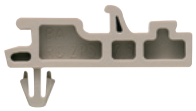
Direct mounting – screwed

Type	Qty.	Order No.
ZVLA SC ZPS 2.5	20	1866240000

Direct mounting – clipped

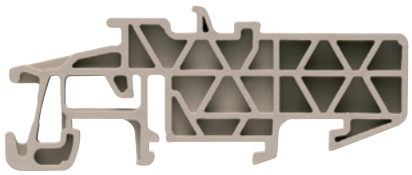


Type	Qty.	Order No.
ZVLA RC ZPS 2.5	20	1866260000



Type	Qty.	Order No.
BA RC ZPS 2.5	100	1908560000

on terminal rail



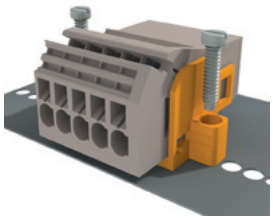
Type	Qty.	Order No.
MOFU 15/35 ZPS 2.5	25	1899170000

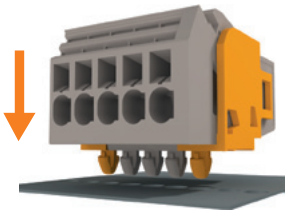
Plug support prevents buckling of the connection

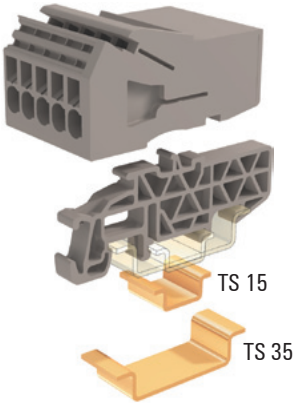
Type	Qty.	Order No.
BA ZPS 2.5	100	1908550000

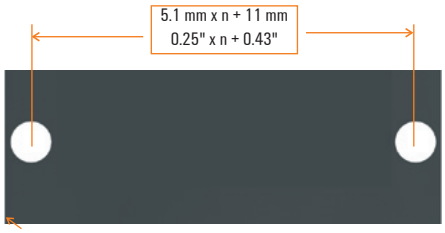
Plug support prevents buckling of the connection

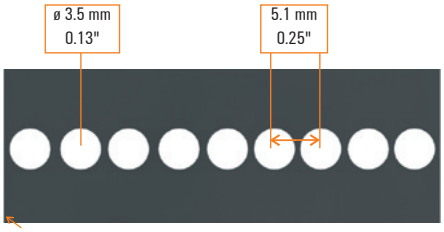
Type	Qty.	Order No.
BA ZPS 2.5	100	1908550000



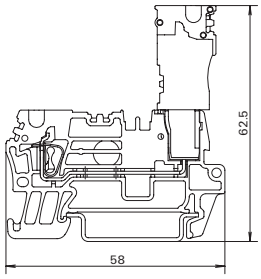


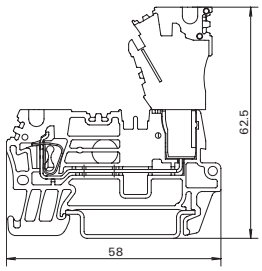


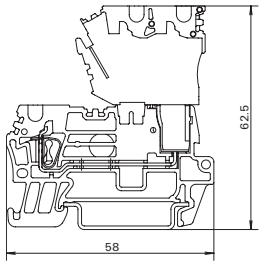


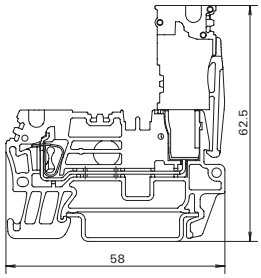


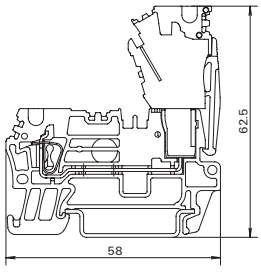
ZT 2.5/2AN/1

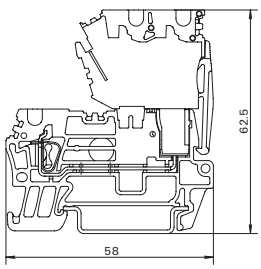




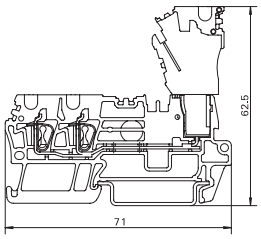


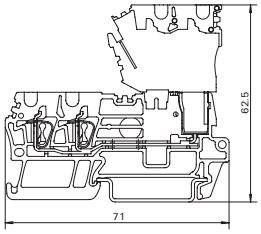


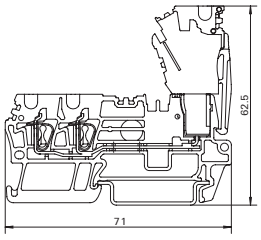


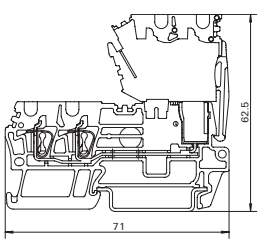


ZT 2.5/3AN/1

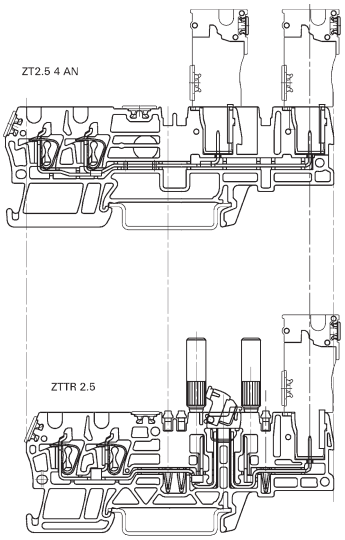






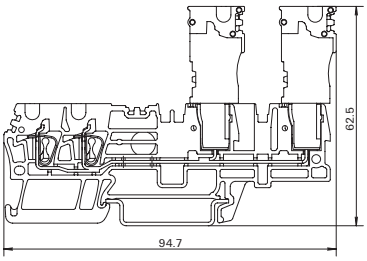


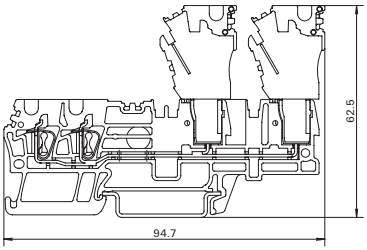
ZTTR 2.5/3AN/1

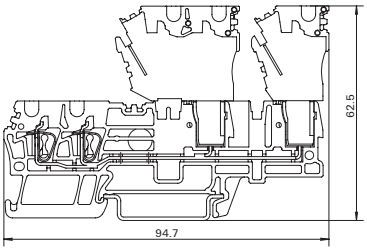


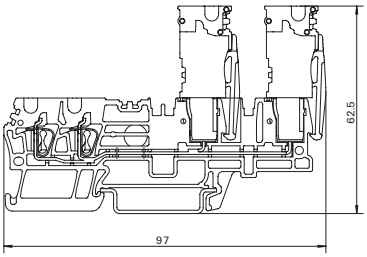
A connector alignment:
the ZTTR can be combined with ZTPE 2.5.

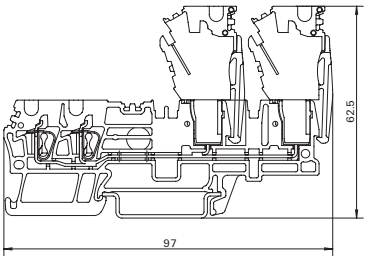
ZT 2.5/4AN/2



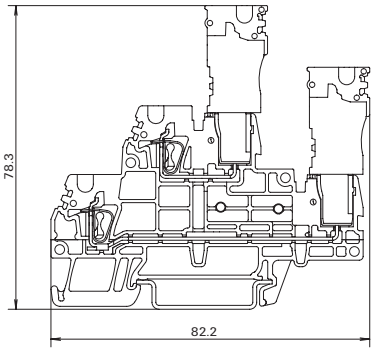


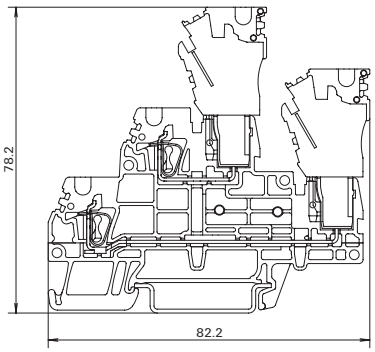


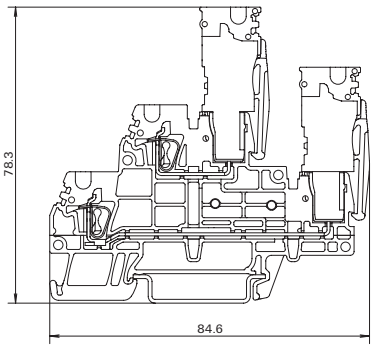


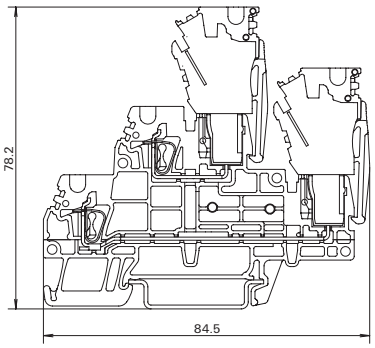


ZTD 2.5/2

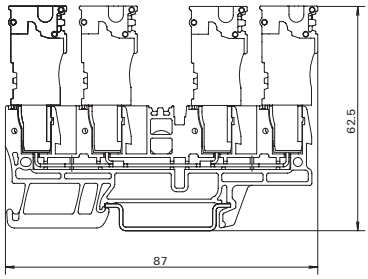


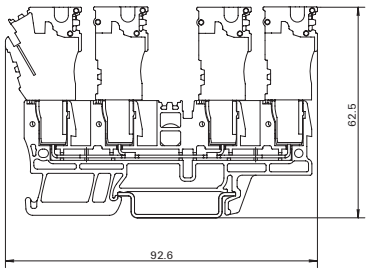


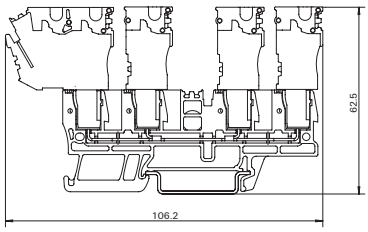


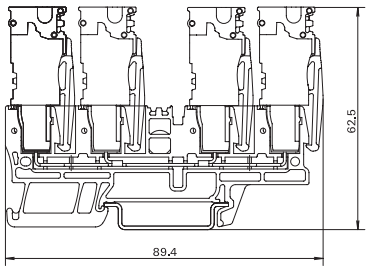


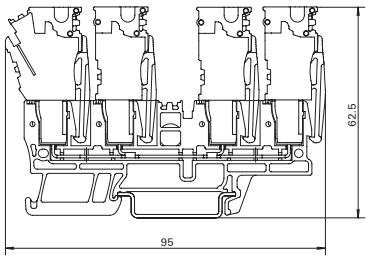
ZT 2.5/4AN/4









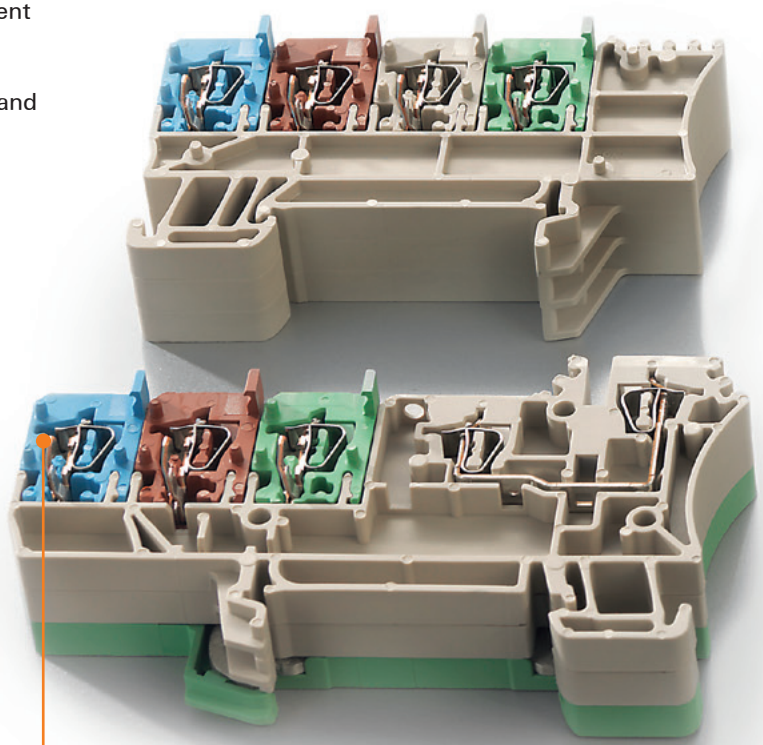


A modular distribution system with proven tension-clamp connections

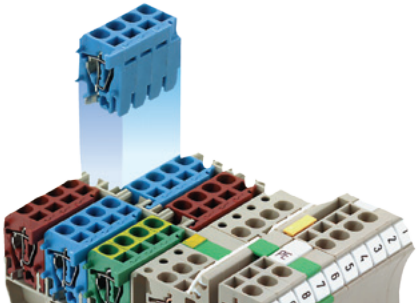
Distribution terminal bars from stackable single modules, consisting of carrier and base elements

The basis for this modular system is the side-by-side mounting of the individual modules of the distribution terminals with their integral cross-connection. The female contact is on one side, the male contact on the other. Thanks to the modular thin-element design, variable distribution strips can be set up to suit the application. The base elements, which are clipped onto TS 35 terminal rails, form the supports for these module combinations. These base elements are available in a number of different versions:

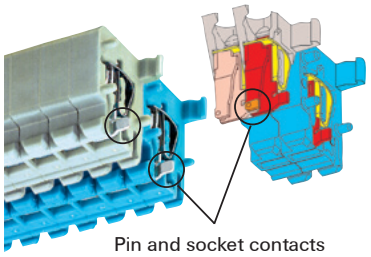
- Carrier elements with and without signal lines for 3- and 4-wire connections
- Modular construction which enables individual configuration



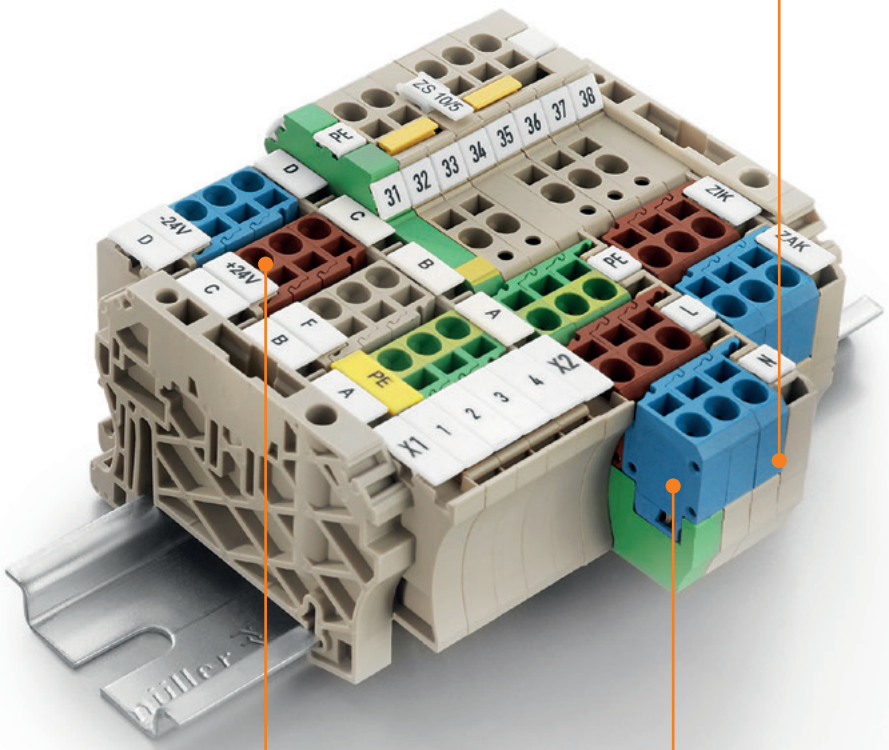
Simple operation
The distribution terminals with integrated cross-connections can be joined together and be snapped into the base elements by hand.



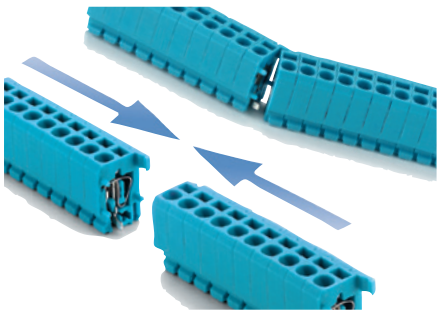
Integrated cross-connection
Potential distribution with integrated cross-connections of the male and female contacts.



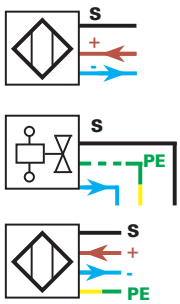
Pin and socket contacts



Modular system
Variable number of poles available on account of their simple connection or seperation capabilities.

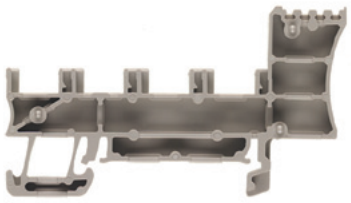
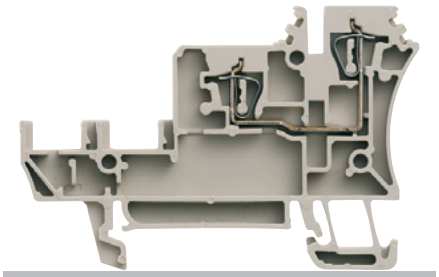


For initiators and actuators
The modular distribution strip system is a convenient way to supply initiators and actuators with three- or four-wire power connections.



The modular distribution strip system

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		ZPV 1.5	1.5 mm²	ZIA 1.5/3 L...	1.5 mm²
		Base element		Base element 3-wire	
					
Width/Length/Height of lowest version	mm	5.1 x 67.8 x 38.35		5.08 x 68.5 x 46	
max. current / max. cond. cross-section	A/mm²			/ 2.5	
Max. clamping range	mm²			0.13...2.5	

Technical data

		ZPV 1.5	1.5 mm²	ZIA 1.5/3 L...	1.5 mm²
Rated data		IEC 60947-7-1		IEC 60947-7-1	
		IEC / UL / CSA		IEC / UL / CSA	
Rated voltage	V	250 / 300 (D)		250 / 300 (D) / 300 (D)	
Max. voltage of clamp support & pluggable system	V				
Rated current	A	17.5 / 10 (D)		17.5 / 10 (D) / 10 (D)	
Rated cross-section	mm²	1.5 / AWG 26...14 / AWG 26...14		1.5 / AWG 26...14 / AWG 26...14	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		4 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		/ V-0		A1 / V-0	
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**		**Rated connection**	
Solid / stranded	mm²			0.5...2.5	
Flexible / Flexible with ferrule	mm²			0.5...2.5 / 0.5...1.5	
Stripping length / Blade size	mm/-			8 / 0.6 x 3.5 mm	
Note				Bi-directional LED in ZIA 1.5/3L-1/LD (1651990000)	

Ordering data

Base terminal	ZPV 1.5	Qty.	Order No.	ZIA 1.5/3L-1S	100	1651980000
Base terminal				ZIA 1.5/3L-1S/LD-RT	50	1651990000
Base terminal with LED				ZIA 1.5/3L-PE	20	1652000000
PE base terminal						
Dark beige Wemid						
Blue Wemid						
Brown Wemid						
Dark beige Wemid						
green/yellow Wemid						
Note	ZVL 1.5 0.QV = distribution strip without internal bridge for park position			ZVL 1.5 0.QV = distribution strip without internal bridge for park position		

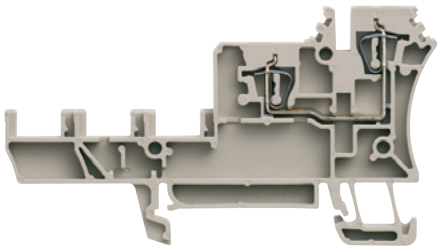
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	ZQV 2.5/2	24 A	60	1608860000
2-pole					ZQV 2.5/3	24 A	60	1608870000
3-pole					ZQV 2.5/4	24 A	60	1608880000
4-pole					ZQV 2.5/10	24 A	20	1608940000
10-pole					ZQV 2.5/50	24 A	10	1697540000
50-pole								
Reducing sleeves					**Width**			
For conductors < 0.5 mm² / AWG 20					ZRH 1.5N/1	4.85 mm	1000	1632140000
For conductors < 1.0 mm² / AWG 18					ZRH 1.5N/2	4.85 mm	1000	1632130000
End plate / Partition plate		**Width**						
Dark beige Wemid	ZAP/TW ZPV1.5	5.08 mm	50	1674650000	ZAP/TW ZIA1.5/3L	5.08 mm	50	1649540000
With assembly peg								
Without peg								
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	1274660000	SDIS SL 0.6X3.5X100		1	1274660000

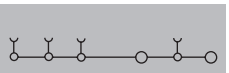
Identification systems (see assortment in catalogue 7)			DEK 5/5
Marking tags	DEK 5/5 / WS 12/5		DEK 5/5
Note	For holding the ZVL 1.5 distribution strip		

ZIA 1.5/4 L... — 1.5 mm²

Base element 4-wire



5.08 x 81.5 x 46
/ 2.5
0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
250	300 (D)	
17.5	10 (D)	
1.5	AWG 26...14	AWG 26...14
	4 kV / 3	
	A1 / V-0	

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
8 / 0.6 x 3.5 mm

Bi-directional LED in ZIA 1.5/4L-1/LD (1652020000)

Type	Qty.	Order No.
ZIA 1.5/4L-1S	100	**1652010000**
ZIA 1.5/4L-1S/LD	50	**1652020000**
ZIA 1.5/4L-PE	20	**1652030000**

ZVL 1.5 0.QV = distribution strip without internal bridge for park position

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
ZQV 2.5/50	24 A	10	**1697540000**
	Width		
ZRH 1.5N/1	4.85 mm	1000	**1632140000**
ZRH 1.5N/2	4.85 mm	1000	**1632130000**
ZAP/TW ZIA1.5/4L	5.08 mm	50	**1649550000**
SDIS SL 0.6X3.5X100		1	**1274660000**

DEK 5/5

ZVL 1.5 — 1.5 mm²

Distribution strip

5.08 x 12.9 x 17.45
/ 2.5
0.13...2.5

IEC 60947-7-1

IEC	UL	CSA
250	300 (D)	300 (D)
17.5	10 (D)	10 (D)
1.5	AWG 26...14	AWG 26...14
	4 kV / 3	
	A2 / V-0	

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZVL 1.5	100	**1649300000**
ZVL 1.5 BL	100	**1650360000**
ZVL 1.5 BR	100	**1650370000**
ZVL 1.5 0.QV	100	**1711930000**
ZVL 1.5/PE GN/GE BED	100	**1651970000**

ZVL 1.5 0.QV = distribution strip without internal bridge for park position

Type	current	Qty.	Order No.
	Width		
ZRH 1.5N/1	4.85 mm	1000	**1632140000**
ZRH 1.5N/2	4.85 mm	1000	**1632130000**
BZT ZVL1.5	5 mm	100	**1676610000**
BZT ZVL1.5/0.ZA	5 mm	100	**1676620000**
SDIS SL 0.6X3.5X100		1	**1274660000**

DEK 5/5

Integrated cross-connectors.
Distribution strip for base element ZPV 1.5 Order no. 1676630000

Modular design

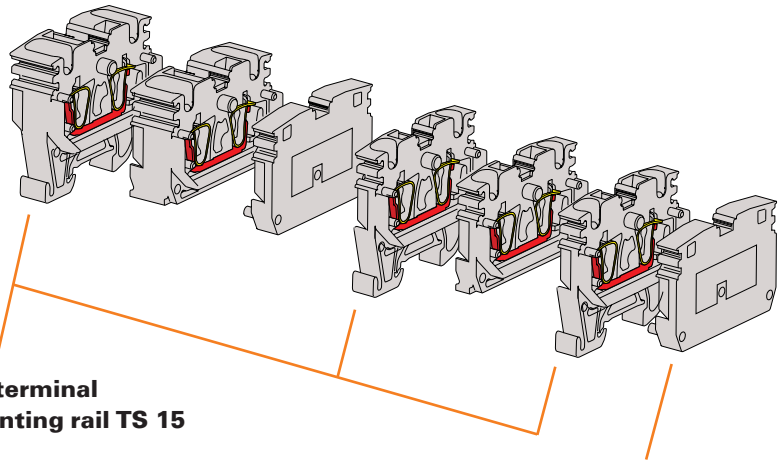
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

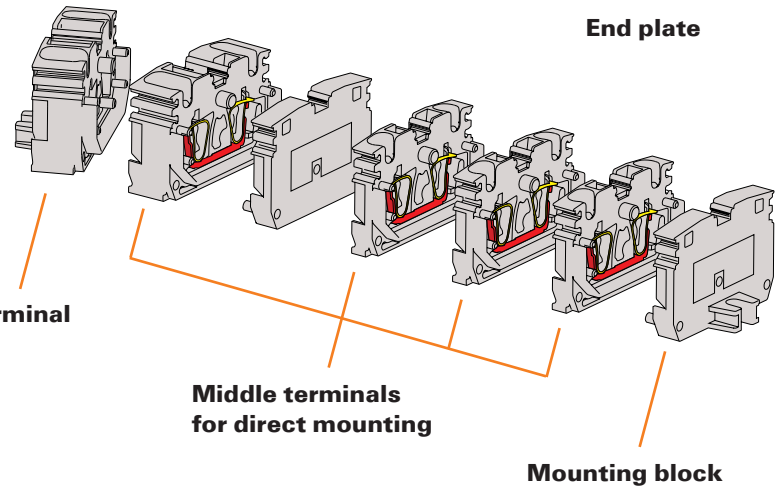
An individual colour scheme for individual connection groups allows visual differentiation between different circuits.

With a structural width of only 5 mm (2 connections) or 10 mm (4 connections), the TOP connection system guarantees clearly organised wiring of circuits, even in terminal boxes with restricted space.

There are three different marking options for quick and clear identification of each terminal.

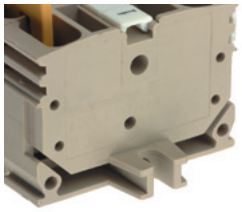
Made of Weidmüller's top quality WEMID insulation, all block terminals comply with requirements for a V0 flammability class to UL94.





Individual blocks are put together from **middle terminals** and an end plate for the open side. Screw fastening involves the first middle terminal and the **end plate** being replaced by end terminals for fastening purposes. With the other fastening variations, **middle terminals with means of fastening** are integrated within the block or a **mounting foot (MOFU)** is used for fitting to the mounting rail.

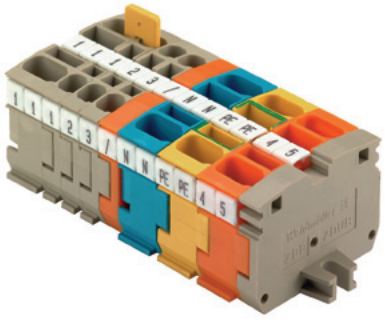
... with 4 different means of fastening

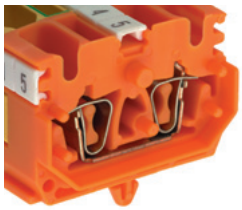


ZDUB 2.5-2 DM

Direct mounting with screw fastening on mounting plate

The fastening terminals on the right and left of the terminal block are mounted using M3 screws. Central fastening is not possible in this case.

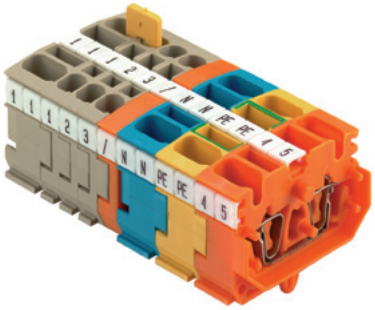




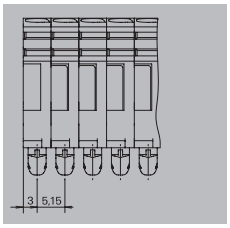
ZDUB 2.5-2 RC

Clip-on fastening on mounting plates

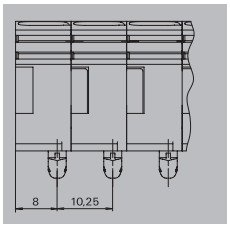
The terminals are simply clipped onto mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes. The open side of the terminal is closed by an end plate.

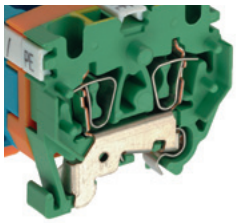


Drilling plan:
ZDUB/2.5-2/2AN



ZDUB 2.5-2/4AN

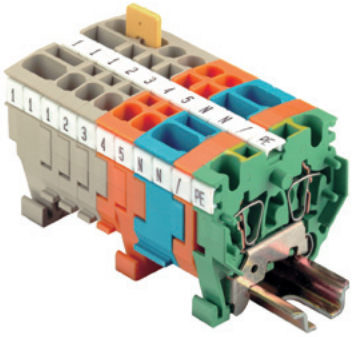


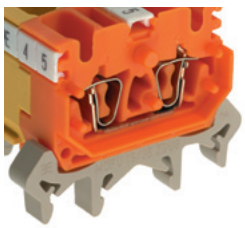


ZPEB 2.5-2 TS 15

Fitting on mounting rail TS 15

For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.

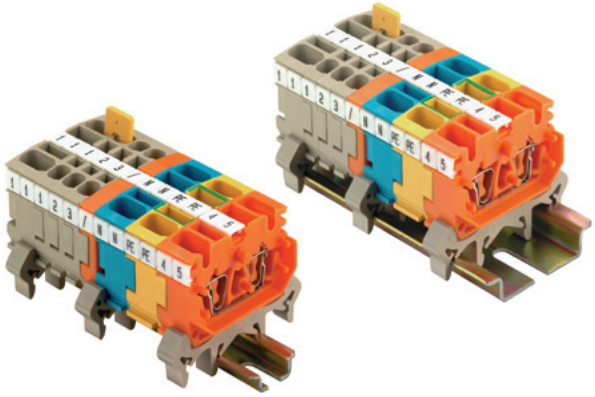




MOFU TS 15/35

Mounting foot for mounting rail TS 15/35

The mounting foot can be used for clipping terminal blocks consisting only of middle terminals either to TS 15 or TS 35 mounting rails.



Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDUB 2.5-2/2AN/RC — 2.5 mm²

Two connections

5.1 x 33.2 x 29
30 / 4
0.13...4

ZDUB 2.5-2/4AN/RC — 2.5 mm²

Four connections

10.2 x 33.5 x 29
30 / 4
0.13...4

Technical data

Rated data				
Rated voltage	V	IEC 60947-7-1		Ex e II II 2 G D
Rated current	A	IEC	UL	CSA	EN 60079-7
Rated cross-section	mm²	800	600 (C)	600 (C)	550
Rated impulse withstand voltage / Pollution severity		24	20 (C)	25 (C)	21
Gauge to IEC 60947-1 / Flammability class UL94		2.5	AWG 26...12	AWG 26...12	2.5
Approvals			8 kV / 3		
			A2 / V-0		
		KEMA 97ATEX2755 U			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / stranded	mm²	0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note		Snap-on clip			

Rated data				
Rated voltage	V	IEC 60947-7-1		Ex e II II 2 G D
Rated current	A	IEC	UL	CSA	EN 60079-7
Rated cross-section	mm²	800	600 (C)	600 (C)	550
Rated impulse withstand voltage / Pollution severity		24	20 (C)	25 (C)	21
Gauge to IEC 60947-1 / Flammability class UL94		2.5	AWG 26...12	AWG 26...12	2.5
Approvals			8 kV / 3		
			A2 / V-0		
		KEMA 97ATEX2755 U			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / stranded	mm²	0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note		Snap-on clip			

Ordering data

Central terminals	Type	Qty.	Order No.
Dark beige Wemid	ZDUB 2.5-2/2AN/RC	100	1712820000
Blue Wemid	ZDUB 2.5-2/2AN/RC BL	100	1712830000
Yellow Wemid	ZDUB 2.5-2/2AN/RC GE	100	1712850000
Orange Wemid	ZDUB 2.5-2/2AN/RC OR	100	1712840000
Note	Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-961.2 mm.		

Central terminals	Type	Qty.	Order No.
Dark beige Wemid	ZDUB 2.5-2/4AN/RC	100	1712970000
Blue Wemid	ZDUB 2.5-2/4AN/RC BL	100	1712980000
Yellow Wemid	ZDUB 2.5-2/4AN/RC GE	100	1713000000
Orange Wemid			
Note	Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-961.2 mm.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQB 2.5-2	24 A	50	1677120000
End plate / Partition plate		Width		
Dark beige Wemid	ZAP ZDUB	5 mm	50	1704750000
Blue Wemid	ZAP ZDUB BL	5 mm	50	1704760000
Orange PA	ZAP ZDUB OR	5 mm	50	1704770000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQB 2.5-2	24 A	50	1677120000
End plate / Partition plate		Width		
Dark beige Wemid	ZAP ZDUB	5 mm	50	1704750000
Blue Wemid	ZAP ZDUB BL	5 mm	50	1704760000
Orange PA	ZAP ZDUB OR	5 mm	50	1704770000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000

Identification systems	(see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5
Note	The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).	The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

ZDUB 2.5-2/2AN/DM — 2.5 mm²

Two connections

ZDUB 2.5-2/4AN/DM — 2.5 mm²

Four connections

Width/Length/Height of lowest version	mm	5.1 x 33.5 x 24	10.2 x 33.5 x 24
max. current / max. cond. cross-section	A/mm²	30 / 4	30 / 4
Max. clamping range	mm²	0.13...4	0.13...4

Technical data

Rated data		ZDUB 2.5-2/2AN/DM	ZDUB 2.5-2/4AN/DM
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex e II II 2 G D	Ex e II II 2 G D
Rated cross-section	mm²	IEC: 800 / UL: 600 (C) / CSA: 600 (C) / EN 60079-7: 550	IEC: 800 / UL: 600 (C) / CSA: 600 (C) / EN 60079-7: 550
		24 / 20 (C) / 25 (C) / 21	24 / 20 (C) / 25 (C) / 21
		2.5 / AWG 26...12 / AWG 26...12 / 2.5...	2.5 / AWG 26...12 / AWG 26...12 / 2.5...
Rated impulse withstand voltage / Pollution severity		8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A2 / V-0	A2 / V-0
Approvals		KEMA 97ATEX2755 U	KEMA 97ATEX2755 U
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		Direct mounting	Direct mounting

Ordering data

End terminals	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	ZDUB 2.5-2/2AN/DB	100	1704500000	ZDUB 2.5-2/4AN/DB	100	1704690000
Blue Wemid	ZDUB 2.5-2/2AN/DB BL	100	1704510000	ZDUB 2.5-2/4AN/DB BL	100	1704700000
Yellow Wemid	ZDUB 2.5-2/2AN/DB GE	100	1704530000	ZDUB 2.5-2/4AN/DB GE	100	1704720000
Central terminals						
Dark beige Wemid	ZDUB 2.5-2/2AN/DM	100	1704350000	ZDUB 2.5-2/4AN/DM	100	1704540000
Blue Wemid	ZDUB 2.5-2/2AN/DM BL	100	1704360000	ZDUB 2.5-2/4AN/DM BL	100	1704550000
Yellow Wemid	ZDUB 2.5-2/2AN/DM GE	100	1704380000	ZDUB 2.5-2/4AN/DM GE	100	1704570000
Orange Wemid	ZDUB 2.5-2/2AN/DM OR	100	1704370000	ZDUB 2.5-2/4AN/DM OR	100	1704560000
Note						

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQB 2.5-2	24 A	50	1677120000	ZQB 2.5-2	24 A	50	1677120000
End plate / Partition plate		Width				Width		
Dark beige Wemid	ZAP ZDUB	5 mm	50	1704750000	ZAP ZDUB	5 mm	50	1704750000
Blue Wemid	ZAP ZDUB BL	5 mm	50	1704760000	ZAP ZDUB BL	5 mm	50	1704760000
Orange PA	ZAP ZDUB OR	5 mm	50	1704770000	ZAP ZDUB OR	5 mm	50	1704770000
Mounting blocks								
Dark beige Wemid	ZBB ZDUB	5.1 mm	50	1704740000	ZBB ZDUB	5.1 mm	50	1704740000
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	1274660000	SDIS SL 0.6X3.5X100		1	1274660000
Mounting foot for TS15 & TS35								
Dark beige Wemid	MOFU 15/35 ZDUB	5 mm	50	1723660000	MOFU 15/35 ZDUB	5 mm	50	1723660000

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5
Note	The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).	The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDUB 2.5-2/2AN/TS15 — 2.5 mm²

Two connections

5.1 x 33.5 x 32
30 / 4
0.13...4

ZDUB 2.5-2/4AN/TS15 — 2.5 mm²

Four connections

10.2 x 33.5 x 32
30 / 4
0.13...4

Technical data

Rated data				
Rated voltage	V			
Rated current	A			
Rated cross-section	mm²			
Rated impulse withstand voltage / Pollution severity				
Gauge to IEC 60947-1 / Flammability class UL94				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / stranded	mm²			
Flexible / Flexible with ferrule	mm²			
Stripping length / Blade size	mm/-			
Note				

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	20 (C)	25 (C)	21
2.5	AWG 26...12	AWG 26...12	2.5
	8 kV / 3		
	A2 / V-0		
			KEMA 97ATEX2755 U

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm
TS 15 - block construction

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	20 (C)	25 (C)	21
2.5	AWG 26...12	AWG 26...12	2.5
	8 kV / 3		
	A2 / V-0		
			KEMA 97ATEX2755 U

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm
TS 15 - block construction

Ordering data

Central terminals	Type	Qty.	Order No.
Dark beige Wemid	ZDUB 2.5-2/2AN/15	100	1712750000
Blue Wemid	ZDUB 2.5-2/2AN/15 BL	100	1712760000
Green/Yellow Wemid			
Orange Wemid	ZDUB 2.5-2/2AN/15 OR	100	1712770000
Note			

Central terminals	Type	Qty.	Order No.
Dark beige Wemid	ZDUB 2.5-2/4AN/15	100	1712780000
Blue Wemid	ZDUB 2.5-2/4AN/15 BL	100	1712790000
Green/Yellow Wemid			
Orange Wemid	ZDUB 2.5-2/4AN/15 OR	100	1712800000
Note			

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQB 2.5-2	24 A	50	1677120000
3-pole				
4-pole				
10-pole				
50-pole				
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP ZDUB	5 mm	50	1704750000
Blue Wemid	ZAP ZDUB BL	5 mm	50	1704760000
Orange PA	ZAP ZDUB OR	5 mm	50	1704770000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
End bracket				
	ZEW 15	5 mm	20	7920340000

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQB 2.5-2	24 A	50	1677120000
3-pole				
4-pole				
10-pole				
50-pole				
End plate / Partition plate		**Width**		
Dark beige Wemid	ZAP ZDUB	5 mm	50	1704750000
Blue Wemid	ZAP ZDUB BL	5 mm	50	1704760000
Orange PA	ZAP ZDUB OR	5 mm	50	1704770000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
End bracket				
	ZEW 15	5 mm	20	7920340000

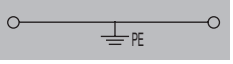
Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5
Note	The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

	DEK 5/5 / WS 10/5
	The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

ZPEB 2.5-2 — 2.5 mm²

Two connections

5.1 x 33.5 x 32
/ 4
0.13...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
24			
2.5	AWG 26...12	AWG 26...12	2.5
	8 kV / 3		
	A2 / V-0		
			KEMA 97ATEX2755 U

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

TS 15 - block construction

Type	Qty.	Order No.
ZPEB 2.5-2	100	**1712810000**

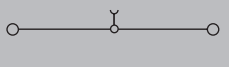
Type	current	Qty.	Order No.
	Width		
ZAP ZDUB	5 mm	50	**1704750000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZEW 15	5 mm	20	**7920340000**

DEK 5/5 / WS 10/5

ZDUA 2.5-2 — 2.5 mm²

Two connections

5.1 x 35 x 30.5
30 / 4
0.13...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	600 (C)	600 (B)	275
24	20 (C)	20 (B)	20
2.5	AWG 22...12	AWG 26...12	2.5
	6 kV / 3		
	A2 / V-0		
			KEMA 97ATEX4678 U

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

TS 15 - sliced construction

Type	Qty.	Order No.
ZDUA 2.5-2	100	**1720920000**
ZDUA 2.5-2 BL	100	**1720930000**
ZDUA 2.5-2 OR	100	**1720940000**

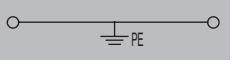
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	**1693800000**
ZQV 2.5N/3 GE	24 A	60	**1693810000**
ZQV 2.5N/4 GE	24 A	60	**1693820000**
ZQV 2.5N/10 GE	24 A	20	**1693880000**
ZQV 2.5N/50 GE	24 A	5	**1693890000**
	Width		
ZAP/TW ZDUA	1.5 mm	50	**1720960000**
ZAP/TW ZDUA BL	1.5 mm	50	**1720970000**
ZAP/TW ZDUA OR	1.5 mm	50	**1720980000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZEW 15	5 mm	20	**7920340000**

DEK 5/5 / WS 10/5

ZPEA 2.5-2 — 2.5 mm²

Two connections

5.1 x 35 x 30.5
/ 4
0.13...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
24			
2.5	AWG 26...12	AWG 26...12	2.5
	6 kV / 3		
	A2 / V-0		
			KEMA 97ATEX4678 U

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

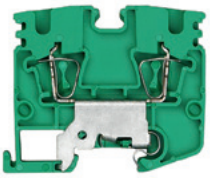
TS 15 - sliced construction

Type	Qty.	Order No.
ZPEA 2.5-2	100	**1720950000**

Type	current	Qty.	Order No.
	Width		
ZAP/TW ZDUA	1.5 mm	50	**1720960000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZEW 15	5 mm	20	**7920340000**

DEK 5/5 / WS 10/5

Terminal blocks for different fixing systems

	ZDUA 2.5-2N	ZPEA 2.5-2N
	2.5 mm²	2.5 mm²
	Two connections	Two connections
		
Width/Length/Height of lowest version mm	5.1 x 42.5 x 35.5	5.1 x 42.5 x 35.5
max. current / max. cond. cross-section A/mm²	**30 / 4**	**/ 4**
Max. clamping range mm²	**0.13...4**	**0.13...4**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Technical data

	ZDUA 2.5-2N	ZPEA 2.5-2N
Rated data	IEC 60947-7-1	IEC 60947-7-2
Rated voltage V	800	
Rated current A	24	24
Rated cross-section mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94	A2 / V-0	A2 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / stranded mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	TS 15 - sliced construction	TS 15 - sliced construction

IEC	UL	CSA	ZDUA 2.5-2N	ZPEA 2.5-2N
800	600 (C)	600 (C)		
24	20 (C)	20 (C)		
2.5	AWG 26...12	AWG 26...12		

Ordering data

Central terminals	ZDUA 2.5-2N Type	Qty.	Order No.	ZPEA 2.5-2N Type	Qty.	Order No.
Dark beige Wemid	ZDUA 2.5-2N	100	**1808200000**			
Blue Wemid	ZDUA 2.5-2N BL	100	**1808180000**			
Green/Yellow Wemid				ZPEA 2.5-2N	100	**1808210000**
Orange Wemid						
Note						

Accessories

Pluggable cross-connection	ZDUA 2.5-2N Type	current	Qty.	Order No.	ZPEA 2.5-2N Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**				
3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**				
4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**				
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**				
50-pole	ZQV 2.5N/50 GE	24 A	5	**1693890000**				
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	ZAP/TW ZDUA2.5-2N	2.5 mm	50	**1808170000**	ZAP/TW ZDUA2.5-2N	2.5 mm	50	**1808170000**
Blue Wemid								
Orange PA								
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
End bracket								
	ZEW 15	5 mm	20	**7920340000**	ZEW 15	5 mm	20	**7920340000**

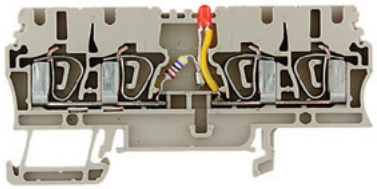
Identification systems (see assortment in catalogue 7)	ZDUA 2.5-2N	ZPEA 2.5-2N
Marking tags	DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5
Note		

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

ZDU 2.5/2x2AN/LD+ — 2.5 mm²

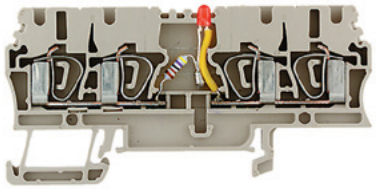
LED indicator



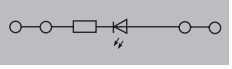
Width/Length/Height of lowest version	5.1 x 79.5 x 39.5
max. current / max. cond. cross-section	/ 4
Max. clamping range	0.05...4

ZDU 2.5/2x2AN/LD- — 2.5 mm²

LED indicator



Width/Length/Height of lowest version	5.1 x 79.5 x 39.5
max. current / max. cond. cross-section	/ 4
Max. clamping range	0.05...4



Technical data

		ZDU 2.5/2x2AN/LD+	ZDU 2.5/2x2AN/LD-
Rated data		IEC 60947-7-1	IEC 60947-7-1
Rated voltage	V	24	24
Rated current	A	0.05	0.05
Rated cross-section	mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	A3 / V-0
Approvals			
Electronic fixtures			
Component voltage / Component current	V/A	24 / 0.05	24 / 0.05
Operating voltage for display, max. / Current	V/A		
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

Ordering data

Version	ZDU 2.5/2x2AN/LD+ Type	Qty.	Order No.	ZDU 2.5/2x2AN/LD- Type	Qty.	Order No.
Dark beige Wemid						
Dark beige Wemid (red LED)	ZDU 2.5/2X2AN/LD+	20	**1692590000**	ZDU 2.5/2X2AN/LD-	20	**1692600000**
Orange						
Note						

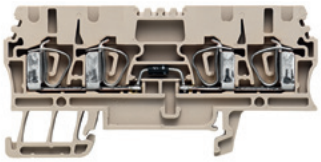
Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole								
3-pole								
4-pole								
10-pole								
20-/24-pole								
End plate / Partition plate		**Width**				**Width**		
Blue Wemid								
Dark beige Wemid	ZAP/TW 3	2 mm	50	**1608800000**	ZAP/TW 3	2 mm	50	**1608800000**
End bracket								
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**	ZEW 35	6 mm	20	**9540000000**
Test adapter								
With assembly peg								
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
Reducing sleeves								
For conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS	5.55 mm	1000	**1614300000**	ZRH 2.5/1 WS	5.55 mm	1000	**1614300000**
For conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0	5.55 mm	1000	**1614290000**	ZRH 2.5/2 GR/V0	5.55 mm	1000	**1614290000**

Identification systems	(see assortment in catalogue 7)		
Marking tags		DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5
Note			

ZDU 2.5/2x2AN/D+ — 2.5 mm²

Diode circuit



5.1 x 79.5 x 39.5
/ 4
0.5...4

IEC 60947-7-1

IEC	UL	CSA
400		
1		
2.5		
	6 kV / 3	
	A3 / V-0	
1000 / 1		

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D+	20	**1650340000**

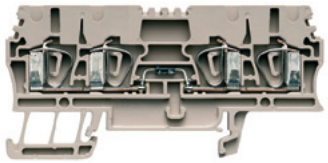
Soldered in diode: type 1N 4007, cut-off voltage 1000 V, current 1 A.

Type	current	Qty.	Order No.
Width			
ZAP/TW 3	2 mm	50	**1608800000**
ZEW 35	6 mm	20	**9540000000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 2.5/1 WS	5.55 mm	1000	**1614300000**
ZRH 2.5/2 GR/V0	5.55 mm	1000	**1614290000**

DEK 5/5 / WS 10/5

ZDU 2.5/2x2AN/D- — 2.5 mm²

Diode circuit



5.1 x 79.5 x 39.5
/ 4
0.5...4

IEC 60947-7-1

IEC	UL	CSA
400		
1		
2.5		
	6 kV / 3	
	A3 / V-0	
1000 / 1		

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D-	20	**1650350000**

Soldered in diode: type 1N 4007, cut-off voltage 1000 V, current 1 A.

Type	current	Qty.	Order No.
Width			
ZAP/TW 3	2 mm	50	**1608800000**
ZEW 35	6 mm	20	**9540000000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 2.5/1 WS	5.55 mm	1000	**1614300000**
ZRH 2.5/2 GR/V0	5.55 mm	1000	**1614290000**

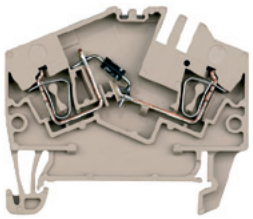
DEK 5/5 / WS 10/5

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

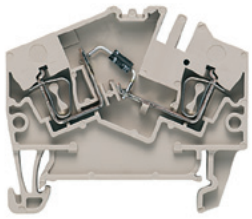
ZDU 2.5-2/D+ — 2.5 mm²

Diode circuit



ZDU 2.5-2/D- — 2.5 mm²

Diode circuit



Width/Length/Height of lowest version	mm	5.1 x 50.5 x 44	5.1 x 50.5 x 44
max. current / max. cond. cross-section	A/mm²	/ 2.5	/ 2.5
Max. clamping range	mm²	0.05...2.5	0.05...2.5

Technical data

Rated data		ZDU 2.5-2/D+	ZDU 2.5-2/D-
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Electronic fixtures			
Component voltage / Component current	V/A	1000 / 1	1000 / 1
Operating voltage for display, max. / Current	V/A		
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	0.5...2.5	0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC	UL	CSA	IEC	UL	CSA
400	600 (C)	600 (C)	400	600 (C)	600 (C)
1	1 (C)	1 (C)	1	1 (C)	1 (C)
2.5	AWG 26...12	AWG 26...12	2.5	AWG 26...12	AWG 26...12
	6 kV / 3			6 kV / 3	
	A2 / V-0			A2 / V-0	

Ordering data

Version	ZDU 2.5-2/D+	ZDU 2.5-2/D-
Dark beige Wemid		
Dark beige Wemid (red LED)		
Orange		
Note	Soldered in diode: type 1N 4007, cut-off voltage 1000 V, current 1 A.	Soldered in diode: type 1N 4007, cut-off voltage 1000 V, current 1 A.

Type	Qty.	Order No.
ZDU 2.5-2/D+	20	1779110000

Type	Qty.	Order No.
ZDU 2.5-2/D-	20	1779000000

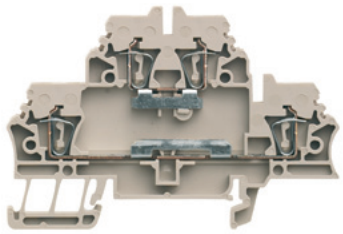
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**				**Width**		
Blue Wemid								
Dark beige Wemid	ZAP/TW7	2.5 mm	50	1706110000	ZAP/TW7	2.5 mm	50	1706110000
End bracket								
Dark beige Wemid	ZEW 35	6 mm	20	9540000000	ZEW 35	6 mm	20	9540000000
Test adapter								
With assembly peg								
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	1274660000	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves								
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	1678810000	ZRH 1.5H/1	4.85 mm	1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	1678800000	ZRH 1.5H/2	4.85 mm	1000	1678800000

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 14/5	DEK 5/5 / WS 14/5
Note		

ZDK 2.5 EM — 2.5 mm²

Double-level terminal



5.1 x 79.5 x 54
20 / 2.5
0.05...2.5

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	275
20	15 (C)	25 (C)	18
2.5	AWG 26...14	AWG 26...12	2.5
	6 kV / 3		
	A2 / V-0		
			KEMA 97ATEX4677 U

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5 EM	50	1768800000
ZDK 2.5 OR	50	1694140000

Empty electronics enclosure for do-it-yourself soldering of components.

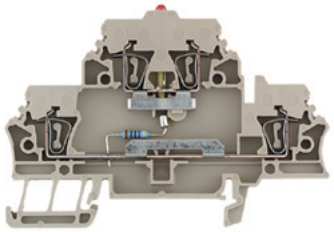
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

DEK 5/5 / WS 12/5

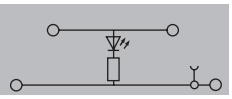
ZVQ 2.5/15 (1720700000) connects two busbars, one above the other.

ZDK 2.5/LD RT/1 — 2.5 mm²

LED circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
24		
10		
2.5	AWG 26...14	AWG 26...12
	/ 3	
	A2 / V-0	

24 / 0.05

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/LD RT/1	50	1690010000

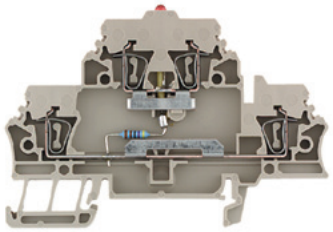
Voltage on the continuous busbar = 10 A.

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

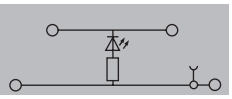
DEK 5/5 / WS 10/5

ZDK 2.5/LD RT/2 — 2.5 mm²

LED circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
24		
10		
2.5	AWG 26...14	AWG 26...12
	/ 3	
	A2 / V-0	

24 / 0.05

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/LD RT/2	50	1693940000

Voltage on the continuous busbar = 10 A.

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

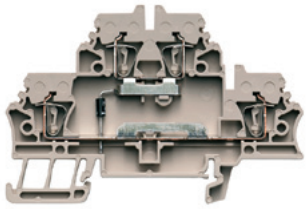
DEK 5/5 / WS 10/5

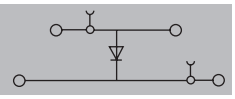
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

ZDK 2.5/D/1 — 2.5 mm²

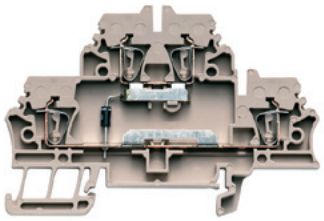
Diode circuit

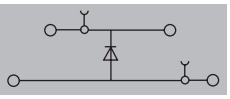




ZDK 2.5/D/2 — 2.5 mm²

Diode circuit





Width/Length/Height of lowest version	mm	5.1 x 79.1 x 54	5.1 x 79.1 x 54
max. current / max. cond. cross-section	A/mm²	/ 2.5	/ 2.5
Max. clamping range	mm²	0.05...2.5	0.05...2.5

Technical data

Rated data			
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Electronic fixtures			
Component voltage / Component current	V/A		
Operating voltage for display, max. / Current	V/A		
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		

IEC	UL	CSA
500	300 (C)	300 (D)
10	15 (C)	10 (D)
2.5	AWG 26...14	AWG 26...12
	6 kV / 3	
	A2 / V-0	
1000 / 1		

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
4 / 0.6 x 3.5 mm

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	ZDK 2.5/D/1	50	1690020000
Dark beige Wemid (red LED)			
Orange			

Note

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A.

Type	Qty.	Order No.
ZDK 2.5/D/2	50	1690030000

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
20-/24-pole	ZQV 2.5/20	24 A	20	1908960000
End plate / Partition plate		**Width**		
Blue Wemid				
Dark beige Wemid	ZAP/TW ZDK2.5	1.5 mm	20	1674730000
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	9540000000
Test adapter				
With assembly peg				
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	4.85 mm	1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	4.85 mm	1000	1678800000

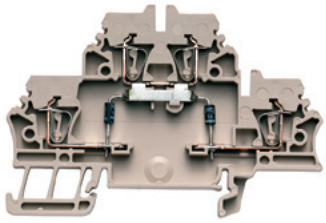
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5

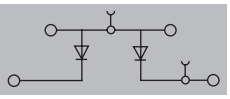
Note

ZDK 2.5/D/4 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
10	15 (C)	10 (D)
2.5	AWG 26...14	AWG 26...12
	6 kV / 3	
	A2 / V-0	

1000 / 1

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/D/4	50	1690040000

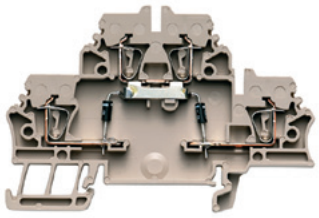
Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A.

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

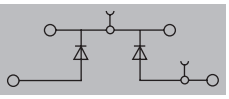
DEK 5/5 / WS 10/5

ZDK 2.5/D/5 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
10	15 (C)	10 (D)
2.5	AWG 26...14	AWG 26...12
	6 kV / 3	
	A2 / V-0	

1000 / 1

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/D/5	50	1690050000

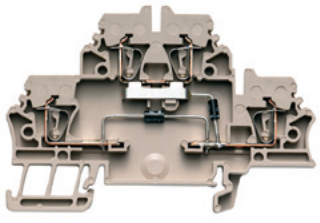
Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A.

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

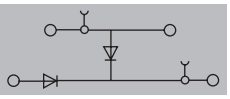
DEK 5/5 / WS 10/5

ZDK 2.5/D/6 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
10	15 (C)	10 (D)
2.5	AWG 26...14	AWG 26...12
	6 kV / 3	
	A2 / V-0	

1000 / 1

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/D/6	50	1690060000

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A.

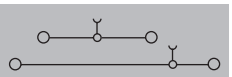
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	Width		
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1	4.85 mm	1000	1678810000
ZRH 1.5H/2	4.85 mm	1000	1678800000

DEK 5/5 / WS 10/5

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

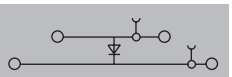
ZDK 4-2 EL — 4 mm²

Double-level terminal



ZDK 4-2/D forward — 4 mm²

Diode circuit



Width/Length/Height of lowest version	mm	6.1 x 77.6 x 61	6.1 x 77.6 x 60.5
max. current / max. cond. cross-section	A/mm²	**32 / 6**	**/ 6**
Max. clamping range	mm²	**0.13...6**	**0.13...6**

Technical data

Rated data		IEC 60947-7-1	IEC 60947-7-1
Rated voltage	V	800	800
Rated current	A	32	1
Rated cross-section	mm²	4	4
Rated impulse withstand voltage / Pollution severity		8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	A3 / V-0
Approvals		UL	CSA UL
Electronic fixtures			
Component voltage / Component current	V/A		1000 / 1
Operating voltage for display, max. / Current	V/A		
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	0.5...6	0.5...6 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

IEC	UL	CSA
800	600 (C)	
32	25 (C)	
4	AWG 26...10	

IEC	UL	CSA
800	600 (C)	600 (C)
1	1 (C)	1 (C)
4	AWG 26...10	AWG 26...10

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Rated connection
0.5...6 / 1.5...4
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	ZDK 4-2 EL	50	**8709760000**
Dark beige Wemid (red LED)			
Orange			
Note			

Type	Qty.	Order No.
ZDK 4-2/D forward	50	**8670520000**

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
3-pole	ZQV 4/3 GE	32 A	60	**1608960000**
4-pole	ZQV 4/4 GE	32 A	60	**1608970000**
10-pole	ZQV 4/10 GE	32 A	20	**1609030000**
20-/24-pole				
End plate / Partition plate		**Width**		
Blue Wemid	ZAP/TW ZDK4-2 BL	2 mm	50	**8670620000**
Dark beige Wemid	ZAP/TW ZDK4-2	2 mm	50	**8670760000**
End bracket				
Dark beige Wemid	ZEW 35	6 mm	20	**9540000000**
Test adapter				
With assembly peg	ZTA 6/ZA	6.1 mm	25	**1780660000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20				
For conductors < 1.0 mm² / AWG 18				

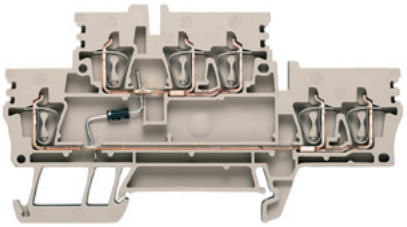
Pluggable cross-connection	Type	current	Qty.	Order No.
	ZQV 4/2 GE	32 A	60	**1608950000**
	ZQV 4/3 GE	32 A	60	**1608960000**
	ZQV 4/4 GE	32 A	60	**1608970000**
	ZQV 4/10 GE	32 A	20	**1609030000**
	ZQV 4/20 GE	32 A	20	**1909010000**
	Width			
	ZAP/TW ZDK4-2	2 mm	50	**8670760000**
	ZEW 35	6 mm	20	**9540000000**
	SDIS SL 0.6X3.5X100		1	**1274660000**

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

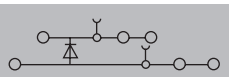
DEK 5/6

ZDK 2.5/3AN D2 — 4 mm²

Diode circuit



5.1 x 93 x 51.5
/ 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (C)
1	20 (C)	24 (C)
4	AWG 30...12	AWG 30...12
	6 kV / 3	
	A2 / V-0	

1000 / 1

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.21...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/3AN D2	50	**1924450000**

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A.

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
ZQV 2.5/20	24 A	20	**1908960000**
	Width		
ZAP/TW ZDK 2.5/3AN	1.5 mm	20	**1924910000**
ZEW 35/2	8 mm	20	**8630740000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 1.5H/1	4.85 mm	1000	**1678810000**
ZRH 1.5H/2	4.85 mm	1000	**1678800000**

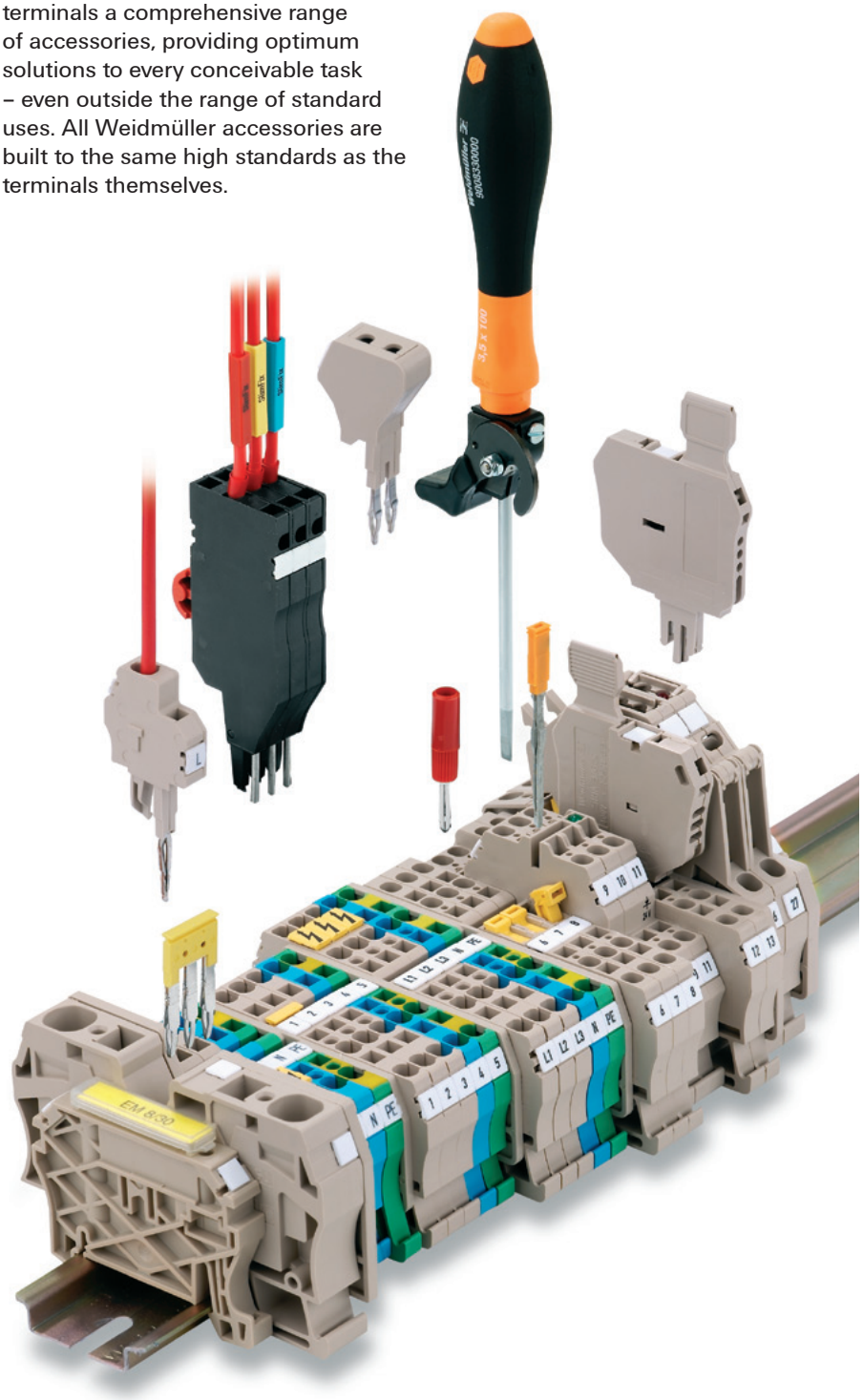
DEK 5/5 / WS 10/5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Extra functions

Extra functions

Weidmüller offers the user of Z-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard uses. All Weidmüller accessories are built to the same high standards as the terminals themselves.



Visual separation

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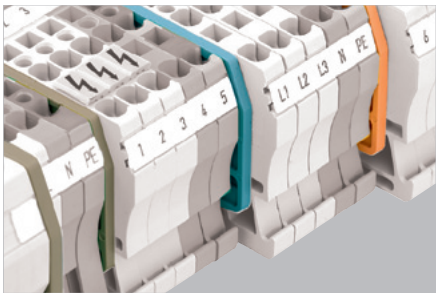
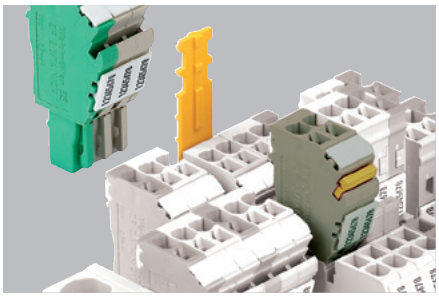


To guarantee “finger-safe” use of terminals, the open sides are covered with end cover plates and partition plates to prevent any contact with conducting parts.
End cover plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

Pluggable terminals

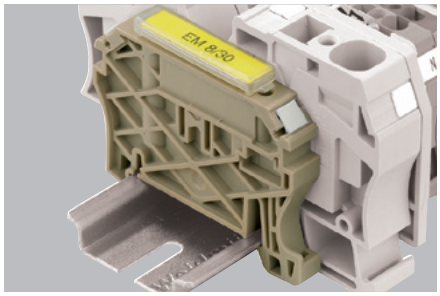
Page C.100



WeiCoS
Weidmüller **Co**nnection **S**ystem
This new generation of pluggable terminals is structured on the modular principle. The basic elements of the WeiCoS system are one terminal for the functional unit on the mounting rail and a plug-in connector for elements to be connected (cable harness production).

Fastening

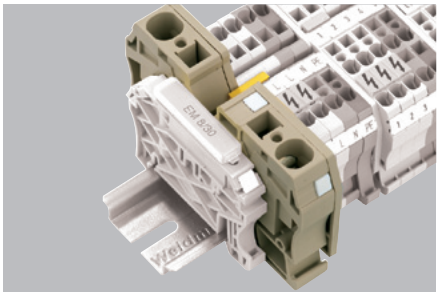
Chapter F



An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position.
The marking surface of the end bracket can also be used for group marking.
Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter F**.

Electrical supply

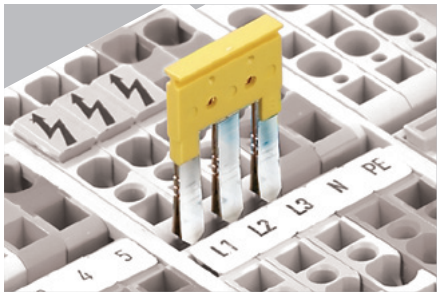
Page C.134



Weidmüller's tension clamp terminals have three supply terminals:
ZEI 16 for standard terminals
ZEI 16-2/1 AN for Roof-Style terminals
ZEI 6 for ZDU 1.5
Cross-connections divide the supply current into several feeder currents. Current is supplied across a conductor cross-section of 16 mm^2 and then distributed across neighbouring terminals for 1.5 mm^2, 2.5 mm^2, 4 mm^2 and 6 mm^2 cross-sectional areas.

Electrical distribution

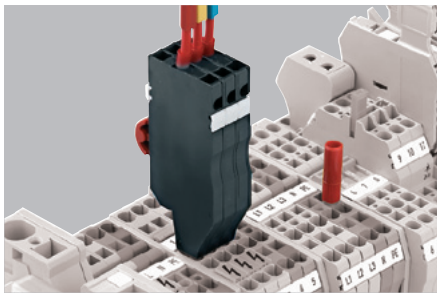
Page C.136



A plug-in **cross-connection system (ZQV)** is available for all Z-Series terminals.
The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be transmitted across the cross-section, depending on the rated voltage of the terminal.

Testing / checking

Page C.142



The slot-in test adapter (ZTA) is used as a single unit and as a test adapter strip for voltage measurement in control cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. It is simply slotted onto the terminal. This creates contact with the current carrying busbar. The unit is released from the terminal simply by pressing the release button.

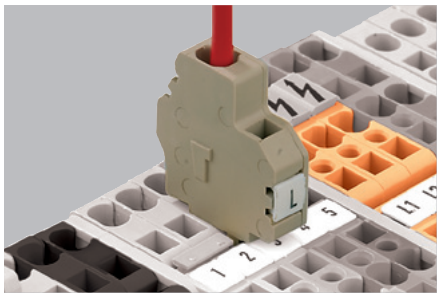
Indentification and connecting

Page C.146

Weidmüller's identification systems in **chapter F** are used to mark tension clamp terminals. Individual terminals, terminal groups and conductors can be marked. The conductors are connected in the tension clamp terminals with standard screwdrivers, as shown in **chapter F**. As an alternative to screwdrivers, fully insulated operating tools are also available; see page D.146.

Specific functions/ colour variations

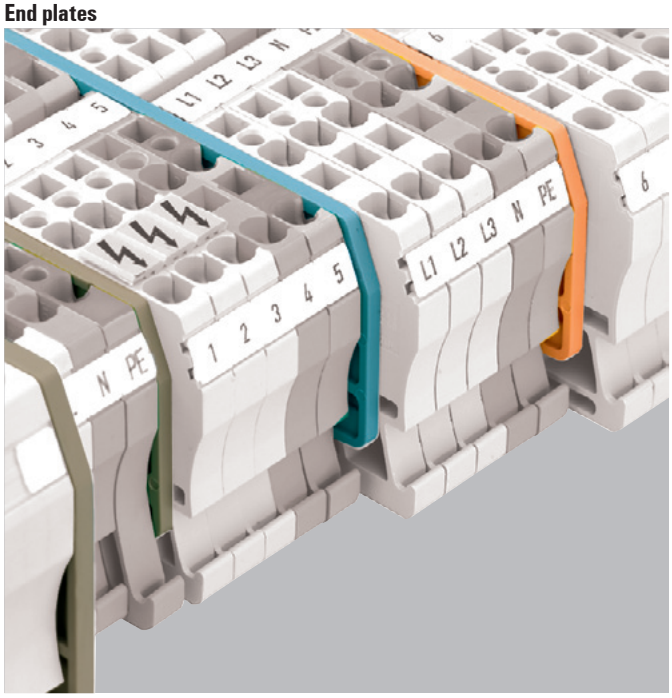
Page C.152



Further helpful accessories are available for terminals using tension clamp technology, such as:

- Pluggable extra connections (ZZA)
- Housings for installation of electronic components (ZBS 1)
- Pluggable fuse holder (SIHA 1 to SIHA 3)
- Terminals in various colours.
- Accessories for fuses
- Reducing sleeves

End plates



Touch-safe protection

The last terminal in a terminal strip must be closed off with a ZAP/TW-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures that the touch-safe requirement is met for live-voltage components and that the terminals are touch-safe.

Optical separation

Coloured end plates are frequently used for distinguishing the circuits.

Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

Contour matching

The overall dimensions of the end plates match the external dimensions of the associated terminal.

Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours.

... for standard terminals

Type	Colour	Qty.	Order No.	For terminal:
Width 2 mm				
ZAP/TW ZDU1.5/2AN	beige	20	**1776030000**	ZDU 1.5
ZAP/TW ZDU1.5/2AN BL	blue	20	**1776040000**	ZDU 1.5 BL
ZAP/TW ZDU1.5/2AN OR	orange	20	**1776050000**	ZPE 1.5
Width 2 mm				
ZAP/TW ZDU1.5/3AN	beige	20	**1776060000**	ZDU 1.5/3 AN
ZAP/TW ZDU1.5/3AN BL	blue	20	**1776070000**	ZDU 1.5/3 AN/BL
ZAP/TW ZDU1.5/3AN OR	orange	20	**1776080000**	ZPE 1.5/3AN
Width 2 mm				
ZAP/TW ZDU1.5/4AN	beige	20	**1776090000**	ZDU 1.5 2X2AN
ZAP/TW ZDU1.5/4AN BL	blue	20	**1776100000**	ZDU 1.5 2X2AN BL
ZAP/TW ZDU1.5/4AN OR	orange	20	**1776110000**	ZDU 1.5/4 AN
				ZDU 1.5/4 AN/BL
				ZPE 1.5/4AN
Width 2 mm				
ZAP/TW ZDK1.5	dark beige	20	**1791160000**	ZDK 1.5
ZAP/TW ZDK1.5 BL	blue	20	**1791170000**	ZDK 1.5 BL
				ZDK 1.5 PE
				ZDK 1.5DU-PE
				ZDK 1.5V
				ZDK 1.5V BL
Width 2 mm				
ZAP/TW 1	dark beige	50	**1608740000**	ZDU 2.5
ZAP/TW 1 BL	blue/light blue	50	**1608750000**	ZDU 2.5 BL
ZAP/TW 1 GN	green	50	**1683680000**	ZPE 2.5
ZAP/TW 1 GR	grey	50	**1683710000**	ZTR 2.5
ZAP/TW 1 OR	orange	50	**1608760000**	ZTR 2.5 BL
ZAP/TW 1 RT	red	50	**1683660000**	ZTR 2.5/0. TNHE
ZAP/TW 1 SW	black	50	**1683730000**	
Width 2 mm				
ZAP/TW 2 DB	dark beige	50	**1608770000**	ZDU 2.5/3AN
ZAP/TW 2 BL	blue/light blue	50	**1608780000**	ZDU 2.5/3AN BL
ZAP/TW 2 GN	green	50	**1683760000**	ZPE 2.5/3AN
ZAP/TW 2 OR	orange	50	**1608790000**	
ZAP/TW 2 RT	red	50	**1683740000**	
Width 2 mm				
ZAP/TW 3	dark beige	50	**1608800000**	ZDU 2.5/2X2AN
ZAP/TW 3 BL	blue/light blue	50	**1608810000**	ZSI 2.5
ZAP/TW 3 GN	green	50	**1683840000**	ZSI 2.5/5X25
ZAP/TW 3 GR	grey	50	**1683870000**	ZSI 2.5/LD 120AC
ZAP/TW 3 OR	orange	50	**1608820000**	ZSI 2.5/LD 250AC
ZAP/TW 3 RT	red	50	**1683820000**	ZSI 2.5/LD 28AC
ZAP/TW 3 SW	black	50	**1683890000**	ZSI 2.5/LD 60AC
ZAP/TW 3 WS	white	50	**1683880000**	ZTR 2.5/3AN
				ZTR 2.5/3AN BL
				ZTR 2.5/3AN/0.TNHE
				ZTR 2.5/4AN
				ZDU 2.5/2X2AN BL
				ZTR 2.5/4AN BL
				ZTR 2.5/4AN/0 TNHE
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZDU 2.5/2X2AN/LD+
				ZDU 2.5/2X2AN/LD-
				ZDU 2.5/4AN
				ZDU 2.5/4AN BL
				ZPE 2.5/4AN
Width 1.5 mm				
ZAP/TW ZDK2.5	dark beige	20	**1674730000**	ZDK 2.5
ZAP/TW ZDK2.5 BL	blue/light blue	20	**1748800000**	ZDK 2.5/D/1
ZAP/TW ZDK2.5 OR	orange	20	**1690080000**	ZDK 2.5/D/2
				ZDK 2.5/D/4
				ZDK 2.5/D/5
				ZDK 2.5/D/6
				ZDK 2.5/LD RT/1
				ZDK 2.5/LD RT/2
				ZDK 2.5V
				ZDK 2.5 BL
				ZDK 2.5 DU-PE
				ZDK 2.5 EM
				ZDK 2.5 N-DU
				ZDK 2.5 N-PE
				ZDK 2.5 OR
				ZDK 2.5 PE
				ZDK 2.5 V BL

... for standard terminals

Type	Colour	Qty.	Order No.	For terminal:
Width 1.5 mm				
ZAP/TW ZDLD2.5-2N	dark beige	20	1782340000	ZDLD 2.5-2 N/BL
ZAP/TW ZDLD2.5-2N BL	blue	20	1782350000	ZDLD 2.5-2 VN
ZAP/TW ZDLD2.5-2N OR	orange	20	1782360000	ZDLD 2.5-2 VN/BL
				ZDLD 2.5-2 N
Width 1.5 mm				
ZAP ZMAK2.5	dark beige	10	1768010000	ZMAK 2.5
Width 1.5 mm				
AP ZDTR2.5	dark beige	20	1745420000	ZDTR 2.5
AP ZDTR2.5 BL	blue	20	1798340000	ZDTR 2.5 BL
Width 2 mm				
ZAP/TW 4 BL	blue/light blue	50	1632100000	ZDU 4
ZAP/TW 4	dark beige	50	1632090000	ZDU 4 BL
ZAP/TW 4 GN	green	50	1683920000	ZPE 4
ZAP/TW 4 OR	orange	50	1632110000	
Width 2 mm				
ZAP/TW 4/3AN BL	blue	20	7904110000	ZDU 4/3AN
ZAP/TW 4/3AN OR	orange	20	7904120000	ZDU 4/3AN BL
ZAP/TW 4/3AN	dark beige	20	7904100000	ZPE 4/3AN
Width 2 mm				
ZAP/TW4/4AN	dark beige	20	7904210000	ZDU 4/4AN
ZAP/TW4/4AN BL	blue	20	7904220000	ZDU 4/4AN BL
ZAP/TW4/4AN OR	orange	20	7904230000	ZPE 4/4AN
Width 2 mm				
ZAP/TW 5	dark beige	50	1608830000	ZDU 6
ZAP/TW 5 BL	blue/light blue	50	1608840000	ZDU 6 BL
ZAP/TW 5 OR	orange	50	1608850000	ZPE 6
Width 2 mm				
ZAP/TW6/3AN BL	blue	20	7907380000	ZDU 6/3AN
ZAP/TW6/3AN OR	orange	20	7907390000	ZDU 6/3AN BL
ZAP/TW6/3AN	dark beige	20	7907370000	ZPE 6/3AN
Width 2.7 mm				
ZAP/TW ZDU10	beige	20	1748660000	ZDU 10
ZAP/TW ZDU10 BL	blue/light blue	20	1764110000	ZDU 10 BL
				ZPE 10
Width 3 mm				
ZAP/TW 10/16	beige	20	1749580000	ZDU 10/3AN
ZAP/TW 10/16 BL	blue	20	1768520000	ZDU 10/3AN BL
				ZDU 16/3AN
				ZDU 16/3AN BL
				ZPE 10/3AN
				ZPE 16/3AN
Width 3 mm				
ZAP/TW ZDU16	dark beige	20	1745150000	ZDU 16
ZAP/TW ZDU16 BL	blue/light blue	20	1764100000	ZDU 16 BL
				ZPE 16

... for roof-style terminals

Type	Colour	Qty.	Order No.	For terminal:
Width 2.5 mm				
ZAP/TW7	dark beige	50	1706110000	ZDU 2.5-2
ZAP/TW7 BL	blue/light blue	50	1706120000	ZDU 2.5-2 BL
ZAP/TW7 OR	orange	50	1706130000	ZDU 2.5-2/3AN
				ZDU 2.5-2/3AN BL
				ZDU 2.5-2/4AN
				ZDU 2.5-2/4AN BL
				ZDU 2.5-2/D+
				ZDU 2.5-2/D-
				ZPE 2.5-2
				ZPE 2.5-2/3AN
				ZPE 2.5-2/4AN
				ZTR 2.5-2
				ZTR 2.5-2 BL
				ZTR 2.5-2/0.TNHE
Width 2 mm				
ZAP/TW ZDK2.5-2	dark beige	20	1791050000	ZDK 2.5-2
ZAP/TW ZDK2.5-2 BL	blue	20	1791060000	ZDK 2.5-2 BL
ZAP/TW ZDK2.5-2 OR	orange	20	1791070000	ZDK 2.5-2 PE
				ZDK 2.5V
				ZDK 2.5V BL

... for roof-style terminals

Type	Colour	Qty.	Order No.	For terminal:
Width 2 mm				
ZAP/TW ZDKPE2.5-2	dark beige	25	1805960000	ZDKPE 2.5-2
				ZDKPE 2.5-2/N/L/PE
Width 2 mm				
ZAP ZDU4-2	dark beige	50	1770400000	ZDU 4-2/2AN
ZAP ZDU4-2 BL	blue	50	1770880000	ZDU 4-2/2AN BL
ZAP ZDU4-2 OR	orange	50	1770890000	ZDU 4-2/3AN
				ZDU 4-2/3AN BL
				ZDU 4-2/3AN LSC
				ZPE 4-2/2AN
				ZPE 4-2/3AN
Width 2 mm				
ZAP ZDU4-2/4AN	dark beige	50	1807010000	ZDU 4-2/4AN
ZAP ZDU4-2/4AN BL	blue	50	1807020000	ZDU 4-2/4AN BL
ZAP ZDU4-2/4AN OR	orange	50	1807030000	ZPE 4-2/4AN
Width 2.5 mm				
ZAP ZDU6-2	dark beige	50	1771440000	ZDU 6-2/2AN
ZAP ZDU6-2 BL	blue	50	1771450000	ZSI 6-2 2X2.5/G20
ZAP ZDU6-2 OR	orange	50	1771460000	ZSI 6-2 2X2.5/G20/LD1
ZAP ZDU6-2 SW	black	50	1814710000	ZSI 6-2 2X2.5/G20/LD2
				ZSI 6-2 2X2.5/G20/LD3
				ZSI 6-2 2X2.5/G20/LD4
				ZSI 6-2/FC
				ZSI 6-2/FC LD
				ZTR 6-2
				ZTR 6-2 E / 230V UC
				ZTR 6-2 E / 24V DC
				ZDU 6-2/2AN BL
				ZDU 6-2/3AN
				ZDU 6-2/3AN BL
				ZPE 6-2/2AN
				ZPE 6-2/3AN
				ZSI 2.5-2/2X2AN/G20
				ZSI 2.5-2/2X2AN/G20/LD1
				ZSI 2.5-2/2X2AN/G20/LD2
Width 2.5 mm				
ZAP/Z...16-2/1AN	dark beige	10	1772970000	ZPE 16-2/1AN

... for initiator-actuator terminals

Type	Colour	Qty.	Order No.	For terminal:
Width 5.1 mm				
ZAP/TW ZPV1.5	dark beige	50	1674650000	ZAP/TW ZPV1.5
				ZPV 1.5
Width 5.1 mm				
ZAP/TW ZIA1.5/3L	beige		1649540000	ZIA 1.5/3L-1S
				ZIA 1.5/3L-1S/LD
				ZIA 1.5/3L-PE
Width 5.1 mm				
ZAP/TW ZIA1.5/4L	beige		1649550000	ZIA 1.5/4L-1S
				ZIA 1.5/4L-1S/LD
				ZIA 1.5/4L-PE
Width 5 mm				
AP ZRV1.5 DB	dark beige	10	1698180000	

... for installations terminals

Type	Colour	Qty.	Order No.	For terminal:
Width 2 mm				
ZAP ZDU10/16S	dark beige	20	**1739660000**	ZDU 10/NT
				ZDU 10S
				ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZPE 10S
				ZPE 16S
Width 2 mm				
ZAP ZDU 2.5 S	dark beige	20	**1808030000**	ZDU 2.5 S
ZAP ZDU 2.5 S BL	blue	20	**1808040000**	ZDU 2.5 S BL
ZAP ZDU 2.5 S OR	orange	20	**1808050000**	ZNT 2.5 S
				ZPE 2.5 S
Width 2 mm				
ZAP ZDU 4 S	dark beige	20	**1808380000**	ZDU 4 S
ZAP ZDU 4 S BL	blue	20	**1808390000**	ZDU 4 S BL
				ZNT 4 S
				ZPE 4 S
Width 2 mm				
ZAP ZDU 6 S	dark beige	20	**1808250000**	ZDU 6 S
ZAP ZDU 6 S BL	blue	20	**1808260000**	ZDU 6 S BL
				ZNT 6 S
				ZPE 6 S
Width 3 mm				
ZHP S	blue	20	**1808290000**	ZDU 2.5 S
ZHP S SO	blue	20	**1808280000**	ZPE 2.5 S
				ZPE 4 S
				ZPE 6 S
				ZDU 2.5 S BL
				ZDU 4 S
				ZDU 4 S BL
				ZDU 6 S
				ZDU 6 S BL
				ZNT 2.5 S
				ZNT 4 S
				ZNT 6 S

... for mini-terminals

Type	Colour	Qty.	Order No.	For terminal:
Width 1.5 mm				
ZAP/TW ZDUA	dark beige	50	**1720960000**	ZDUA 2.5-2
ZAP/TW ZDUA BL	blue/light blue	50	**1720970000**	ZDUA 2.5-2 BL
ZAP/TW ZDUA OR	orange	50	**1720980000**	ZPEA 2.5-2
Width 2.5 mm				
ZAP/TW ZDUA2.5-2N	dark beige	50	**1808170000**	ZDUA 2.5-2N
				ZDUA 2.5-2N BL
				ZPEA 2.5-2N
Width 5 mm				
ZAP ZDUB	dark beige	50	**1704750000**	ZDUB 2.5-2/2AN/15
ZAP ZDUB BL	blue/light blue	50	**1704760000**	ZDUB 2.5-2/2AN/RC BL
ZAP ZDUB OR	orange	50	**1704770000**	ZDUB 2.5-2/2AN/RC GE
				ZDUB 2.5-2/2AN/RC OR
				ZDUB 2.5-2/4AN/15
				ZDUB 2.5-2/4AN/15 BL
				ZDUB 2.5-2/4AN/DB
				ZDUB 2.5-2/4AN/DB BL
				ZDUB 2.5-2/4AN/DB GE
				ZDUB 2.5-2/4AN/DM
				ZDUB 2.5-2/4AN/DM BL
				ZDUB 2.5-2/2AN/15 BL
				ZDUB 2.5-2/4AN/DM GE
				ZDUB 2.5-2/4AN/RC
				ZDUB 2.5-2/4AN/RC/BL
				ZDUB 2.5-2/4AN/RC/GE
				ZPEB 2.5-2/2AN
				ZDUB 2.5-2/2AN/DB
				ZDUB 2.5-2/2AN/DB BL
				ZDUB 2.5-2/2AN/DB GE
				ZDUB 2.5-2/2AN/DM
				ZDUB 2.5-2/2AN/DM BL
				ZDUB 2.5-2/2AN/DM GE
				ZDUB 2.5-2/2AN/RC
Width 5 mm				
ZTW ZDUB	dark beige	50	**1704340000**	ZDUB 2.5-2/2AN/15
				ZDUB 2.5-2/2AN/RC BL
				ZDUB 2.5-2/2AN/RC GE
				ZDUB 2.5-2/2AN/RC OR
				ZDUB 2.5-2/4AN/15
				ZDUB 2.5-2/4AN/15 BL
				ZDUB 2.5-2/4AN/DB
				ZDUB 2.5-2/4AN/DB BL
				ZDUB 2.5-2/4AN/DB GE
				ZDUB 2.5-2/4AN/DM
				ZDUB 2.5-2/4AN/DM BL
				ZDUB 2.5-2/2AN/15 BL
				ZDUB 2.5-2/4AN/DM GE
				ZDUB 2.5-2/4AN/RC
				ZDUB 2.5-2/4AN/RC/BL
				ZDUB 2.5-2/4AN/RC/GE
				ZPEB 2.5-2/2AN
				ZDUB 2.5-2/2AN/DB
				ZDUB 2.5-2/2AN/DB BL
				ZDUB 2.5-2/2AN/DB GE
				ZDUB 2.5-2/2AN/DM
				ZDUB 2.5-2/2AN/DM BL
				ZDUB 2.5-2/2AN/DM GE
				ZDUB 2.5-2/2AN/RC

... for WeiCoS pluggable terminals

Type	Colour	Qty.	Order No.	For terminal:
Width 2.5 mm				
ZAP/TW ZT2.5/2AN	dark beige	50	**1816030000**	ZT 2.5/2AN/1
ZAP/TW ZT2.5/2AN OR	orange	50	**1816040000**	ZTPE 2.5/2AN/1
Width 2.5 mm				
ZAP/TW ZT2.5/3AN	dark beige	50	**1816050000**	ZT 2.5/3AN/1
				ZTPE 2.5/3AN/1
Width 2.5 mm				
ZAP/TW ZT2.5/4AN/2	dark beige	50	**1816070000**	ZT 2.5/4AN/2
ZAP/TW ZT2.5/4AN/2 OR	orange	50	**1816080000**	ZTPE 2.5/4AN/2
Width 2.5 mm				
ZAP/TW ZT2.5/4AN/4	dark beige	50	**1816090000**	ZT 2.5/4AN/4
				ZTC 2.5/4AN/4
				ZTCPE 2.5/4AN/4
				ZTPE 2.5/4AN/4
Width 2.5 mm				
ZAP/TW ZDT2.5/2	dark beige	50	**1816110000**	ZDT 2.5/2
				ZDT 2.5/2 DU-PE
				ZDT 2.5/2 PE
Width				
ZAP/TW ZTTR2.5	dark beige	50	**1865520000**	ZTTR 2.5
				ZTTR 2.5/0. TNHE

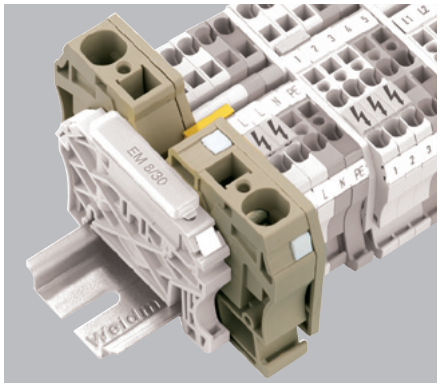
... for double- / multi-layer terminal bocks

Type	Colour	Qty.	Order No.	For terminal:
Width 1.5 mm				
ZAP ZVLD 2.5	dark beige	10	**1210410000**	ZVLD 2.5

... for custom applications

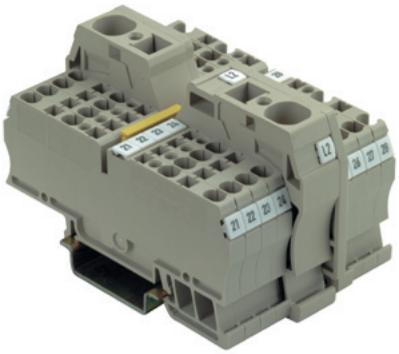
Type	Colour	Qty.	Order No.	For terminal:
Width 2 mm				
ZTW ZTL6	dark beige	20	**1771870000**	ZTD 6
ZTW ZTL6 OR	orange	20	**1771880000**	ZTD 6/STB
				ZTL 6
				ZTL 6/STB
Width 1.5 mm				
ZAP ZDU4/NT	dark beige	20	**1757970000**	ZDU 4/NT
				ZDU 4/NT DB
Width 2.5 mm				
ZAP ZDU10/16S	dark beige	20	**1739660000**	ZDU 10/NT
				ZDU 10S
				ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZPE 10S
				ZPE 16S

ZEI 16 supply terminal



Integrated partition plate

Output possible on left and right



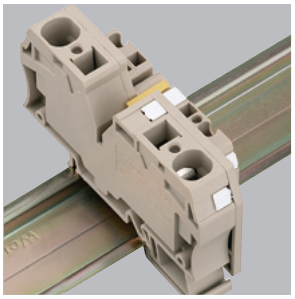
The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 mm². Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

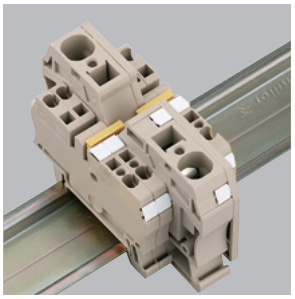
Output options and corresponding cross-connections

Feed terminal	Output terminal	**Cross-connection**	Supply **left**	Supply **right**
ZEI 16	**ZDU 2.5**	**ZQV 2.5/...**	•	•
	ZDU 2.5/4AN	**ZQV 2.5/...**	•	•
	ZDU 2.5N	**ZQV 2.5/...**	•	•
	ZDU 2.5N/3AN	**ZQV 2.5/...**	•	•
	ZDU 2.5N/4AN	**ZQV 2.5/...**	•	•
	ZDU 4	**ZQV 4/...**	•	•
	ZDU 4/3AN	**ZQV 4/...**	•	• 1)
	ZDU 4/4AN	**ZQV 4/...**	•	• 1)
	ZDU 6	**ZQV 6/...**	•	•
	ZDU 6/3AN	**ZQV 6/...**	•	• 1)
	ZTR 2.5	**ZQV 2.5/...**	• 2)	• 2)
	ZTR 2.5/3AN	**ZQV 2.5/...**	• 2)	• 2)
	ZTR 2.5/4AN	**ZQV 2.5/...**	•	•
Feed terminal	Output terminal	**Cross-connection**	Supply **left**	Supply **right**
ZEI 6	**ZDU 1.5**	**ZQV 1.5/...**	•	•
	ZDU 1.5/3AN	**ZQV 1.5/...**	•	•
	ZDU 1.5/4AN	**ZQV 1.5/...**	•	•

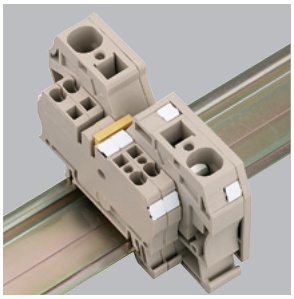
1) with IEPL 2) with QVAR



Imax =
Σ In (links)



Imax =
Σ In (left) + Σ In (right)



Imax =
Σ In (right)

Ordering data

Type	Colour	Qty.	Order No.
ZEI 16	dark beige	20	**1745350000**
ZEI 16 BL	blue	20	**1766240000**
IEPL	dark beige	20	**1859570000**
QVAR	dark beige	20	**1836370000**

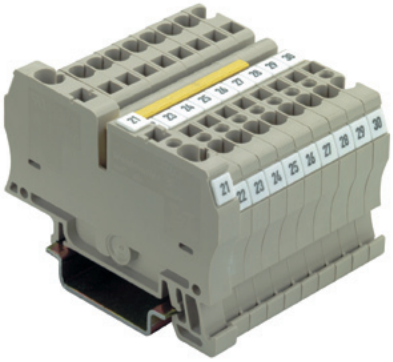
Maximum current flow I_{max} only with ZEI 16

Feed terminal	Cross-connection	Supply conductor cross-section area	Supply **left or right**	Supply **middle**
ZDU 2.5	**ZQV 2.5**	16 mm²	48 A	76 A
		25 mm²	48 A	89 A
ZDU 2.5/4AN	**ZQV 2.5**	16 mm²	48 A	76 A
		25 mm²	48 A	89 A
ZDU 4	**ZQV 4**	16 mm²	64 A	76 A
		25 mm²	66 A	100 A
ZDU 6	**ZQV 6**	16 mm²	76 A	76 A
		25 mm²	82 A	100 A

Supply with standard terminals

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 meters away from the supply side and need not be positioned at the beginning of the supply side. The conductor before the output fuse must be routed to make it "short-circuit proof".

Supply on the left



Supply on the right

Supply options and corresponding cross-connections

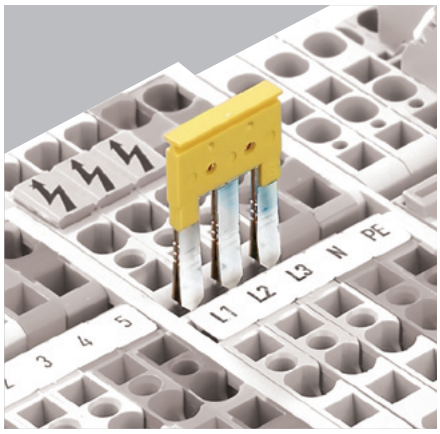
Supply terminals \ Output terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 2.5N	ZDU 2.5N/3AN	ZDU 2.5N/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN		ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
on the right													
on the left													
ZDU 4	•	• 2)	•	•	• 2)	•	•	•	•		• 2)	• 2)	•
ZDU 4/3AN	• 1)	• 2)	• 1)	• 1)	• 2)	• 1)		•			• 2)	• 2)	•
ZDU 4/4AN	• 1)	• 2)	• 1)	• 1)	• 2)	• 1)			•		• 2)	• 2)	• 1)
ZDU 6	• 3)	• 2)	•	•	• 2)	•	•	•	•		• 2)	• 2)	•
ZDU 6/3AN	• 1)		• 1)	• 1)		• 1)							• 1)

Supply terminals \ Output terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 2.5N	ZDU 2.5N/3AN	ZDU 2.5N/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN		ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
on the left													
on the right													
ZDU 4	•	• 2)	• 1)	•	• 2)	• 1)	•				• 2)	• 2)	• 1)
ZDU 4 / 3 AN	•	• 2)	• 1)	•	• 2)	• 1)	•	•			• 2)	• 2)	• 1)
ZDU 4 / 4 AN	•	• 2)	• 1)	•	• 2)	• 1)	•	•	•		• 2)	• 2)	• 1)
ZDU 6	• 3)	• 2)	• 1)	•	• 2)	• 1)	•				• 2)	• 2)	• 1)
ZDU 6 / 3 AN	•	• 2)	• 1)	•	• 2)	• 1)	•	•			• 2)	• 2)	•

1) with IEPL 2) with QVAR

3) Maximum current value at the smallest cross-section:
- ZDU 6 with ZQV 2.5/3 to ZDU 2.5: 55 A
- ZDU 6 with ZQV 2.5/4 to ZDU 2.5: 57 A

Pluggable Cross-Connection ZQV



The time-saving, easy-to-use cross-connection comb for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV 2.5/20 – continuous (20-pole)
- **ZQV 2.5N** as 2- to 10-pole combs and ZQV 2.5N/20 – continuous (20-pole)
- **ZQV 4** as 2- to 10-pole combs and ZQV4/20 – continuous (20-pole)
- **ZQV 6** as 2- to 4-pole combs and ZQV6/32 – continuous (24-pole)
- **ZQV 10**, **ZQV 16** and **ZQV 35** as 2-pole combs (bridges)
- **ZQV 35-10**, **ZQV 35-16** and **ZQV 16-10** used as a reducer cross-connector distributes current from terminals with larger cross-connections to terminals with smaller cross-section.

These versions come with complete shock protection.

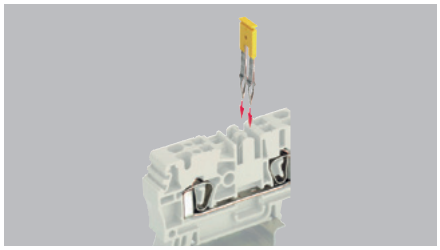
However, please note that the rated voltage is reduced to 400 V when using cross-connections. This does not apply to terminals with a rated voltage below 400 V. Here the rated voltage of the used terminal is mandatory.

Breaking out contact elements

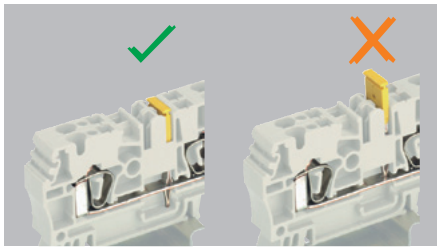
If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.

Fitting and changing crossconnections

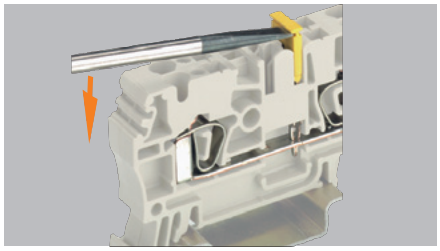
The fitting and changing of cross-connections is a trouble-free and fast operation:
– Insert the cross-connection into the cross-connection channel in the terminal...



... and press it fully home. (The cross-connection may not project from the channel.)

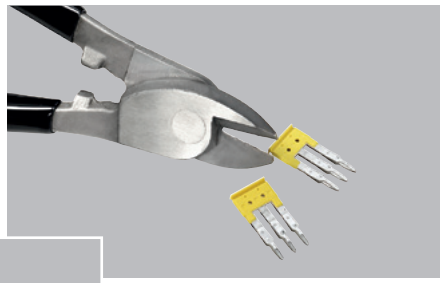


– Remove a cross-connection by simply prising it out with a screwdriver.



Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.

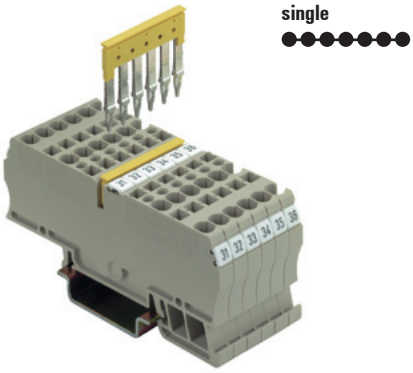


Caution:
Contact elements must not be deformed!

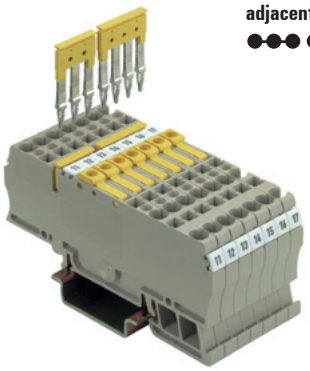
If the user shortens the cross-connections it is necessary to use isolating or end plates (ZAP/TW...) with the terminals in order to maintain the rated voltage of 250 V. (On the bare, cut edges of the cross-connector.)

Possible combinations

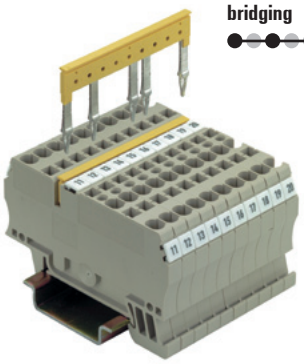
In one cross-connection channel



single



adjacent

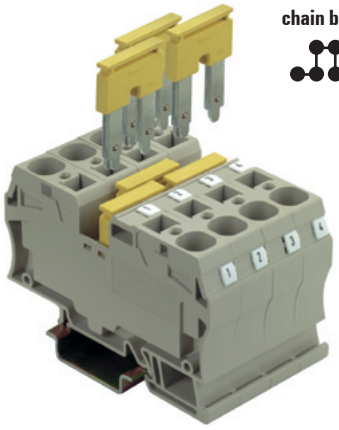


bridging

In two cross-connection channels

parallel/bridging

parallel/lengthening



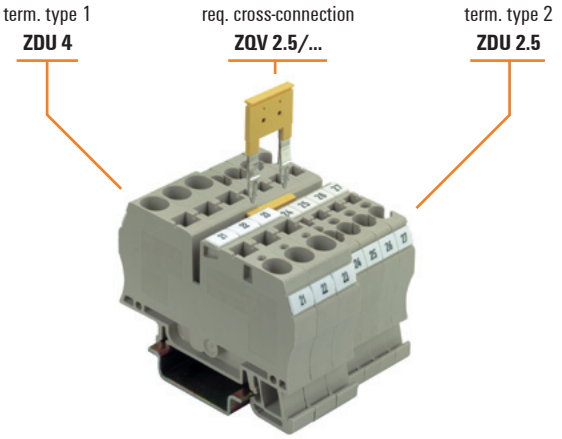
chain bridge

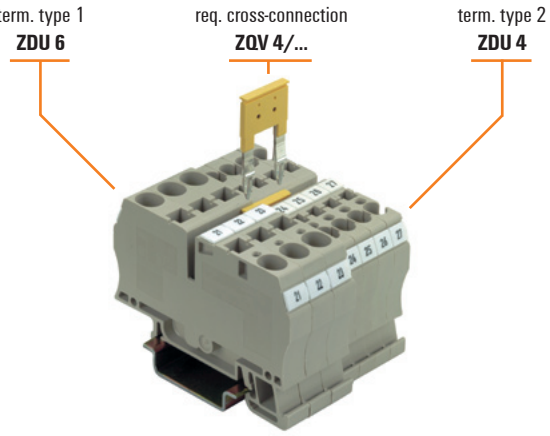
Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type	Querverbindung	single	adjacent	bridging	Kettenbrücke	parallel bridging	parallel lengthening
Standard terminals							
ZDU 2.5	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5 / 3 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5 / 4 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5N	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5N / 3 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5N / 4 AN	ZQV 2.5/...	•	•	•			
ZTR 2.5 ...	ZQV 2.5/...	•	•	•			
ZSI 2.5 ...	ZQV 2.5/...	•	•	•			
ZDU 4 ...	ZQV 4/...	•	•	•			
ZDU 6 ...	ZQV 6/...	•	•	•			
ZDU 10, ZDU 16, ZDU 35	ZQV 10/2	•			•		
ZPE 2.5	ZQV 2.5/...			•		•	•
ZPE 4	ZQV 4/...			•			
ZPE 6	ZQV 6/...			•			
ZPE 10, ZPE 16, ZPE 35	ZQV 10	•			•		
Roof-Style terminals							
ZDU 2.5-2	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5-2 / 3 AN	ZQV 2.5/...	•	•	•	•	•	•
ZDU 4-2/...	ZQV 4/...	•	•	•	•	•	•
ZDU 6-2/...	ZQV 6/...	•	•	•			
ZPE 2.5-2	ZQV 2.5/...			•		•	
ZPE 2.5-2 / 3 AN	ZQV 42.5/...			•		•	
ZPE 4-2/...	ZQV 4/...			•		•	
ZPE 6-2/...	ZQV 6/...			•			

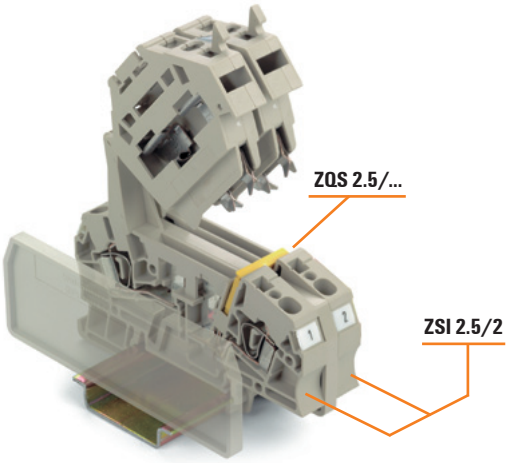
Alternative cross-connections available

Terminals with different rated cross-section





Fuse terminals with same rated cross-section



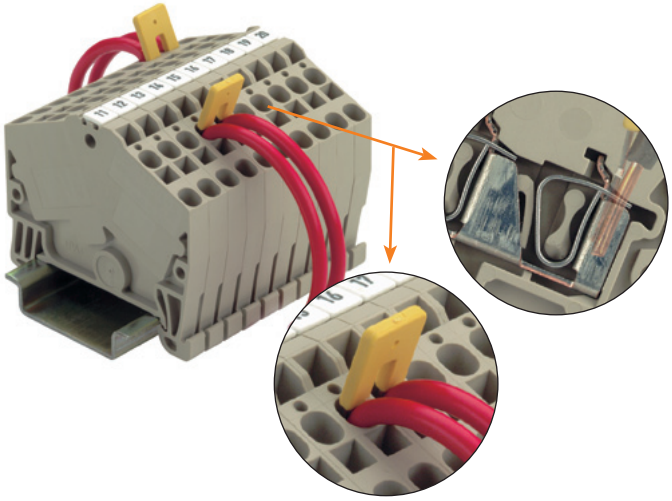
It is necessary to break out the cross-connection panel in the side wall of the fuse terminal.

Terminals without cross-connection channel – ZDU 2.5-2 / 4 AN

To cross connect ZDU 2.5-2/4 AN terminals, which do not have cross-connection channels, use the ZQB 2.5 cross-connection bridge to provide a simple cross-connection solution.

The illustration shows how to fit **ZQB 2.5** correctly.

Always ensure that the conductor is placed between the tension clamp and ZQB 2.5.
The conductor cross-sections is reduced to 1.5 mm^2 “e” and “f” as a result of using ZWB 2.5.



Cross-connections according to dimensions

ZQV 1.5

Technical data	
Current / Current	A
	17.5 / 17.5

Ordering data	Type	Qty.	Order No.
2-pole	ZQV 1.5/2	60	1776120000
3-pole	ZQV 1.5/3	60	1776130000
4-pole	ZQV 1.5/4	60	1776140000
5-pole	ZQV 1.5/5	20	1776150000
6-pole			
7-pole			
8-pole			
9-pole			
10-pole	ZQV 1.5/10	20	1776200000
20-pole			
32-pole			

For terminal:

ZDU 1.5 ...
ZDK 1.5 ...
ZEI 6

ZQV 2.5

24 / 24

Type	Qty.	Order No.
ZQV 2.5/2	60	1608860000
ZQV 2.5/3	60	1608870000
ZQV 2.5/4	60	1608880000
ZQV 2.5/5	20	1608890000
ZQV 2.5/6	20	1608900000
ZQV 2.5/7	20	1608910000
ZQV 2.5/8	20	1608920000
ZQV 2.5/9	20	1608930000
ZQV 2.5/10	20	1608940000
ZQV 2.5/20	20	1908960000

For terminal:

ZDU 2.5 ...
ZDK 2.5 ...
ZTR 2.5 ...
ZDTR 2.5
ZTSI 2.5 ...
ZRV 2.5 ...
ZIA 2.5 ...
ZEI 16
ZDU 2.5-2 ...
ZDK 2.5-2
ZTR 2.5-2 ...
ZDLD 2.5-2 ...
ZDKPE 2.5-2
ZDU 2.5N ...
ZNT 2.5/3AN ...
ZEI 16-2/1 AN
ZDU 2.5 S
ZTN 2.5 S

ZQV 4

32 / 32

Type	Qty.	Order No.
ZQV 4/2 GE	60	1608950000
ZQV 4/3 GE	60	1608960000
ZQV 4/4 GE	60	1608970000
ZQV 4/5 GE	20	1608980000
ZQV 4/6 GE	20	1608990000
ZQV 4/7 GE	20	1609000000
ZQV 4/8 GE	20	1609010000
ZQV 4/9 GE	20	1609020000
ZQV 4/10 GE	20	1609030000
ZQV 4/20 GE	20	1909010000

For terminal:

ZDU 4 ...
ZDK 4/S ...
ZEI 16
ZDU 4-2 ...
ZDU 4 S
ZNT 4 S
ZEI 16-2/1 AN

Cross-connections according to dimensions

ZQV 35-10

Reducing cross-connection

Technical data	
Current / Current	A
	57 / 105

Ordering data	Type	Qty.	Order No.
2-pole	ZQV 35-10	10	7920100000
3-pole			
4-pole			
5-pole			
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			
20-pole			
32-pole			

For terminal:

ZDU 10 ...
ZPE 10 ...
ZDU 35
ZPE 35
ZDU 10 S
ZNT 10 S

ZQV 2.5N

24 / 24

Type	Qty.	Order No.
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/4 GE	60	1693820000
ZQV 2.5N/5 GE	20	1693830000
ZQV 2.5N/6 GE	20	1693840000
ZQV 2.5N/7 GE	20	1693850000
ZQV 2.5N/8 GE	20	1693860000
ZQV 2.5N/9 GE	20	1693870000
ZQV 2.5N/10 GE	20	1693880000

For terminal:

ZT 2.5 ...
ZDT 2.5 ...
ZP 2.5 ...
ZTTQ 2.5 ...
ZTC ...
ZDUA 2.5-2 ...
ZDUA 2.5-2N ...
ZDL 2.5 ...
ZDL 2.5 S

ZQB 2.5

24 / 24

Type	Qty.	Order No.
ZQB 2.5-2	50	1677120000

For terminal:

ZDUB 2.5-2/4 AN
ZDU 2.5-2/4 AN

The ZQB 2.5 cross-connector is used for connecting terminals without a separated cross-connection channel.
The ZBW tools is used for opening the terminal points. (order no. 1650670000)

ZQV 6

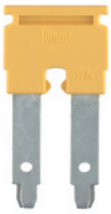
41 / 41

Type	Qty.	Order No.
ZQV 6/2 GE	60	**1627850000**
ZQV 6/3 GE	60	**1627860000**
ZQV 6/4 GE	60	**1627870000**
ZQV 6/24	10	**1908990000**

For terminal:

ZDU 6 ...	ZDU 6-2 ...
ZDK 6/S ...	ZDU 6 S
ZTL 6 ...	ZNT 6 S
ZEI 16 ZEI	ZEI 16-2/1 AN

ZQV 10/2



57 / 57*

Type	Qty.	Order No.
ZQV 10/2	25	**1739680000**

For terminal:

ZDU 10 ...	ZDU 10 S
ZDU 10 NT	ZNT 10 S

* Only with use of 2 dummy cables

ZQV 16/2

76 / 76*

Type	Qty.	Order No.
ZQV 16/2	25	**1739690000**

For terminal:

ZDU 16	ZDU 16 S
ZPE 16	ZPE 16 S
	ZNT 16 S

* Only with use of 2 dummy cables

ZQV 35/2

105 / 105

Type	Qty.	Order No.
ZQV 35/2	10	**1739700000**

For terminal:

ZDU 35
ZPE 35
ZNT 35/S

ZQS 2.5

/ 10

Type	Qty.	Order No.
ZQS 2.5/2	20	**1633200000**
ZQS 2.5/3	20	**1633210000**
ZQS 2.5/4	20	**1633220000**
ZQS 2.5/5	20	**1633230000**

For terminal:

ZSI 2.5/2 ...

ZVQ 2.5/1.5

/ 23

Type	Qty.	Order No.
ZVQ 2.5/1.5	50	**1720700000**

For terminal:

ZDK 2.5 ...	ZDLD 2.5-2 ...
ZDT 2.5/2	

Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height[1]	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Clamped conductors (H05V/H07V)	
solid / stranded	mm²
flexible / Flexible with ferrule	mm²
Ordering data	
	1-pole
	With snap-in pegs

ZTA 1

For terminal width 5.1 mm

5.1 / 31.5	
6	
250	
9	
1.5	
0.5…1.5	
0.5…1.5 / 0.5…1.5	

Type	Qty.	Order No.
ZTA 1	25	**1609040000**
ZTA 1/ZA	25	**1609050000**

For terminal:

ZDU 2.5 …
ZTR 2.5 …
ZSI 2.5 …
ZSI 2.5/2

ZTA 2

For terminal width 6.1 mm

6.1 / 31.5	
6	
250	
9	
1.5	
0.5…1.5	
0.5…1.5 / 0.5…1.5	

Type	Qty.	Order No.
ZTA 2 ZDU4	25	**1609060000**
ZTA 2/ZA ZDU4	25	**1609070000**

For terminal:

ZDU 4 …

ZTA 3

For terminal width 8.1 mm

8.1 / 31.5	
6	
250	
9	
1.5	
0.5…1.5	
0.5…1.5 / 0.5…1.5	

Type	Qty.	Order No.
ZTA 3 ZDU6	25	**1654050000**

For terminal:

ZDU 6 …

Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height[1]	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Clamped conductors (H05V/H07V)	
solid / stranded	mm²
flexible / Flexible with ferrule	mm²
Ordering data	
	1-pole
	With snap-in pegs

ZTA 6

For terminal width 6.1 mm

6.1 / 31.5	
6	
250	
17.5	
1.5	
0.5…1.5	
0.5…1.5 / 0.5…1.5	

Type	Qty.	Order No.
ZTA 6/ZA	25	**1780660000**

For terminal:

ZDU 4-2 …

ZTA 7

For terminal width 8.1 mm

8.1 / 31.5	
6	
250	
9	
1.5	
0.5…1.5	
0.5…1.5 / 0.5…1.5	

Type	Qty.	Order No.
ZTA 7/ZA	25	**1780670000**

For terminal:

ZDU 6-2 …

ZTA ZT2.5

For terminal width 5.1 mm

5.1 / 20	
10	
250	
17.5	
1.5	
0.5…1.5	
0.5…1.5	

Type	Qty.	Order No.
ZTA ZT2.5	25	**1827080000**
ZTA ZT2.5/ZA	25	**1847600000**

For terminal:

ZT 2.5 …

Note: 1) The height is dependent on the terminal type

ZTA 4

For terminal width 5.1 mm

5.1 / 31	
10	
250	
11	
1.5	
0.5…1.5	
0.5…1.5 / 0.5…1.5	

Type	Qty.	Order No.
ZTA 4	25	1688110000

For terminal:

ZDK 2.5 …
ZTR 2.5/4 AN …

ZTA 5

For terminal width 3.5 mm

3.5 / 20	
10	
200	
13.5	
1	
0.5…1	
0.5…1 / 0.5…1	

Type	Qty.	Order No.
ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

For terminal:

ZDU 1.5 …
ZDK 1.5 …

ZTA ZVLD

For terminal width 5.1 mm

5.1 / 69	
6	
250	
6	
1.5	
0.5…1.5	

Type	Qty.	Order No.
ZTA ZVLD	25	1210390000
ZTA ZVLD/ZA	25	1271870000

For terminal:

ZVLD …

Test plug

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

Technical data	
Current / Current	-
Ordering data	
	Test plug

PS

Plug diameter 2.0 mm

Type	Qty.	Order No.
PS 2.0 OR	20	0293800000

For terminal:

ZDU/ZPE 2.5/…
ZDU/ZPE 4/…
ZDU/ZPE 6/3 AN
ZDU/ZPE 10/…
ZDU/ZPE 16/…
ZDU/ZPE 35
ZEI 16
ZTR 2.5/…
ZTR 2.5 …/D
ZDTR 2.5
ZTR 2.5/SI
ZDL 2.5/SI …
ZTTR 2.5/2AN/1

PS 2.3 RT

Plug diameter 2.3 mm

Type	Qty.	Order No.
PS 2.3 RT	20	0180400000

For terminal:

ZDU/ZPE 2.5/…
ZDU/ZPE 4/…
ZDU/ZPE 10/…
ZDU/ZPE 18/…
ZDU/ZPE 35
ZDU/ZPE 4-2
ZDU/ZPE 6-2
ZTR 2.5…
ZTR 2.5…/D
ZDTR 2.5
ZTR 2.5/SI
ZDL 2.5/SI…
ZTTR 2.5/2AN/1

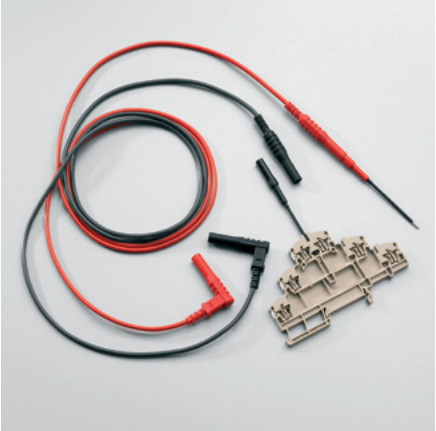
PS ZQV test probes

The PS ZQV test probes allow you to use only one product to test PUSH IN terminals.

PS ZQV

Test probes

- Safe and hand-free measuring of terminals
- Insert into the ZQV contact
- Very flexible silicone safety-measurement cables connect to any measurement instrument.



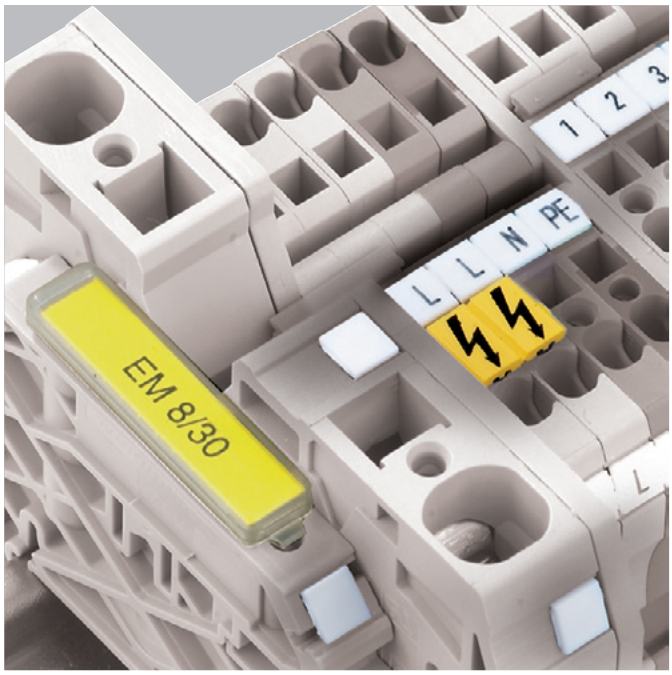
Technical data

	Test probes
DC voltage measuring range	1000 V
AC voltage measuring range	1000 V
Weight	
Note	

Ordering data

Version	Type	Qty.	Order No.
	**PS_ZQV_SET	1	**1116710000**
	*PS_ZQV	1	**1121740000**
Note	Included in delivery: * 2 test probes (red and black) ** 2 test probes (red and black), 2 silicone safety-measurement cables (1.2 m, red and black)		

Cover



The VDE standards call for power connection terminals to be covered.

For this purpose, Weidmüller can supply yellow warning **ZAD** covers with the „lightning flash" symbol.

The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

Operating tool

The fully-insulated **ZBW1** to **ZBW6** and ZBWW tools are used for opening 1.5 mm^2 and 2.5 mm^2 terminal points. They can be used to simultaneously open multiple terminal points.

The ZBWW tools, with its angled bit, makes it possible conveniently connect terminals in a confined space.

The plastic tools increase safety when working on facilities during operation.

Cover

Type Width	Colour	Qty.	Order No.	For terminal:
ZAD 7/4		20	**1781940000**	ZDK 1.5
				ZDK 1.5 BL
				ZDK 1.5DU-PE
				ZDK 1.5V
				ZDK 1.5V BL
				ZDU 1.5
				ZDU 1.5 2X2AN
				ZDU 1.5 2X2AN BL
				ZDU 1.5 BL
				ZDU 1.5/3 AN
				ZDU 1.5/3 AN/BL
				ZDU 1.5/4 AN
				ZDU 1.5/4 AN/BL
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZEI 16
				ZEI 16 BL
Width				
ZAD 1/4		20	**1609110000**	ZDK 4-2
				ZDU 2.5 BL
				ZDU 2.5/2X2AN
				ZDU 2.5/2X2AN BL
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZDU 2.5/2X2AN/LD+
				ZDU 2.5/2X2AN/LD-
				ZDU 2.5/3AN
				ZDU 2.5/3AN BL
				ZDU 2.5/4AN
				ZDK 4-2 BL
				ZDU 2.5/4AN BL
				ZDU 4-2/2AN
				ZDU 4-2/2AN BL
				ZDU 4-2/3AN
				ZDU 4-2/3AN BL
				ZDU 4-2/3AN LSC
				ZDU 4-2/4AN
				ZDU 4-2/4AN BL
				ZDUA 2.5-2N
				ZDUA 2.5-2N BL
				ZDK 4-2 PE
				ZEI 16
				ZEI 16 BL
				ZPE 4-2/4AN
				ZPEA 2.5-2N
				ZSI 2.5-2/2X2AN/G20
				ZSI 2.5-2/2X2AN/G20/LD1
				ZSI 2.5-2/2X2AN/G20/LD2
				ZSI 6-2 2X2.5/G20
				ZSI 6-2 2X2.5/G20/LD1
				ZSI 6-2 2X2.5/G20/LD2
				ZDK 4-2 V
				ZSI 6-2 2X2.5/G20/LD3
				ZSI 6-2 2X2.5/G20/LD4
				ZTR 2.5/4AN
				ZTR 2.5/4AN BL
				ZTR 2.5/4AN/O TNHE
				ZDK 4-2/D forward
				ZDK 4-2/D reverse
				ZDK 4-2/DU-PE
				ZDK 4-2/N/L
				ZDU 2.5

Cover

Type Width	Colour	Qty.	Order No.	For terminal:
ZAD 1/4-2 GE		20	**1764560000**	ZDK 2.5-2
				ZDK 2.5-2 BL
				ZDK 2.5-2 PE
				ZDK 2.5V
				ZDK 2.5V BL
				ZDKPE 2.5-2
				ZDKPE 2.5-2/N/L/PE
				ZDU 2.5-2
				ZDU 2.5-2 BL
				ZDU 2.5-2/3AN
				ZDU 2.5-2/3AN BL
				ZDU 2.5-2/4AN
				ZDU 2.5-2/4AN BL
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZEI 16
				ZEI 16 BL
				ZTR 2.5-2
				ZTR 2.5-2 BL
				ZTR 2.5-2/0.TNHE
Width				
ZAD 2/4		20	**1609080000**	ZDU 2.5/2X2AN/D+
				ZEI 16 BL
				ZSI 2.5-2/2X2AN/G20
				ZSI 2.5-2/2X2AN/G20/LD1
				ZSI 2.5-2/2X2AN/G20/LD2
				ZSI 6-2 2X2.5/G20
				ZSI 6-2 2X2.5/G20/LD1
				ZSI 6-2 2X2.5/G20/LD2
				ZSI 6-2 2X2.5/G20/LD3
				ZSI 6-2 2X2.5/G20/LD4
				ZSI 6-2/FC
				ZDU 2.5/2X2AN/D-
				ZSI 6-2/FC LD
				ZDU 4
				ZDU 4 BL
				ZDU 4/3AN
				ZDU 4/3AN BL
				ZDU 4/4AN
				ZDU 4/4AN BL
				ZEI 16
Width				
ZAD 3/4		20	**1609120000**	ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZDU 6
				ZDU 6 BL
				ZDU 6/3AN
				ZDU 6/3AN BL
				ZEI 16
				ZEI 16 BL
				ZEI 6
Width				
ZAD 4/5		20	**1746730000**	ZDU 10
				ZDU 10 BL
				ZDU 10/3AN
				ZDU 10/3AN BL
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZEI 16
				ZEI 16 BL
Width				
ZAD 5/5		20	**1745210000**	ZDU 16
				ZEI 16-2/1AN BL
				ZDU 16 BL
				ZDU 16/3AN
				ZDU 16/3AN BL
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZEI 16
				ZEI 16 BL
				ZEI 16-2/1AN

Cover

Type Width	Colour	Qty.	Order No.	For terminal:
ZAD 6/5		20	**1752620000**	ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZDU 35
				ZDU 35 BL
				ZEI 16
				ZEI 16 BL
Width				
ZAD 9/4		20	**1934160000**	ZDU 2.5N
				ZDU 2.5N/3AN
				ZDU 2.5N/4AN
				ZDK 2.5
				ZDK 2.5/3AN
				ZDK 2.5V
				ZDUA 2.5-2
				ZPEA 2.5-2

Operating tool

Type Width	Colour	Qty.	Order No.	For terminal:
ZBW 1/3.5		1	**1781930000**	ZDK 1.5DU-PE
				ZDK 2.5-2
				ZDK 2.5-2 BL
				ZDK 2.5-2 PE
				ZDK 2.5V
				ZDK 2.5V BL
				ZDKPE 2.5-2
				ZDKPE 2.5-2/N/L/PE
Width				
ZBW 1		1	**1669620000**	ZDK 2.5-2
ZBW 2		1	**1650670000**	ZDK 2.5-2 BL
ZBW 3		1	**1650680000**	ZDK 2.5-2 PE
ZBW 4		1	**1650690000**	ZDK 2.5V
ZBW-6		1	**1650700000**	ZDK 2.5V BL
ZBWW		1	**1669630000**	ZDKPE 2.5-2
				ZDKPE 2.5-2/N/L/PE

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point.
Packaged in sets of 100 x 10-pole strips

Technical data
Product type
Ordering data
0.13...0.2 mm². white
0.25...0.5 mm², grey
0.75...1.0 mm², dark grey

ZRH 1.5 S

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5S/1	500	**1781950000**
ZRH 1.5S/2	500	**1781960000**

For terminal:
ZDU 1.5/...
ZPE 1.5/...

ZRH 1.5 H

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5H/1	1000	**1678810000**
ZRH 1.5H/2	1000	**1678800000**

For terminal:
ZDK 2.5...
ZDK 2.5 PE
ZDTR 2.5
ZDLD 2.5-2...
ZDU 2.5-2/...
ZPE 2.5-2/...
ZTR 2.5-2...

ZRH 1.5 N

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5N/1	1000	**1632140000**
ZRH 1.5N/2	1000	**1632130000**

For terminal:
ZRV 1.5
ZRV 1.5 PEZVL 1.5
ZIA 1.5/3 L ...
ZIA 1.5/4 L ...

ZRH 2.5

Reducing sleeve

Type	Qty.	Order No.
ZRH 2.5/1 WS	1000	**1614300000**
ZRH 2.5/2 GR/V0	1000	**1614290000**
ZRH 2.5/3	1000	**1614280000**

For terminal:
ZDU 2.5/...
ZTR 2.5/...

ZRH 4

Reducing sleeve

Type	Qty.	Order No.
ZRH 4/1 WS	1000	**1636640000**
ZRH 4/2	1000	**1636650000**

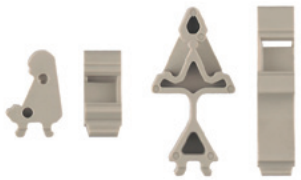
For terminal:
ZDU 4/...
ZPE 4/...

Label

The **BZT** marking tags enable you to label the middle of the marking channel with the **WS 10/5** tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

Technical data
Product type
Ordering data
One-sided, without peg
One-sided, with peg
Two-sided without pin
Two-sided, with pin

BZT 1/BZT 2



Marker holder

Type	Qty.	Order No.
BZT 1 WS 10/5	100	**1805490000**
BZT 1 ZA WS 10/5	100	**1805520000**
BZT 2 WS 10/5	100	**1805480000**
BZT 2 ZA WS 10/5	100	**1805530000**

For terminal:
ZDU 2.5/...
ZDU 4/...
ZDU 6/...
ZDU A 2.5/...

Additional connection

The contact element is placed in the cross-section channel and the latch clip in the screwdriver channel. It should then be pressed down until the end stop. The pitch spacing is 6 mm. Therefore only every other terminal can be occupied.

ZZA 2.5

Dimensions		
Width / Length / Height	mm	6.1 / 21 / 23 (50)
Stripping length	mm	
Rated data		
Rated voltage	V	400
Rated current	A	17.5
Rated cross-section	mm²	2.5
Rated impulse voltage	kV	6
Pollution severity		3
Ordering data		
	With snap-in pegs	

Type	Qty.	Order No.
ZZA 2.5/ZA	50	1649350000
ZZA 2.5	50	1646690000
For terminal:		
ZDU 2.5		
ZDU 2.5/3 AN		
ZDU 2.5/4 AN		
ZTR 2.5		
ZTR 2.5/3 AN		

Component plug

The component plug is used for fitting electronic components.
If needed, the BZS 1 can be snapped on to the upper or lower cross-connection channel on the ZDK 2.5 tension-clamp terminals.

ZBS

Dimensions		
Width / Length / Height	mm	10 / 22.3 / 48
Stripping length	mm	
Rated data		
Rated voltage	V	250
Rated voltage with LED		30 V
Rated current	A	6
Rated current with LED		1 A
Rated impulse voltage	kV	4
Pollution severity		3
Ordering data		
	For holding 2 LEDs	

Type	Qty.	Order No.
ZBS1 F.D SET	10	1764550000
For terminal:		
ZDK 2.5		

Shield conductor

The shielding braid from the stripped control cables is soldered to the ZDUS or crimped on with 2.8 x 0.8 mm cable-lug sleeves. The ZDUS can be installed along side of the ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and ZTR 2.5.

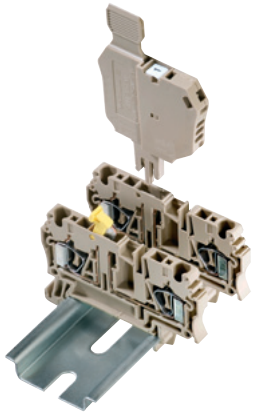
ZDUS

Shield conductor - connection terminals

Dimensions		
Width / Length / Height	mm	4.8 / 83.5 / 33.5
Ordering data		

Type	Qty.	Order No.
ZDUS	20	1676640000
For terminal:		

SIHA fuse holder



For 5 x 20 G-fuse cartridges
The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time.
Simply remove the isolating lever and insert the fuse plug.

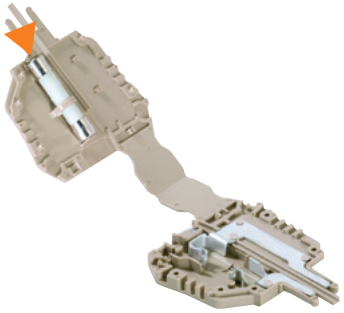
- ESimple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)

- Even fits on 5 mm wide terminals when fitted in offset arrangement

- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20

1. Open fuse holder with fingers or screwdriver.

2. Press out old fuse.



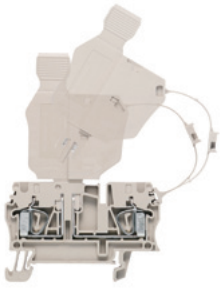
3. Position new fuse.

4. Press fuse holder together again with fingers or screwdrive.

SIHA 3

	Qty.	Order No.
without LED		
SIHA3/G20		
400 V	1	**7921560000**
with LED (red)		
SIHA3/G20		
10 - 36 V	1	**7921570000**
35 - 70 V	1	**7921580000**
60 - 150 V	1	**7921590000**
140 - 250 V	1	**7921600000**
For test-disconnect terminals versions		
ZTR 2.5/4 AN		
ZTR 2.5...		
ZTR 2.5-2		

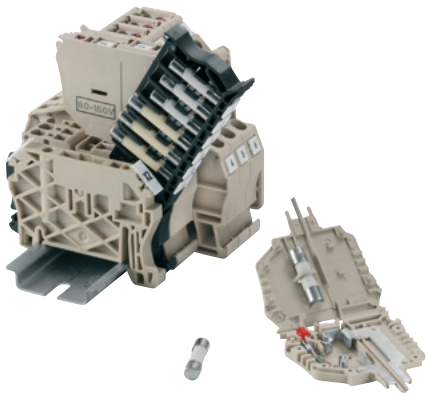
SIHA STRAP



	Qty.	Order No.
with strap		
SIHA STRAP		
	20	**9537680000**

Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either on the left or on the right

ZST 1 fuse-carrier / ZST multi-carrier



ZST 1

The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available to be used during servicing work.

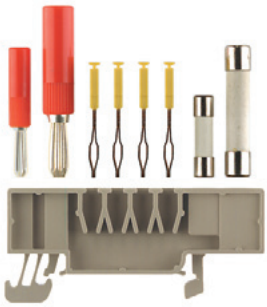
Dimensions		
Width / Length / Height	mm	8 / 62 / 40

Ordering data

Type	Qty.	Order No.
ZST 1	25	1269070000

ZST

The ZST group carrier is used for temporary „parking“ of test plugs, cross-connections and fuses which are used during service work. The group carrier can be snapped on to the end of a terminal strip or to the TS 35 rail.



Dimensions		
Width / Length / Height	mm	10 / 61.1 / 27.5

Ordering data

Type	Qty.	Order No.
ZST	10	1678680000

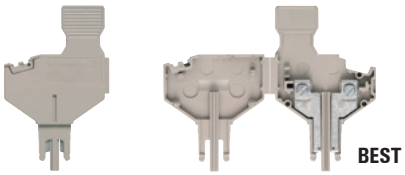
Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the “disconnecting products” of the W-, Z-, I- and P-Series.

Component plug (up to 250 V)

can be reversed



BEST

Ordering data

Type	Fitted with...	Qty.	Order No.
BEST	–	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000
For terminal type			
PTR 2.5/4...			
PDL 4 TR/...			

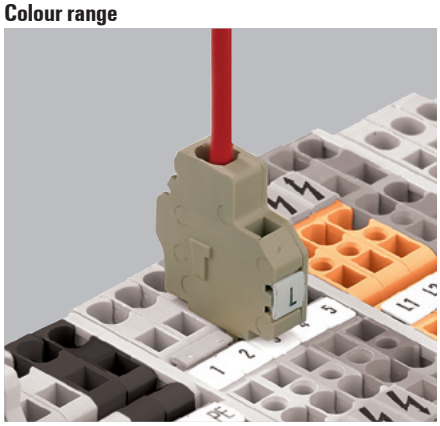
Isolating plug

Isolating plug

Ordering data

Type	Colour	Qty.	Order No.
TNST	yellow Wemid	25	1833090000
For terminal type			
ZTR 2.5...			
ZTR 2.5-2			
ZDL 2.5/TR			
ZDL 2.5/SI			

Colour range



The colours listed below are available as standard. Other variants are available upon request and are subject to minimum order quantities.

	Colour	Qty.	1.5 mm² Order No.
ZDU 1.5			
ZDU 1.5 BL	blue	100	**1775490000**
ZDU 1.5 OR	orange	100	**1775500000**
ZDU 1.5/2X2AN			
ZDU 1.5/2X2AN BL	blue	100	**1826990000**
ZDU 1.5/2X2AN OR	orange	100	**1827000000**
ZDU 1.5/3AN			
ZDU 1.5/3AN BL	blue	100	**1775540000**
ZDU 1.5/3AN OR	orange	100	**1775550000**
ZDU 1.5/4AN			
ZDU 1.5/4AN BL	blue	100	**1775600000**
ZDU 1.5/4AN OR	orange	100	**1775610000**

	Colour	Qty.	2.5 mm² Order No.
ZDU 2.5			
ZDU 2.5 BL	blue	100	**1608520000**
ZDU 2.5 BR	braun	100	**1683300000**
ZDU 2.5 GE	yellow	100	**1683270000**
ZDU 2.5 GE/GN	yellow/green	100	**1698780000**
ZDU 2.5 GN	green	100	**1683280000**
ZDU 2.5 GR	grey	100	**1683310000**
ZDU 2.5 OR	orange	100	**1636780000**
ZDU 2.5 RT	red	100	**1683260000**
ZDU 2.5 SW	black	100	**1683330000**
ZDU 2.5 VI	violet	100	**1683290000**
ZDU 2.5 WS	white	100	**1683320000**
ZDU 2.5/2X2			
ZDU 2.5/2X2AN BL	blue		**1608610000**
ZDU 2.5/2X2AN OR	orange		**1636810000**
ZDU 2.5/3AN			
ZDU 2.5/3AN BL	blue	100	**1608550000**
ZDU 2.5/3AN GE	yellow	100	**1683350000**
ZDU 2.5/3AN GE/GN	yellow/green	100	**1698790000**
ZDU 2.5/3AN GN	green	100	**1683360000**
ZDU 2.5/3AN GR	grey	100	**1683390000**
ZDU 2.5/3AN OR	orange	100	**1636790000**
ZDU 2.5/3AN RT	red	100	**1683340000**
ZDU 2.5/3AN SW	black	100	**1683410000**
ZDU 2.5/3AN WS	white	100	**1683400000**
ZDU 2.5/4AN			
ZDU 2.5/4AN BL	blue		**1608580000**
ZDU 2.5/4AN BR	braun	100	**1683460000**
ZDU 2.5/4AN GE	yellow	100	**1683430000**
ZDU 2.5/4AN GE/GN	yellow/green	100	**1692240000**
ZDU 2.5/4AN GN	green	100	**1683440000**
ZDU 2.5/4AN GR	grey	100	**1683470000**
ZDU 2.5/4AN OR	orange	100	**1636800000**
ZDU 2.5/4AN RT	red	100	**1683420000**
ZDU 2.5/4AN SW	black	100	**1683490000**
ZDU 2.5/4AN WS	white	100	**1683480000**
ZDU 2.5 2X2AN			
ZDU 2.5/2X2AN			**1608600000**
ZDU 2.5-2			
ZDU 2.5-2 BL	blue		**1772070000**
ZDU 2.5-2 OR	orange	100	**1772080000**
ZDU 2.5-2/3AN			
ZDU 2.5-2/3AN BL	blue		**1706040000**
ZDU 2.5-2/3AN GE	yellow		**1946240000**
ZDU 2.5-2/3AN OR	orange	100	**1706050000**
ZDU 2.5-2/3AN RT	red		**1946220000**
ZDU 2.5-2/3AN SW	black		**1946210000**
ZDU 2.5-2/3AN WS	white		**1946230000**
ZDU 2.5-2/4AN			
ZDU 2.5-2/4AN BL	blue		**1706070000**
ZDU 2.5-2/4AN OR	orange	100	**1706080000**
ZTR 2.5			
ZTR 2.5 OR	orange	100	**8731680000**
ZTR 2.5/3AN			
ZTR 2.5/3AN OR	orange	50	**8731690000**
ZTR 2.5/4AN			
ZTR 2.5/4AN OR	orange	100	**7920940000**
ZTR 2.5-2			
ZTR 2.5-2 OR	orange	100	**1779130000**
ZDK 2.5			
ZDK 2.5 OR	orange	50	**1694140000**
ZDK 2.5-2			
ZDK 2.5-2 OR	orange	50	**1831260000**

			4 mm²
	Colour	Qty.	Order No.
ZDU 4			
ZDU 4 BL	blue		**1632060000**
ZDU 4 BR	braun	100	**1683620000**
ZDU 4 GE	yellow	100	**1683590000**
ZDU 4 GE/GN	yellow/green	100	**1698770000**
ZDU 4 GR	grey	100	**1683630000**
ZDU 4 OR	orange	100	**1636830000**
ZDU 4 RT	red	100	**1683580000**
ZDU 4 SW	black	100	**1683650000**
ZDU 4 WS	white	100	**1683640000**
ZDU 4/3AN			
ZDU 4/3AN BL	blue		**7904190000**
ZDU 4/4AN OR	orange		**8670210000**
ZDU 4-2/2AN			
ZDU 4-2/2AN BL	blue		**1770840000**
ZDU 4-2/3AN			
ZDU 4-2/3AN BL	blue		**1770860000**
ZDU 4-2/3AN OR	orange	100	**1770870000**

			16 mm²
	Colour	Qty.	Order No.
ZDU 16			
ZDU 16 BL	blue		**1745240000**
ZDU 16 OR	orange	25	**1830680000**
ZDU 16 SW	black		**1830650000**
ZDU 16/3AN			
ZDU 16/3AN BL	blue		**1768330000**

Mini terminals			2.5 mm²
	Colour	Qty.	Order No.
ZDUA 2.5-2			
ZDUA 2.5-2 BL	blue		**1808180000**
ZDUA 2.5-2 OR	orange	100	**1720940000**
ZDUA 2.5-2N BL	blue		**1808180000**
ZDUB 2.5-2/2AN			
ZDUB 2.5-2/2AN/DB BL	blue		**1704510000**
ZDUB 2.5-2/2AN/DB GE	yellow		**1704530000**
ZDUB 2.5-2/2AN/DM BL	blue		**1704360000**
ZDUB 2.5-2/2AN/DM GE	yellow		**1704380000**
ZDUB 2.5-2/2AN/DM OR	orange	100	**1704370000**
ZDUB 2.5-2/4AN			
ZDUB 2.5-2/4AN/DB BL	blue		**1704700000**
ZDUB 2.5-2/4AN/DB GE	yellow		**1704720000**
ZDUB 2.5-2/4AN/DM BL	blue		**1704550000**
ZDUB 2.5-2/4AN/DM GE	yellow		**1704570000**
ZDUB 2.5-2/4AN/DM OR	orange	100	**1704560000**

			6 mm²
	Colour	Qty.	Order No.
ZDU 6			
ZDU 6 BL	blue		**1608630000**
ZDU 6 OR	orange	50	**1636820000**
ZDU 6 RT	red	50	**1830420000**
ZDU 6/3AN			
ZDU 6/3AN BL	blue		**7907420000**
ZDU 6/3AN OR	orange		**8670420000**
ZDU 6-2/2AN			
ZDU 6-2/2AN BL	blue		**1771390000**
ZDU 6-2/2AN OR	orange	50	**1771400000**
ZDU 6-2/3AN			
ZDU 6-2/3AN BL	blue		**1771420000**
ZDU 6-2/3AN OR	orange	50	**1771430000**

			35 mm²
	Colour	Qty.	Order No.
ZDU 35			
ZDU 35 BL	blue		**1739630000**
ZDU 35 OR	orange	10	**1830760000**

			10 mm²
	Colour	Qty.	Order No.
ZDU 10			
ZDU 10 BL	blue		**1746760000**
ZDU 10 OR	orange	25	**1830610000**
ZDU 10/3AN			
ZDU 10/3AN BL	blue		**1767700000**

Terminals, W-Series

Terminals, W-Series	Overview W-Series	D.2
	Feed-through terminals	D.4
	Double-level terminals	D. 16
	PE terminals	D. 22
	Fuse terminals	D. 32
	Test-disconnect terminals	D. 54
	Earth wire disconnect terminals	D. 77
	Installation terminals	D. 78
	Terminals with spring-loaded cable clamps	D. 86
	Initiator and actuator terminals	D. 92
	Motor connection terminals	D. 96
	Plug-in modular terminals	D. 98
	Multi-functional terminals	D. 104
	Terminals for temperature measuring circuits	D. 114
	Terminals for retrofitting of electronic components	D. 115
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Terminals, TS 15	Mini terminals TS 15	D. 130
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Stud terminals	Overview Stud terminals	D. 140
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Terminals, SAK-Series	Overview SAK-Series	D. 184

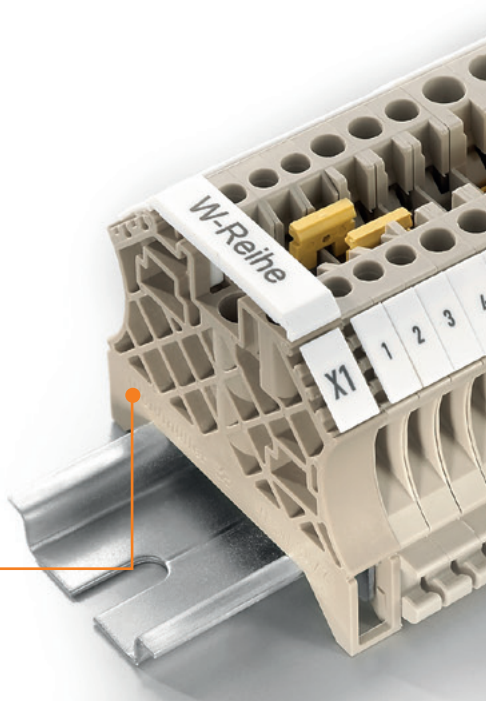
Terminal blocks with clamping yoke and screw connection system

High contact reliability for all standard electrical functions

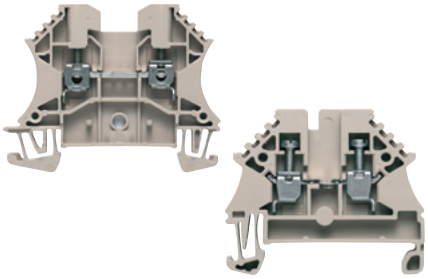
For a long time now, Weidmüller's W-Series terminal with screw clamp connection technology, has set the standard.

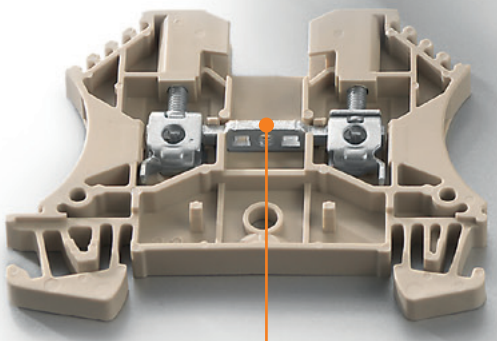
The W-Series offers solutions for conductor cross-sections between 0.05 and 300 mm². The cross-connectors are pluggable (ZQV) or screwable (WQV) in a terminal block. The combination of benefits is unequalled and puts the W-Series in a leading position on the market.

Thanks to the patented design of Weidmüller's W-Series screw connection technology, it is possible for two conductors of the same cross-section to be connected in one and the same clamping point without difficulty.

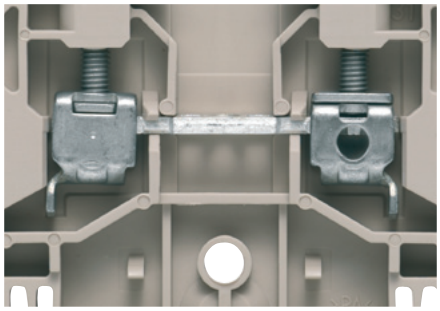


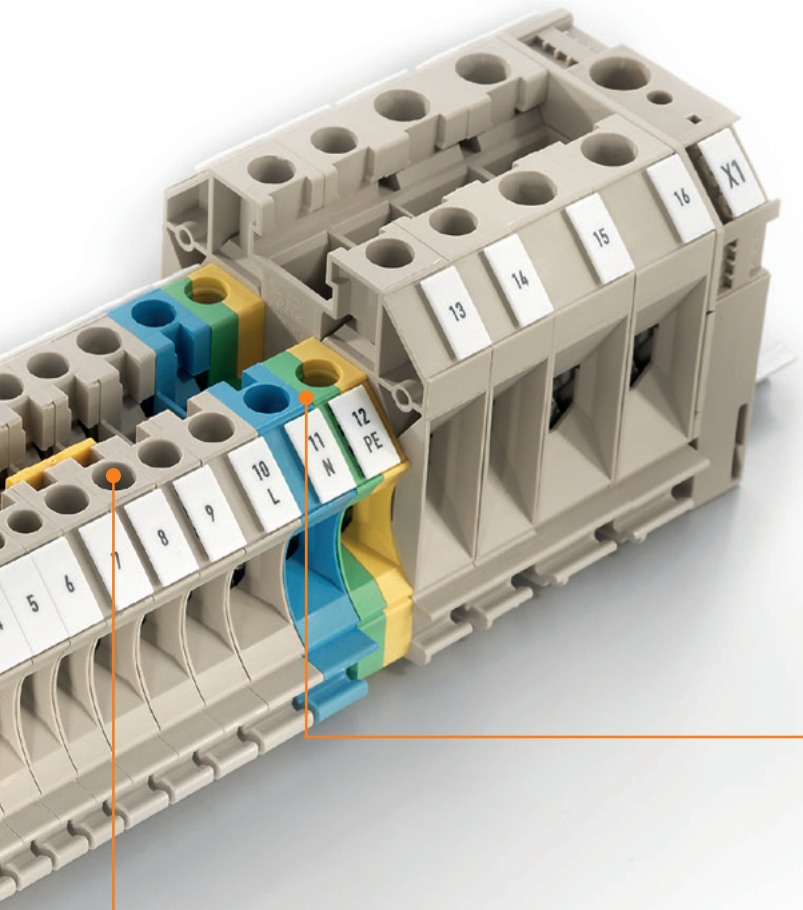
Designs
The W-Series is offered in standard and compact designs. The compact design is impressive with its small size for the design cross-sectional capacity.



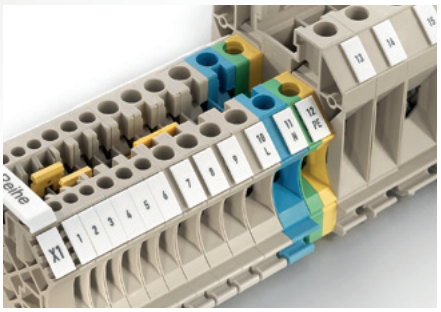


Connections proven a million times
The terminal unit consists of hardened steel, for very high contact force. The busbar is made of copper, which gives a low voltage drop. The tin-plated surface ensures minimum contact resistances.

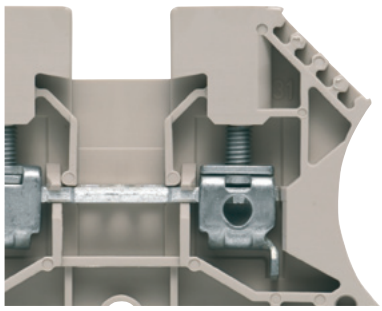




Efficiency thanks to equal contours
Uniform size of the terminal block bodies from 2.5 to 10 mm² means fewer accessories, lowers the cost, offers logistical advantages and enables simple installation.



Safe operation
The terminal blocks are supplied with open clamping units, this enables quick assembly. In addition, the misplugging safeguard prevents conductors from being inserted incorrectly. Embossing on the clamping yoke and current bar engage so that even the smallest conductors are reliably contacted; large conductors and also 2 conductors are gripped in the middle.



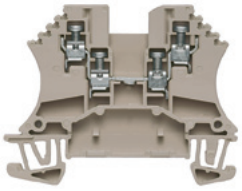
Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

WDU 1.5/ZZ — 1.5 mm²

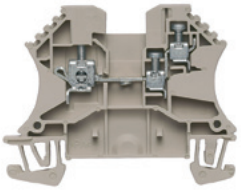
Twin connection



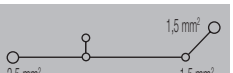
5.1 x 60 x 47
23 / 2.5
0.13...2.5

WDU 2.5/1.5/ZR — 2.5 mm²

Supplementary connection, right



5.1 x 60 x 47
32 / 4
0.05...4



Technical data

Rated data				
IEC 60947-7-1			Ex e II	II 2 G D
IEC	UL	CSA	EN 60079-7	
800	300 (C)	300 (C)	550	
17.5	25 (C)	10 (C)	15	
1.5	AWG 22...12	AWG 26...12	1.5	
Rated impulse withstand voltage / Pollution severity	8 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94	A1 / V-0			
Approvals	KEMA 98ATEX1685 U			
Clamped conductors (H05V/H07V)	**Rated connection**	**Further connection**		
Solid / stranded mm²	0.5...2.5 / 0.5...2.5	0.5...2.5		
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5		
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size mm/-	7 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded mm²	0.5...1			
Flexible / Flexible with ferrule mm²	0.5...1 / 0.5...0.75			
Note	Note the max. current of the terminal (23 A) when using the WQV cross-connector!			

Rated data				
IEC 60947-7-1			Ex e II	II 2 G D
IEC	UL	CSA	EN 60079-7	
800	300 (C)	300 (C)	550	
24	20 (C)	20 (C)	21	
2.5	AWG 30...12	AWG 26...14	2.5	
Rated impulse withstand voltage / Pollution severity	8 kV / 3			
Gauge to IEC 60947-1 / Flammability class UL94	A3, A1 / V-0			
Approvals	KEMA 98ATEX1685 U			
Clamped conductors (H05V/H07V)	**Rated connection**	**Further connection**		
Solid / stranded mm²	0.5...4 / 1.5...4	0.5...4		
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...0.5 / 0.5...2.5		
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded mm²	0.5...1			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5			
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDU 1.5/ZZ	100	1031400000
Blue Wemid	WDU 1.5/ZZ BL	100	1031480000
Note			

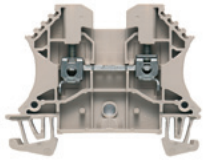
Version	Type	Qty.	Order No.
Dark beige Wemid	WDU 2.5/1.5/ZR	100	1024700000
Blue Wemid	WDU 2.5/1.5/ZR BL	100	1024780000
Note	The rated voltage is 400 V when using ZQV cross-connection, additional connection (right 1.5 mm²).		

Accessories

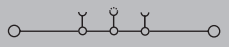
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	1053660000
3-pole	WQV 2.5/3	32 A	50	1053760000
4-pole	WQV 2.5/4	32 A	50	1053860000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate	**Width**			
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	1050000000
Blue Wemid	WAP 2.5-10 BL	1.5 mm	50	1050080000
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Dark beige Wemid				
Testing / Checking				
Standard	WTA 2 WDU2.5-10	5 mm	25	1632320000
With assembly peg	WTA 2/ZA WDU2.5-10	5 mm	25	1632330000
Cover				
With lightning flash symbol	WAD 4 GE BED	4.5 mm	50	1072000000
Blank, white	WAD 4 WS	4.5 mm	50	1072100000
Blank, yellow				
Identification systems (see assortment in catalogue 7)	DEK 5/5 / WS 12/5			
Marking tags				
Note	Socket and test plug, see section "W-Series accessories".			

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	1053660000
3-pole	WQV 2.5/3	32 A	50	1053760000
4-pole	WQV 2.5/4	32 A	50	1053860000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate	**Width**			
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	1050000000
Blue Wemid	WAP 2.5-10 BL	1.5 mm	50	1050080000
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Dark beige Wemid				
Testing / Checking				
Standard	WTA 2 WDU2.5-10	5 mm	25	1632320000
With assembly peg	WTA 2/ZA WDU2.5-10	5 mm	25	1632330000
Cover				
With lightning flash symbol				
Blank, white				
Blank, yellow				
Identification systems (see assortment in catalogue 7)	DEK 5/5 / WS 12/5			
Marking tags				
Note	Use a 2.5 / 1 mm² conductor when using the WQB.			

WDU 2.5 — 2.5 mm²



5.1 x 60 x 47
32 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	25 (C)	20 (C)	21
2.5	AWG 30...12	AWG 26...12	2.5
	8 kV / 3		
	A3 / V-0		

KEMA 98ATEX1683 U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 2.5	100	1020000000
WDU 2.5 BL	100	1020080000

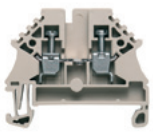
Rated voltage is 400 V when using cross-connection ZQV
Refer to the W-Series Accessories section for colour versions.

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
WEW 35/2	8 mm	100	1061200000
WTA 2 WDU2.5-10	5 mm	25	1632320000
WTA 2/ZA WDU2.5-10	5 mm	25	1632330000
WAD 5 MC NE WS	5 mm	48	1112910000
WAD 5 MC NE GE	5 mm	48	1112920000
DEK 5/5 / WS 12/5			

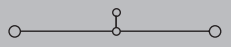
Ensure 2.5 mm² max. when using the WQB. Only 400 V when using the shielding rail LS 2,8 1056400000.

WDU 2.5N — 2.5 mm²

With screwable cross-connection
Compact design



5.1 x 44 x 37.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (D)	300 (D)	440
24	10 (D)	10 (D)	21
2.5	AWG 22...12	AWG 26...12	2.5
	6 kV / 3		
	A3 / V-0		

KEMA 98ATEX1683 U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 2.5N	100	1023700000
WDU 2.5N BL	100	1023780000

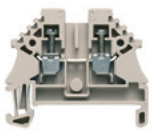
Colour variants listed under the W-Series accessories section, "Specific functions".

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
	Width		
WAP WDU2.5N/4N	1.5 mm	50	1060000000
WAP WDU2.5N/4N BL	1.5 mm	50	1060080000
EW 35	8.5 mm	50	0383560000
WTA 1 WDU1.5	5 mm	25	1632290000
WTA 1/ZA WDU1.5	5 mm	25	1632300000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000
DEK 5/5 / WS 12/5			

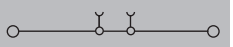
Socket and test plug, see section "W-Series accessories".

WDU 2.5N/ZQV — 2.5 mm²

With pluggable cross-connection
Compact design



5.1 x 44 x 37.5
32 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	300 (C)
24	25 (C)	25 (C)
2.5	AWG 22...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 2.5N ZQV	100	1040800000
WDU 2.5N ZQV BL	100	1040880000

Rated voltage is 400 V when using the ZQV cross-connector.

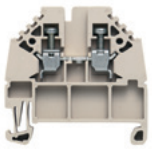
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
	Width		
WAP WDU2.5N/4N	1.5 mm	50	1060000000
WAP WDU2.5N/4N BL	1.5 mm	50	1060080000
EW 35	8.5 mm	50	0383560000
WTA 1 WDU1.5	5 mm	25	1632290000
WTA 1/ZA WDU1.5	5 mm	25	1632300000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000
DEK 5/5 / WS 12/5			

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

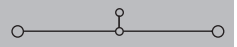
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDU 2.5N/600 UL — 2.5 mm²

600V UL/CSA
Compact design



Width/Length/Height of lowest version	5.1 x 44 x 43.5
max. current / max. cond. cross-section	**32 / 4**
Max. clamping range	**0.05...4**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA
Rated voltage	800	600 (C)	600 (C)
Rated current	24	25 (C)	20 (C)
Rated cross-section	2.5	AWG 22...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	
Approvals			

Clamped conductors (H05V/H07V)	Rated connection	Further connection
Solid / stranded	0.5...4 / 1.5...4	
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5	
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)	
Stripping length / Blade size	10 / 0.6 x 3.5 mm	
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	0.5...1.5	
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...1.5	

Note

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDU 2.5N/600UL	100	**1730940000**
Blue Wemid			

Note

Accessories

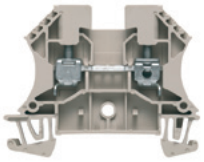
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
20-/24-pole				
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	**1053660000**
3-pole	WQV 2.5/3	32 A	50	**1053760000**
4-pole	WQV 2.5/4	32 A	50	**1053860000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WDU2.5N/4N	1.5 mm	50	**1060000000**
Blue Wemid	WAP WDU2.5N/4N BL	1.5 mm	50	**1060080000**
Dark beige Wemid				
Blue Wemid				
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Dark beige Wemid				
Testing / Checking				
Standard	WTA 1 WDU1.5	5 mm	25	**1632290000**
With assembly peg	WTA 1/ZA WDU1.5	5 mm	25	**1632300000**
Cover				
With lightning flash symbol	WAD 4 GE BED	4.5 mm	50	**1072000000**
Blank, white	WAD 4 WS	4.5 mm	50	**1072100000**
Blank, yellow				

Identification systems	(see assortment in catalogue 7)
Marking tags	DEK 5/5 / WS 12/5

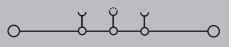
Note

Socket and test plug, see section "W-Series accessories".

WDU 4 — 4 mm²



6.1 x 60 x 47	
41 / 6	
0.13...6	



IEC 60947-7-1 — Ex e II — II 2 G D

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	800	600 (C)	600 (C)	690
Rated current	32	35 (C)	35 (C)	28
Rated cross-section	4	AWG 22...10	AWG 26...10	4
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A4 / V-0		
Approvals				KEMA 98ATEX1683 U

Clamped conductors (H05V/H07V)	Rated connection	Further connection
Solid / stranded	0.5...6 / 1.5...6	
Flexible / Flexible with ferrule	0.5...6 / 0.5...4	
Tightening torque range (terminal screw)	0.5...1 Nm (M 3)	
Stripping length / Blade size	10 / 0.6 x 3.5 mm	
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	0.5...2.5	
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...1.5	

Note

Rated voltage is 400 V when using the ZQV cross-connector.
Note max. current of terminal (41 A) when using WQV!

Ordering data

Type	Qty.	Order No.
WDU 4	100	**1020100000**
WDU 4 BL	100	**1020180000**

1000 V DC rated voltage tested.
Refer to the W-Series Accessories section for colour versions.

Accessories

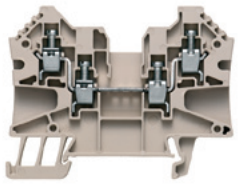
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	**1758250000**
ZQV 4N/3 GE	32 A	60	**1762630000**
ZQV 4N/4 GE	32 A	60	**1762620000**
ZQV 4N/10 GE	32 A	20	**1758260000**
ZQV 4N/20 GE	32 A	20	**1909020000**
WQV 4/2	32 A	50	**1051960000**
WQV 4/3	32 A	50	**1054560000**
WQV 4/4	32 A	50	**1054660000**
WQV 4/10	41 A	20	**1052060000**
Width			
WAP 2.5-10	1.5 mm	50	**1050000000**
WAP 2.5-10 BL	1.5 mm	50	**1050080000**
WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
WEW 35/2	8 mm	100	**1061200000**
WTA 3 WDU4	6 mm	25	**1632350000**
WTA 3/ZA WDU4	6 mm	25	**1632360000**
WAD 5 MC NE WS	5 mm	48	**1112910000**
WAD 5 MC NE GE	5 mm	48	**1112920000**

WS 12/6

Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2,8 1056400000.

WDU 4/ZZ — 4 mm²

Twin connection



6.1 x 70 x 53.5
32 / 6
0.05...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	
32	30 (C)	30 (C)	
4	AWG 30...10	AWG 30...10	4
	8 kV / 3		
	A4 / V-0		

Rated connection	Further connection
0.5...6 / 0.5...6	0.5...6
0.5...4 / 0.5...4	0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4/ZZ	50	1905060000

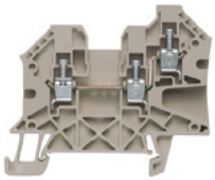
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width			
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000
WEW 35/2	8 mm	100	1061200000

DEK 5/6 / WS 12/6

WDU 4/ZR — 4 mm²

Supplementary connection, right



6.1 x 63.5 x 53.5
32 / 6
0.05...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	
32	30 (C)	30 (C)	
4	AWG 30...10	AWG 30...10	4
	8 kV / 3		
	A4 / V-0		

Rated connection	Further connection
0.5...6 / 0.5...6	0.5...6
0.5...4 / 0.5...4	0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4/ZR	50	1905140000

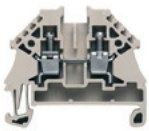
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width			
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000
WEW 35/2	8 mm	100	1061200000

DEK 5/6 / WS 12/6

WDU 4N — 4 mm²

Compact design



6.1 x 44 x 38.5
39 / 6
0.13...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (D)		440
32	10 (D)		27
4	AWG 26...10		4
	6 kV / 3		
	A4 / V-0		

KEMA 98ATEX1683 U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 Nm (M 3)	
11 / 0.6 x 3.5 mm	
0.5...1.5	

Type	Qty.	Order No.
WDU 4N	100	1042600000
WDU 4N BL	100	1042680000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

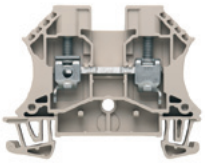
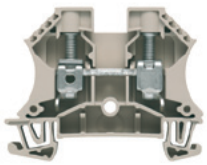
Width			
WAP WDU2.5N/4N	1.5 mm	50	1060000000
WAP WDU2.5N/4N BL	1.5 mm	50	1060080000

WTA 1 WDU1.5	5 mm	25	1632290000
WTA 1/ZA WDU1.5	5 mm	25	1632300000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

DEK 5/6 / WS 12/6

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WDU 6	WDU 10
	6 mm²	10 mm²
		
Width/Length/Height of lowest version mm	7.9 x 60 x 47	9.9 x 60 x 47
max. current / max. cond. cross-section A/mm²	**57 / 10**	**76 / 16**
Max. clamping range mm²	**0.22...10**	**1.31...16**

Technical data

	WDU 6	WDU 10
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex e II II 2 G D	Ex e II II 2 G D
Rated cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / Flammability class UL94		
Approvals		

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550	1000	600 (C)	600 (C)	550
41	50 (C)	50 (C)	36	57	65 (C)	65 (C)	50
6	AWG 22...8	AWG 22...8	6	10	AWG 18...6	AWG 18...6	10
	8 kV / 3				8 kV / 3		
	A5 / V-0				B6 / V-0		

KEMA 98ATEX1683 U — KEMA 98ATEX1683 U

Clamped conductors (H05V/H07V)			
Solid / stranded mm²	**Rated connection**	**Further connection**	
Flexible / Flexible with ferrule mm²	0.5...10 / 1.5...10		
Tightening torque range (terminal screw)	0.5...10 / 0.5...6		
Stripping length / Blade size mm/-	0.8...1.6 Nm (M 3.5)		
	12 / 4.0 x 0.8 mm		
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded mm²	0.5...2.5		
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5		

Clamped conductors (H05V/H07V)			
Solid / stranded mm²	**Rated connection**	**Further connection**	
Flexible / Flexible with ferrule mm²	1.5...16 16		
Tightening torque range (terminal screw)	1.5...16 / 1.5...16		
Stripping length / Blade size mm/-	1.2...2.4 Nm (M 4)		
	12 / 1.0 x 5.5 mm		
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded mm²	1.5...6 / 0.5...6		
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6		

Note

Note max. current of terminal (57 A) when using WQV! Conductor connection H07V-..10 and AWG 8 tighten with 1.4-1.6 Nm.

Note max. current of terminal (76 A) when using WQV. AWG 6/7 and H07V-R16 tighten with 2.4 Nm.

Ordering data

Version	**Type**	**Qty.**	**Order No.**
Dark beige Wemid	WDU 6	100	**1020200000**
Blue Wemid	WDU 6 BL	100	**1020280000**

Note

1000 V DC rated voltage tested.
Refer to the W-Series Accessories section for colour versions.

Type	**Qty.**	**Order No.**
WDU 10	50	**1020300000**
WDU 10 BL	50	**1020380000**

For colour variants, refer to the W-Series accessories section, "Specific functions".

Accessories

Screwable cross-connection	**Type**	**current**	**Qty.**	**Order No.**
2-pole	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Blue Wemid	WAP 2.5-10 BL	1.5 mm	50	**1050080000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
Blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Testing / Checking				
Standard	WTA 5/1	5 mm	25	**1051260000**
Cover				
With lightning flash symbol	WAD 8 MC NE WS	8 mm	48	**1112940000**
Blank, white	WAD 8 MC NE GE	8 mm	48	**1112950000**
Blank, yellow				

Screwable cross-connection	**Type**	**current**	**Qty.**	**Order No.**
2-pole	WQV 10/2	57 A	50	**1052560000**
3-pole	WQV 10/3	57 A	50	**1054960000**
4-pole	WQV 10/4	57 A	50	**1055060000**
10-pole	WQV 10/10	57 A	20	**1052460000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Blue Wemid	WAP 2.5-10 BL	1.5 mm	50	**1050080000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
Blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Testing / Checking				
Standard	WTA 5/1	5 mm	25	**1051260000**
Cover				
With lightning flash symbol	WAD 8 MC NE WS	8 mm	48	**1112940000**
Blank, white	WAD 8 MC NE GE	8 mm	48	**1112950000**
Blank, yellow				

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/8 / WS 12/6,5	DEK 5/5 / WS 12/6,5

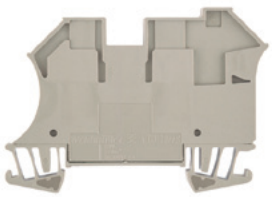
Note

Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2,8 1056400000.

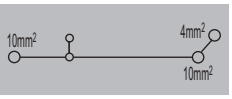
Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2,8 1056400000.

WDU 10/ZR — 10 mm²

Supplementary connection, right (4 mm²)



9.9 x 70 x 49.5
76 / 16
1.31...16



IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	600 (C)
57	65 (C)	65 (C)
10	AWG 16...6	AWG 16...6
	8 kV / 3	
	B6, A4 / V-0	

Rated connection	Further connection
1.5...16 / 1.5...16	0.5...6 / 1.5...4
1...6 / 1.5...16	0.5...4 / 0.5...4
1.2...2.4 Nm (M 4)	
12 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
1.5...6	
1...6 / 1...6	

Note max. current of terminal (76 A) when using WQV. AWG 6/7 and H07V-R16 secured with 2.4 Nm. ZR connection top right A 4.

Type	Qty.	Order No.
WDU 10/ZR	50	**1042400000**
WDU 10/ZR BL	50	**1042480000**

The rated specifications refer to the 10 mm² connection.

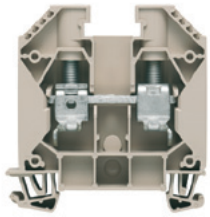
Type	current	Qty.	Order No.
WQV 10/2	57 A	50	**1052560000**
WQV 10/3	57 A	50	**1054960000**
WQV 10/4	57 A	50	**1055060000**
WQV 10/10	57 A	20	**1052460000**
	Width		
WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
WEW 35/2	8 mm	100	**1061200000**
WTA 5/1	5 mm	25	**1051260000**

DEK 5/5 / WS 12/6,5

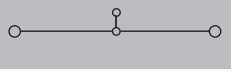
Socket and test plug, see section "W-Series accessories".

WDU 16 — 16 mm²

With peg for higher connection stability



11.9 x 60 x 63
101 / 25
0.82...25



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	690
76	85 (C)	85 (C)	66
16	AWG 18...4	AWG 18...6	16
	8 kV / 3		
	B7 / V-0		

KEMA 98ATEX1683 U

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
3...4 Nm (M 5)	
16 / 1.0 x 5.5 mm	
1.5...4	
1.5...4 / 1.5...4	

Conductor connection H07V-..16 and AWG 6 with tightening torque of 2.0-2.4 Nm.

Type	Qty.	Order No.
WDU 16/ZA	50	**1028900000**
WDU 16/ZA BL	50	**1028980000**

Order no. 1020400000 and 1020480000 (blue) versions without pegs (50 pcs.)

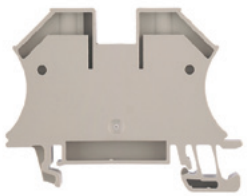
Type	current	Qty.	Order No.
WQV 16/2	76 A	50	**1053260000**
WQV 16/3	76 A	50	**1055160000**
WQV 16/4	76 A	50	**1055260000**
WQV 16/10	76 A	10	**1053360000**
	Width		
WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
WEW 35/1	12 mm	50	**1059000000**
WAD 12 M. BL.	12 mm	50	**1055960000**
WAD 12 NEUTRAL	12 mm	50	**1056260000**

DEK 5/5 / WS 12/6,5

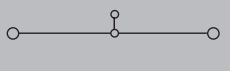
Socket and test plug, see section "W-Series accessories".

WDU 16N — 16 mm²

Suitable for power distribution
Compact design



12 x 60 x 47
101 / 25
1.5...25



IEC 60947-7-1

IEC	UL	CSA
690	300 (C)	300 (C)
76	70 (C)	70 (C)
16	AWG 14...6	AWG 14...6
	8 kV / 3	
	B7 / V-0	

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	
1.2...2.4 Nm (M 4)	
12 / 1.0 x 5.5 mm	
1.5...4	
1.5...4 / 1.5...4	

AWG 6/7 and H07V-R25 tighten with a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WDU 16N	50	**1036100000**
WDU 16N BL	50	**1036180000**

Type	current	Qty.	Order No.
WQV 16N/2	76 A	50	**1636560000**
WQV 16N/3	76 A	50	**1636570000**
WQV 16N/4	76 A	50	**1636580000**
	Width		
WTW EN	3 mm	20	**1058800000**
WEW 35/2	8 mm	100	**1061200000**
WTA 2 WDU2.5-10	5 mm	25	**1632320000**
WAD 12N GE BED	12 mm	50	**1073200000**
WAD 12 NEUTRAL	12 mm	50	**1056260000**

DEK 5/5 / WS 10/12

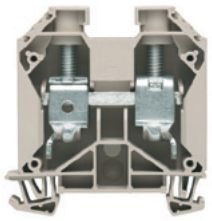
Socket and test plug, see section "W-Series accessories".

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

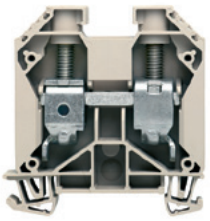
WDU 35 — 35 mm²

Clamping screw / spigot for good connection stability



WDU 35 IK — 35 mm²

Hexagonal socket / spigot for good connection stability



Width/Length/Height of lowest version	mm	16 x 60 x 63
max. current / max. cond. cross-section	A/mm²	**150 / 50**
Max. clamping range	mm²	**2.5...50**

Width/Length/Height of lowest version	mm	16 x 60 x 63
max. current / max. cond. cross-section	A/mm²	**150 / 50**
Max. clamping range	mm²	**2.5...50**

Technical data

Rated data		IEC 60947-7-1		Ex e II	II 2 G D
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000 (C)	1000 (C)	690
Rated current	A	125	150 (C)	150 (C)	109
Rated cross-section	mm²	35	AWG 12...0	AWG 12...2	35
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94			B8 / V-0		
Approvals					KEMA 98ATEX1683 U
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**	
Solid / stranded	mm²	2.5...16 / 2.5...50			
Flexible / Flexible with ferrule	mm²	2.5...35 / 2.5...35			
Tightening torque range (terminal screw)		4...5 Nm (M 6)			
Stripping length / Blade size	mm/-	18 / 6.5 x 1.2 mm			
2 conductors with same cross-section (H05V/H07V)					
Solid / stranded	mm²	2.5...10 / 16...16			
Flexible / Flexible with ferrule	mm²	2.5...16 / 2.5...16			
Note					

Rated data		IEC 60947-7-1		Ex e II	II 2 G D
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	600 (C)	600 (C)	690
Rated current	A	125	150 (C)	120 (C)	109
Rated cross-section	mm²	35	AWG 12...12	AWG 12...2	35
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94			B8 / V-0		
Approvals					KEMA 98ATEX1683 U
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**	
Solid / stranded	mm²	2.5...16 / 2.5...50			
Flexible / Flexible with ferrule	mm²	2.5...35 / 2.5...35			
Tightening torque range (terminal screw)		4...6 Nm (M 6)			
Stripping length / Blade size	mm/-	18 / S6 (DIN 6911)			
2 conductors with same cross-section (H05V/H07V)					
Solid / stranded	mm²	2.5...10 / 16...16			
Flexible / Flexible with ferrule	mm²	2.5...16 / 2.5...16			
Note					

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDU 35/ZA	40	**1028800000**
Blue Wemid	WDU 35/ZA BL	40	**1028880000**
Note	Order no. 1020500000 and 1020580000 (blue) versions without pegs (40 pcs.)		

Version	Type	Qty.	Order No.
	WDU 35/IK/ZA	25	**1029000000**
	Order no. 1020600000 and 1020680000 (blue) versions without pegs (25 pcs.)		

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 35/2	135 A	50	**1053060000**
3-pole	WQV 35/3	112 A	50	**1055360000**
4-pole	WQV 35/4	112 A	50	**1055460000**
10-pole	WQV 35/10	112 A	10	**1053160000**
End plate / Partition plate		**Width**		
Dark beige Wemid				
Blue Wemid				
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
Blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
End bracket				
Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**
Testing / Checking				
Standard				
Cover				
With lightning flash symbol	WAD 12 M. BL.	12 mm	50	**1055960000**
Blank, white	WAD 12 NEUTRAL	12 mm	50	**1056260000**
Blank, yellow				

Screwable cross-connection	Type	current	Qty.	Order No.
	WQV 35/2	135 A	50	**1053060000**
	WQV 35/3	112 A	50	**1055360000**
	WQV 35/4	112 A	50	**1055460000**
	WQV 35/10	112 A	10	**1053160000**
	Width			
	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
	WEW 35/1	12 mm	50	**1059000000**
	WAD 12 M. BL.	12 mm	50	**1055960000**
	WAD 12 NEUTRAL	12 mm	50	**1056260000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 12/6,5
Note	Socket and test plug, see section "W-Series accessories".

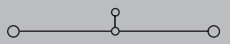
	DEK 5/5 / WS 12/6,5
	Socket and test plug, see section "W-Series accessories".

WDU 35N

35 mm²

Suitable for power distribution
Compact design

16 x 66 x 51
150 / 50
2.5...50



IEC 60947-7-1

IEC	UL	CSA
500	1000 (C)	300 (D)
125	150 (C)	10 (D)
35	AWG 12...0	AWG 12...2
	6 kV / 3	
	B8 / V-0	

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 Nm (M 6)	
18 / 6.5 x 1.2 mm	
2.5...6	
2.5...6 / 2.5...6	

Type	Qty.	Order No.
WDU 35N	20	**1040400000**
WDU 35N BL	20	**1040480000**

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQV 35N/2	135 A	20	**1079200000**
WQV 35N/3	101 A	20	**1079300000**
WQV 35N/4	101 A	20	**1079400000**
	Width		
WTW EN	3 mm	20	**1058800000**
WEW 35/2	8 mm	100	**1061200000**
WAD 16N GE BED	15.8 mm	50	**1083600000**

DEK 5/5 / WS 12/6,5

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDU 50N — 50 mm²

Compact design

Width/Length/Height of lowest version	18.5 x 70 x 70.6
max. current / max. cond. cross-section	**192 / 70**
Max. clamping range	**10…70**

WDU 50N IR — 50 mm²

Six-lobe socket

NEW

Width/Length/Height of lowest version	18.5 x 70 x 70.6
max. current / max. cond. cross-section	**192 / 70**
Max. clamping range	**10…70**

Technical data

Rated data		WDU 50N	WDU 50N IR
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex e II II 2 G D	
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity		IEC: 1000 / UL: 600 (C) / CSA: 600 (C) / EN 60079-7: 690	IEC: 1000 / UL: / CSA:
Gauge to IEC 60947-7-1 / Flammability class UL94		150 / 150 (C) / 150 (C) / 126	150 / / /
Approvals		50 / AWG 10…0 / AWG 8…0 / 50	50 / / /
Clamped conductors (H05V/H07V)		8 kV / 3	8 kV / 3
Solid / stranded	mm²	B10 / V-0	B10 / V-0
Flexible / Flexible with ferrule	mm²	KEMA 98ATEX1685 U	
Tightening torque range (terminal screw)		**Rated connection** / **Further connection**	**Rated connection** / **Further connection**
Stripping length / Blade size	mm/-	10…16 / 10…70	10…16 / 10…70
2 conductors with same cross-section (H05V/H07V)		10…50 / 10…50	10…50 / 10…50
Solid / stranded	mm²	3.5…6 Nm (M 6)	3…6 Nm (M 6)
Flexible / Flexible with ferrule	mm²	24 / S4 (DIN 6911)	24 /
		…16 / 6…16	…16 / 6…16
		6…16 / 6…16	6…16 / 6…16
Note		Copper straps can be used; see online catalogue for possible connections.	

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDU 50N	10	**1820840000**
Blue Wemid	WDU 50N BL	10	**1820850000**
Note	1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

Type	Qty.	Order No.
WDU 50N IR	10	**1186630000**
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

Accessories

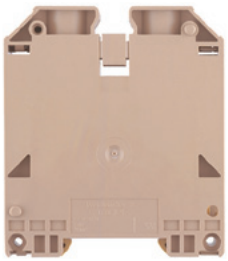
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 50N/2	150 A	5	**1834060000**
3-pole	WQV 50N/3	150 A	5	**1834070000**
4-pole	WQV 50N/4	150 A	5	**1834080000**
End bracket		**Width**		
Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**
Cover				
With lightning flash symbol	WAD 20 GE WSD	18 mm	10	**9512260000**
Additional connection				
10 mm²	WZAD 50N	12.5 mm	5	**1872720000**

Type	current	Qty.	Order No.
WQV 50N/2	150 A	5	**1834060000**
WQV 50N/3	150 A	5	**1834070000**
WQV 50N/4	150 A	5	**1834080000**
Width			
WEW 35/1	12 mm	50	**1059000000**
WAD 20 GE WSD	18 mm	10	**9512260000**
WZAD 50N	12.5 mm	5	**1872720000**

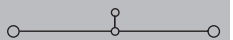
Identification systems (see assortment in catalogue 7)	WDU 50N	WDU 50N IR
Marking tags	DEK 5/5 / WS 12/6,5	DEK 5/5 / WS 12/6,5
Note	Auxiliary connection for additional conductor "WZAD 50N" 1872720000 (up to 10 mm², 41 A).	

WDU 70N — 70 mm²

Compact design



20.5 x 75 x 86
232 / 95
10...95



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	690
192	195 (C)	205 (C)	167
70	AWG 6...000	AWG 6...000	70
8 kV / 3			
B11 / V-0			
KEMA 98ATEX1683 U			

Rated connection	Further connection
10...16 / 10...95	
10...70 / 10...70	
6...12 Nm (M 8)	
22 / S6 (DIN 6911)	
10...16 / 10...	
10...25 / 6...25	

Copper straps can be used; see online catalogue for possible connections.

Type	Qty.	Order No.
WDU 70N/35	10	**9512190000**
WDU 70N/35 BL	10	**9512420000**

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQV 70N/2	192 A	5	**9512240000**
WQV 70N/3	192 A	5	**9512250000**
WQV 70N/4	192 A	5	**9531290000**
	Width		
WEW 35/1	12 mm	50	**1059000000**
WAD 20 GE WSD	18 mm	10	**9512260000**
WZAD 70N	12.5 mm	5	**1964830000**

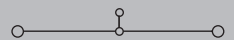
DEK 5/5 / WS 12/6,5

Auxiliary connection for additional conductor "WZAD 70N" 1964830000 (up to 10 mm², 41 A).

WDU 95N/120N — 120 mm²

Compact design

27 x 91 x 91
290 / 150
16...150



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	1000 (C)	880
269	228 (C)	220 (C)	243
120	AWG 4...250	AWG 4...0000	120
8 kV / 3			
B13 / V-0			
KEMA 98ATEX1683 U			

Rated connection	Further connection
16...16 / 16...150	
16...120 / 16...95	
12...20 Nm M 10	
27 / S6 (DIN 6911)	
16...16 / 10...35	
16...35 / 10...35	

Copper strips can be used. See online cat. When connecting AWG conductor of 250 kcmil, use stripping length 30 mm and tightening torque 16 Nm.

Type	Qty.	Order No.
WDU 95N/120N	5	**1820550000**
WDU 95N/120N BL	5	**1820560000**

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

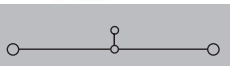
Type	current	Qty.	Order No.
WQV 95/120/2	269 A	5	**1826890000**
WQV 95/120/3	269 A	5	**1826900000**
WQV 95/120/4	269 A	5	**1826910000**
	Width		
WEW 35/1	12 mm	50	**1059000000**
WAD 20 GE WSD	18 mm	10	**9512260000**
WZAD 95N/120N	12.5 mm	5	**1859580000**

DEK 5/5 / WS 12/6,5

Auxiliary connection for additional conductor "WZAD 95N/120N" 1859580000 (up to 10 mm², 41 A).

WDU 240 — 240 mm²

36 x 100 x 124
415 / 240
70...240



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	1100
415	380 (C)	400 (C)	300
240		AWG 0...500	240
8 kV / 3			
B15 / V-0			
KEMA 01ATEX2186 U			

Rated connection	Further connection
70...240 / 70...240	
70...240 / 70...185	
25...30 Nm M 10	
40 / S8 (DIN 6911)	
/ 35...95	
50...95 / 35...50	

Copper straps can be used; see online catalogue for possible connections.

Type	Qty.	Order No.
WDU 240	2	**1802780000**
WDU 240 BL	2	**1822210000**

Type	current	Qty.	Order No.
WQB 240/2	320 A	5	**1802790000**
WQB 240/3	320 A	5	**1802800000**
	Width		
WEW 35/1	12 mm	50	**1059000000**
WZAD 240	10.15 mm	5	**1802810000**

DEK 5/5 / WS 12/6,5

Aux. connection for extra conductor "WZAD 240", Order no. 180281000 (up to 10 mm², 57 A) ELPF insertion profile, for ribbon cable, Order no. 1824680000.

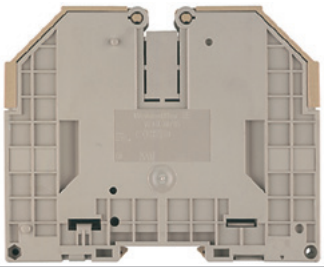
Wires with large cross-sections do not need forceful pushing in. Instead they can be simply inserted into the terminal block.
Direct mounting is possible using the elongated slots in the bottom of the terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

WDU 70/95 — 95 mm²

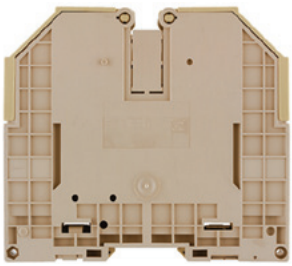
Conductor can be inserted from above / leaf spring



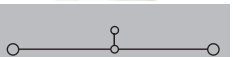
27 x 132 x 115.5
232 / 120
13.3...120

WDU 120/150 — 150 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 125.5
309 / 150
33.63...150



Technical data

Rated data		WDU 70/95	WDU 120/150
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex e II II 2 G D	Ex e II II 2 G D
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	690
232	175 (C)	205 (C)	202
95	AWG 6...00	AWG 6...00	95
	8 kV / 3		
	B12 / V-0		
	KEMA 98ATEX1686 U		

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
309	225 (C)	285 (C)	234
150	AWG 2...250	AWG 2...250	150
	8 kV / 3		
	B13 / V-0		
	KEMA 98ATEX1686 U		

Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	16...16 / 16...120	/ 35...150
Flexible / Flexible with ferrule	mm²	16...95 / 16...95	35...150 / 35...150
Tightening torque range (terminal screw)		6...12 Nm (M 8)	10...20 Nm M 10
Stripping length / Blade size	mm/-	30 / S6 (DIN 6911)	35 / S6 (DIN 6911)
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded	mm²	16...16 / 16...35	...16 / 35...70
Flexible / Flexible with ferrule	mm²	16...35 / 16...35	35...70 / 35...70

Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...95	
6...12 Nm (M 8)	
30 / S6 (DIN 6911)	
16...16 / 16...35	
16...35 / 16...35	

Rated connection	Further connection
/ 35...150	
35...150 / 35...150	
10...20 Nm M 10	
35 / S6 (DIN 6911)	
...16 / 35...70	
35...70 / 35...70	

Note

Ordering data

Version	WDU 70/95			WDU 120/150		
	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WDU 70/95	10	1024600000	WDU 120/150	10	1024500000
Blue Wemid	WDU 70/95 BL	10	1024680000	WDU 120/150 BL	10	1024580000

Note

Refer to the online catalogue for information on the ribbon cable. Refer to the W-Series accessories section for information on direct mounting.

Refer to the online catalogue for information on the ribbon cable. Refer to the W-Series accessories section for information on direct mounting.

Accessories

Screwable cross-connection		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
	2-pole	WQV 70/95/2	192 A	5	1063500000	WQV 120/2	269 A	5	1063300000
	3-pole	WQV 70/95/3	232 A	5	1063600000	WQV 120/3	269 A	5	1063400000
End bracket			**Width**				**Width**		
	Dark beige Wemid	WEW 35/1	12 mm	50	1059000000	WEW 35/1	12 mm	50	1059000000
Cover		WAD 27 M. BL.	27 mm	10	1062860000	WAD 27 M. BL.	27 mm	10	1062860000
	With lightning flash symbol	WAD 27 NEUTRAL	27 mm	10	1062960000	WAD 27 NEUTRAL	27 mm	10	1062960000
	Blank, white								
Additional connection		WZAD 70/95	19.7 mm	10	1066000000	WZA D120	24 mm	10	1066100000
	4 mm²								

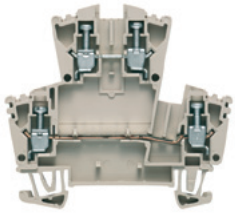
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 12/6,5	DEK 5/5 / WS 12/6,5
Note	Auxiliary connection for the additional conductor "WZAD 70", Order no. 1066000000 (up to 4 mm², 32 A).	Auxiliary connection for the additional conductor "WZAD 120", Order no. 1066100000 (up to 4 mm², 32 A).

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

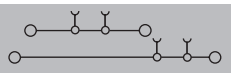
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDK 2.5 ZQV — 2.5 mm²

Plug-in cross-connection

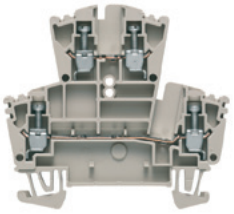


Width/Length/Height of lowest version	5.1 x 65.4 x 63.5 mm
max. current / max. cond. cross-section	32 / 4 A/mm²
Max. clamping range	0.05...4 mm²

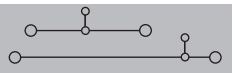


WDK 2.5 — 2.5 mm²

Screwable cross-connection



Width/Length/Height of lowest version	5.1 x 69 x 63.5 mm
max. current / max. cond. cross-section	32 / 4 A/mm²
Max. clamping range	0.05...4 mm²



Technical data

Rated data	WDK 2.5 ZQV	WDK 2.5
Rated voltage	IEC 60947-7-1	IEC 60947-7-1
Rated current	Ex e II II 2 G D	Ex e II II 2 G D
Rated cross-section		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / Flammability class UL94		
Approvals		KEMA 98ATEX1687 U

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
400	300 (C)	300 (C)	275	400	300 (C)	300 (C)	275
24	20 (C)	25 (C)	21	24	20 (C)	10 (C)	21
2.5	AWG 30...12	AWG 26...12	2.5	2.5	AWG 30...12	AWG 26...12	2.5
	6 kV / 3				6 kV / 3		
	A3 / V-0				A3 / V-0		

	WDK 2.5 ZQV	WDK 2.5
Clamped conductors (H05V/H07V)		
Solid / stranded	0.5...4 / 1.5...4 mm²	0.5...4 / 1.5...4 mm²
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5 mm²	0.5...4 / 0.5...2.5 mm²
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size	10 / 0.6 x 3.5 mm mm/-	10 / 0.6 x 3.5 mm mm/-
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	0.5...1.5 mm²	0.5...1.5 mm²
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...1.5 mm²	0.5...1.5 / 0.5...1.5 mm²
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5 ZQV	100	1041100000
Blue Wemid	WDK 2.5 ZQV BL	100	1041180000
Note	Rated voltage is 400 V when using cross-connection ZQV Refer to the W-Series Accessories section for colour versions.		

Type	Qty.	Order No.
WDK 2.5	100	1021500000
WDK 2.5 BL	100	1021580000
For colour variants, refer to the W-Series accessories section, "Specific functions"		

Accessories

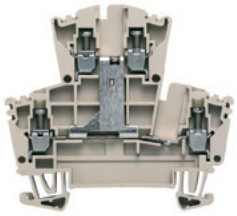
	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000
Screwable cross-connection				
2-pole				
3-pole				
4-pole				
10-pole				
End plate / Partition plate		Width		
Dark beige Wemid	WAP WDK2.5	1.5 mm	20	1059100000
Blue Wemid	WAP WDK2.5 BL	1.5 mm	20	1059180000
Dark beige Wemid	WTW EN	3 mm	20	1058800000
End bracket				
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000
Screwdriver				
Standard				
Cover				
With lightning flash symbol	WAD 4 GE BED	4.5 mm	50	1072000000
Blank, white	WAD 4 WS	4.5 mm	50	1072100000

	Type	current	Qty.	Order No.
	WQV 2.5/2	32 A	50	1053660000
	WQV 2.5/3	32 A	50	1053760000
	WQV 2.5/4	32 A	50	1053860000
	WQV 2.5/10	32 A	20	1054460000
	Width			
	WAP WDK2.5	1.5 mm	20	1059100000
	WAP WDK2.5 BL	1.5 mm	20	1059180000
	WTW EN	3 mm	20	1058800000
	WEW 35/1	12 mm	50	1059000000
	WAD 4 GE BED	4.5 mm	50	1072000000
	WAD 4 WS	4.5 mm	50	1072100000

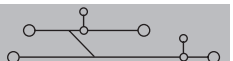
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note	Test plug and socket, see section "W-Series accessories" Ensure 2.5 mm² max. when using the WQB.	Test plug and socket, see section "W-Series accessories" Ensure 2.5 mm² max. when using the WQB.

WDK 2.5 V — 2.5 mm²

Both levels at one potential



5.1 x 69.5 x 63.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	600 (C)	300 (C)	275
24	20 (C)	10 (C)	21
2.5	AWG 22...12	AWG 26...12	2.5
	6 kV / 3		
	A3 / V-0		
			KEMA 98ATEX1687 U

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WDK 2.5V	100	**1022300000**
WDK 2.5V BL	100	**1022380000**

For colour variants, refer to the section on W-Series accessories, "Specific functions"

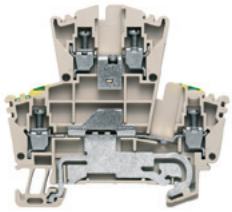
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/3	32 A	50	**1053760000**
WQV 2.5/4	32 A	50	**1053860000**
WQV 2.5/10	32 A	20	**1054460000**
	Width		
WAP WDK2.5	1.5 mm	20	**1059100000**
WAP WDK2.5 BL	1.5 mm	20	**1059180000**
WTW EN	3 mm	20	**1058800000**
WEW 35/1	12 mm	50	**1059000000**
WAD 4 GE BED	4.5 mm	50	**1072000000**
WAD 4 WS	4.5 mm	50	**1072100000**

DEK 5/5 / WS 8/5

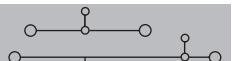
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

WDK 2.5 DU-PE — 2.5 mm²

Lower level earthed on terminal rail



5.1 x 69.5 x 63.5
32 / 4
0.05...4



IEC 60947-7-1 (-7-2) — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300 (C)	300 (D)	275
24	20 (C)	20 (D)	21
2.5	AWG 22...12	AWG 22...12	2.5
	6 kV / 3		
	A3 / V-0		
			KEMA 98ATEX1687 U

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WDK 2.5DU-PE	100	**1036400000**

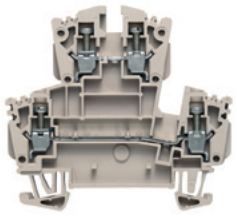
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/3	32 A	50	**1053760000**
WQV 2.5/4	32 A	50	**1053860000**
WQV 2.5/10	32 A	20	**1054460000**
	Width		
WAP WDK2.5	1.5 mm	20	**1059100000**
WAP WDK2.5 BL	1.5 mm	20	**1059180000**
WTW EN	3 mm	20	**1058800000**
WEW 35/1	12 mm	50	**1059000000**
WAD 4 GE BED	4.5 mm	50	**1072000000**
WAD 4 WS	4.5 mm	50	**1072100000**

DEK 5/5 / WS 8/5

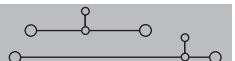
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

WDK 2.5 / 800 V — 2.5 mm²

Rated voltage 800 V



6.1 x 69 x 63.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800			440
24			24
2.5		AWG 26...12	2.5
		8 kV / 3	
		A3 / V-0	
			KEMA 98ATEX1685 U

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDK 2.5/EX	100	**1029100000**

Type	current	Qty.	Order No.
Q 2 AKZ4SS	20 A	50	**0369000000**
Q 10 AKZ4SS	20 A	20	**0369300000**
	Width		
WAP WDK2.5	1.5 mm	20	**1059100000**
WAP WDK2.5 BL	1.5 mm	20	**1059180000**
WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
WEW 35/1	12 mm	50	**1059000000**
WAD 4 GE BED	4.5 mm	50	**1072000000**
WAD 4 WS	4.5 mm	50	**1072100000**

DEK 5/6 / WS 8/5

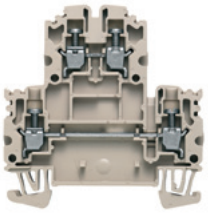
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

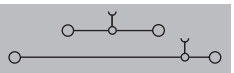
WDK 2.5N — 2.5 mm²

Plug-in cross-connection
Compact design



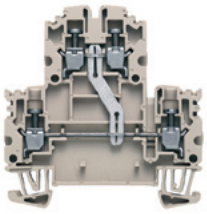
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

5.1 x 60.7 x 62.45
28 / 4
0.05...4



WDK 2.5N V — 2.5 mm²

Both levels at one potential
Compact design



5.1 x 60.7 x 62.45
28 / 4
0.05...4

Technical data

Rated data	WDK 2.5N	WDK 2.5N V
Rated voltage	800 V	800 V
Rated current	24 A	24 A
Rated cross-section	2.5 mm²	2.5 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94	A3 / V-0	A3 / V-0
Approvals	KEMA 00ATEX2061 U	KEMA 00ATEX2061 U
Clamped conductors (H05V/H07V)		
Solid / stranded	0.5...4 / 1.5...4 mm²	0.5...4 / 1.5...4 mm²
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5 mm²	0.5...4 / 0.5...2.5 mm²
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	0.5...1.5 mm²	0.5...1.5 mm²
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...1.5 mm²	0.5...1.5 / 0.5...1.5 mm²
Note	The rated voltage is reduced to 400 V when using the cross-connection ZQV 2.5N.	The rated voltage is reduced to 400 V when using the cross-connection ZQV.

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	300 (C)	550
24	20 (C)	20 (C)	21
2.5	AWG 26...12	AWG 26...12	2.5

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5N	100	1041600000
Blue Wemid	WDK 2.5N BL	100	1041680000

Version	Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5N V	100	1041610000

Accessories

Pluggable cross-connection

Type	current	Qty.	Order No.
2-pole ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole ZQV 2.5N/20 GE	24 A	20	1909000000

Screwable cross-connection

2-pole
3-pole
4-pole
10-pole

End plate / Partition plate

Type	Width	Qty.	Order No.
Dark beige Wemid WAP WDK2.5/4 N	1.5 mm	20	1084000000
Blue Wemid WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
Dark beige Wemid WTW EN	3 mm	20	1058800000

End bracket

Type	Width	Qty.	Order No.
Dark beige Wemid WEW 35/1	12 mm	50	1059000000

Screwdriver

Standard

Cover

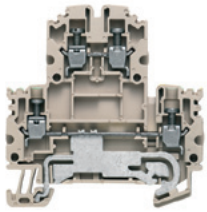
With lightning flash symbol
Blank, white

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 8/5
Note	

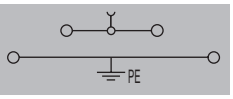
Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 8/5
Note	

WDK 2.5N DU-PE — 2.5 mm²

Lower level earthed on terminal rail
Compact design



5.1 x 60.7 x 62.45
28 / 4
0.05...4



IEC 60947-7-1 (-7-2) — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (D)	550
24	20 (C)	5 (D)	21
2.5	AWG 26...12	AWG 26...12	2.5
	8 kV / 3		
	A3 / V-0		

KEMA 00ATEX2061 U

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

The rated voltage is reduced to 400 V when using the cross-connection ZQV. It is prohibited to connect two conductors via the PE connection!

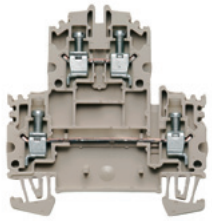
Type	Qty.	Order No.
WDK 2.5N DU-PE	100	1041650000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
	Width		
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000

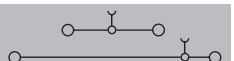
DEK 5/5 / WS 8/5

WDK 4N — 4 mm²

Plug-in cross-connection
Compact design



6.1 x 60 x 64.15
35 / 6
0.13...6



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	300 (C)	550
32	35 (C)	30 (C)	28
4	AWG 26...10	AWG 26...10	4
	8 kV / 3		
	A4 / V-0		

KEMA 00ATEX2061 U

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...1 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Rated voltage: 400 V when using ZQV cross-connection
2 wire H07V-U1.5, tighten with 0.6 Nm.

Type	Qty.	Order No.
WDK 4N	100	1041900000
WDK 4N BL	100	1041980000

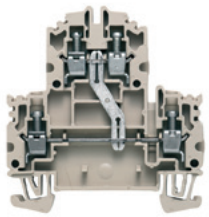
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
	Width		
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000

DEK 5/6 / WS 8/6

Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

WDK 4N V — 4 mm²

Both levels at one potential
Compact design



6.1 x 60.7 x 64.15
35 / 6
0.13...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	300 (C)	550
32	35 (C)	30 (C)	28
4	AWG 26...10	AWG 26...10	4
	8 kV / 3		
	A4 / V-0		

KEMA 00ATEX2061 U

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...1 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Rated voltage: 400 V when using ZQV cross-connection
2 wire H07V-U1.5, tighten with 0.6 Nm.

Type	Qty.	Order No.
WDK 4N V	100	1041910000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
	Width		
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000

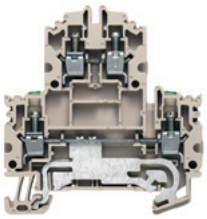
DEK 5/6 / WS 8/6

Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

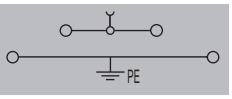
WDK 4N DU-PE — 4 mm²

Lower level earthed on terminal rail
Compact design



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	6.1 x 60.7 x 64.15
max. current / max. cond. cross-section	A/mm²	**35 / 6**
Max. clamping range	mm²	**0.13...6**



Technical data

Rated data		
Rated voltage	V	IEC 60947-7-1 (-7-2)
Rated current	A	
Rated cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / Flammability class UL94		
Approvals		Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	300 (C)	550
32	35 (C)	30 (C)	28
4	AWG 26...10	AWG 26...10	4
	8 kV / 3		
	A4 / V-0		
			KEMA 00ATEX2061 U

Clamped conductors (H05V/H07V)		
Solid / stranded	mm²	0.5...6 / 1.5...6
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	mm²	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5

Note	Rated voltage is 400 V when using the ZQV cross-connector. It is prohibited to connect two conductors via the PE connection!

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDK 4N DU-PE	100	**1041950000**
Blue Wemid			

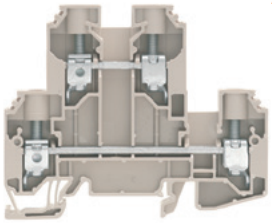
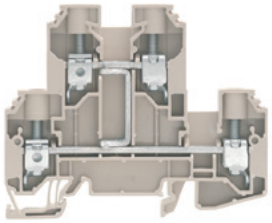
Note	

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2 GE	32 A	60	**1758250000**
3-pole	ZQV 4N/3 GE	32 A	60	**1762630000**
4-pole	ZQV 4N/4 GE	32 A	60	**1762620000**
10-pole	ZQV 4N/10 GE	32 A	20	**1758260000**
20-/24-pole	ZQV 4N/20 GE	32 A	20	**1909020000**
Screwable cross-connection				
2-pole				
3-pole				
4-pole				
10-pole				
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WDK2.5/4 N	1.5 mm	20	**1084000000**
Blue Wemid	WAP WDK2.5/4 N BL	1.5 mm	20	**1084080000**
Dark beige Wemid	WTW EN	3 mm	20	**1058800000**
End bracket				
Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**
Screwdriver				
Standard				
Cover				
With lightning flash symbol				
Blank, white				

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/6 / WS 8/6

Note	Test plug and socket, see section "W-Series accessories" Ensure 2.5 mm² max. when using the WQB.

	WDK 10	WDK 10 V
	10 mm²	10 mm²
	NEW	NEW
		

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	9.9 x 85 x 69.5	9.9 x 85 x 69.5
max. current / max. cond. cross-section	A/mm²	**76 / 16**	**76 / 16**
Max. clamping range	mm²	**1.5...16**	**1.5...16**

Technical data

Rated data		WDK 10	WDK 10 V
		IEC 60947-7-1	IEC 60947-7-1
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage	V	800 / 600 (C) / 600 (C)	800 / 600 (C) / 600 (C)
Rated current	A	57 / 64 (C) / 64 (C)	57 / 49 (C) / 49 (C)
Rated cross-section	mm²	10 / AWG 18...6 / AWG 18...6	10 / AWG 18...6 / AWG 18...6
Rated impulse withstand voltage / Pollution severity		8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		B6 / V-0	B6 / V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	1.5...16 / 1.5...16	1.5...16 / 1.5...16
Flexible / Flexible with ferrule	mm²	1.5...16 / 1.5...16	1.5...16 / 1.5...16
Tightening torque range (terminal screw)		1.5...2.4 Nm (M 4)	1.5...2.4 Nm (M 4)
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Note			

Ordering data

Version	WDK 10			WDK 10 V		
	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WDK 10	50	**1186740000**	WDK 10 V	50	**1186770000**
Blue Wemid	WDK 10 BL	50	**1186750000**	WDK 10 V BL	50	**1186780000**
Note						

Accessories

Pluggable cross-connection	WDK 10				WDK 10 V			
	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole								
3-pole								
4-pole								
10-pole								
20-/24-pole								
Screwable cross-connection								
2-pole	WQV 10/2	57 A	50	**1052560000**	WQV 10/2	57 A	50	**1052560000**
3-pole	WQV 10/3	57 A	50	**1054960000**	WQV 10/3	57 A	50	**1054960000**
4-pole	WQV 10/4	57 A	50	**1055060000**	WQV 10/4	57 A	50	**1055060000**
10-pole	WQV 10/10	57 A	20	**1052460000**	WQV 10/10	57 A	20	**1052460000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDK10	1.5 mm	20	**1186720000**	WAP WDK10	1.5 mm	20	**1186720000**
Blue Wemid	WAP WDK10 BL	1.5 mm	20	**1186730000**	WAP WDK10 BL	1.5 mm	20	**1186730000**
Dark beige Wemid								
End bracket								
Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**	WEW 35/1	12 mm	50	**1059000000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**9008350000**	SDS 1.0X5.5X150		1	**9008350000**
Cover								
With lightning flash symbol								
Blank, white								

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5	DEK 5/5
Note		

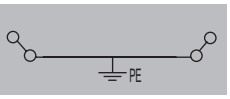
Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WPE 1.5/ZZ — 1.5 mm²

Twin connection

Width/Length/Height of lowest version	5.1 x 60 x 47
max. cond. cross-section	2.5
Max. clamping range	0.13...2.5



Technical data

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 22...14	AWG 26...14	1.5
800			
8			
180 A (1.5 mm²)			
3			
A1 / V-0			

Rated connection	Further connection
0.5...2.5 / 1.5...2.5	0.5...2.5 / 1.5...2.5
0.5...1.5 / 0.5...1.5	
0.4...0.6 Nm (M 2.5)	
0.4...0.6 Nm (M 2.5)	
7 / 0.6 x 3.5 mm	7 / 0.6 x 3.5 mm

Ordering data

Type	Qty.	Order No.
WPE 1.5/ZZ	100	1016500000

Version: green/yellow Wemid

Accessories

Type	current	Qty.	Order No.
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

Pluggable cross-connection: 2-pole, 3-pole, 4-pole, 10-pole, 20-/24-pole

End plate / Partition plate: Dark beige Wemid, Blue Wemid, Dark beige Wemid

End bracket: Dark beige Wemid

Screwdriver: Standard

Identification systems: (see assortment in catalogue 7) Marking tags

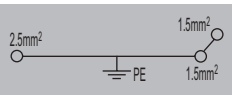
DEK 5/5 / WS 12/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 2.5/1.5/ZR — 2.5 mm²

Supplementary connection, right (1.5 mm²)

Width/Length/Height of lowest version	5.1 x 60 x 47
max. cond. cross-section	4
Max. clamping range	0.05...4



Technical data

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	2.5
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	0.5...2.5
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Ordering data

Type	Qty.	Order No.
WPE 2.5/1.5/ZR	100	1016400000

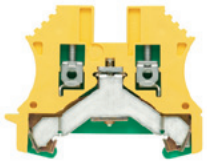
Accessories

Type	current	Qty.	Order No.
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

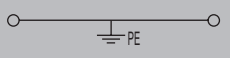
DEK 5/5 / WS 12/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 2.5 — 2.5 mm²



5.1 x 60 x 47
4
0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	2.5
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WPE 2.5	100	**1010000000**

Type	current	Qty.	Order No.
Width			
WAP 2.5-10	1.5 mm	50	**1050000000**
WEW 35/2	8 mm	100	**1061200000**
SDS 0.6X3.5X100		1	**9008330000**

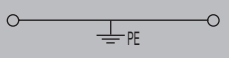
DEK 5/5 / WS 12/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 2.5N — 2.5 mm²

Compact design

5.1 x 54 x 37.5
4
0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5
500			
6			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

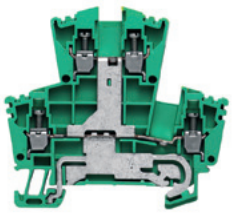
Type	Qty.	Order No.
WPE 2.5N	100	**1016200000**

Type	current	Qty.	Order No.
Width			
WAP WDU2.5N/4N	1.5 mm	50	**1060000000**
WEW 35/2	8 mm	100	**1061200000**
SDS 0.6X3.5X100		1	**9008330000**

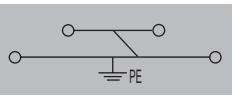
DEK 5/5 / WS 12/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WDK 2.5 PE — 2.5 mm²



5.1 x 69.5 x 63.5
4
0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	2.5
400			
6			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 /	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WDK 2.5PE	100	**1036300000**

Type	current	Qty.	Order No.
Width			
WAP WDK2.5	1.5 mm	20	**1059100000**
WEW 35/2	8 mm	100	**1061200000**
SDS 0.6X3.5X100		1	**9008330000**

DEK 5/5 / WS 8/5

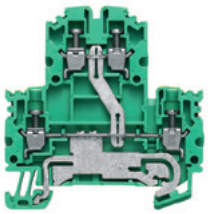
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

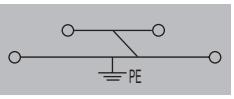
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDK 2.5N PE — 2.5 mm²

Compact design



Width/Length/Height of lowest version	5.1 x 60.7 x 62.45
max. cond. cross-section	4
Max. clamping range	0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

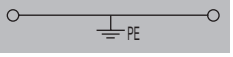
IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

WPE 4 — 4 mm²

Width/Length/Height of lowest version	6.1 x 56 x 47.5
max. cond. cross-section	6
Max. clamping range	0.13...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 22...10	AWG 26...10	4
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection	Further connection
0.5...6 / 0.5...6	
0.5...6 / 0.5...4	
0.5...1 Nm (M 3)	
0.5...1.0 Nm (M 3)	
10 / 0.6 x 3.5 mm	

Technical data

Rated data	
Rated cross-section	mm²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Tightening torque range for fixing screw	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	green/yellow Wemid
Note	

Type	Qty.	Order No.
WDK 2.5N PE	100	1041620000

Type	Qty.	Order No.
WPE 4	100	1010100000

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
	Width		
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

Type	current	Qty.	Order No.
	Width		
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

DEK 5/5 / WS 8/5

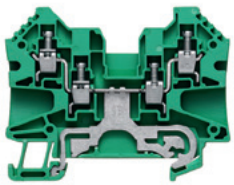
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

DEK 5/6

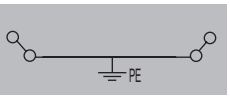
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 4/ZZ — 4 mm²

Twin connection



6.1 x 70 x 53
6
0.05...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection	Further connection
0.5...6 / 0.5...4	0.5
0.5...4 / 0.5...4	
0.5...0.8 Nm (M 3)	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZZ	50	**1905130000**

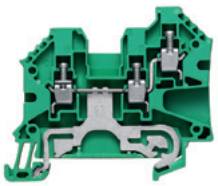
Type	current	Qty.	Order No.
Width			
WAP WDU/WTR4/ZZ	1.5 mm	50	**1905150000**
WEW 35/2	8 mm	100	**1061200000**
SDS 0.6X3.5X100		1	**9008330000**

DEK 5/6

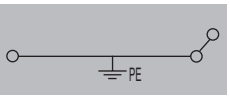
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 4/ZR — 4 mm²

Supplementary connection, right



6.1 x 63.5 x 53.3
6
0.05...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection	Further connection
0.5...6 / 0.5...4	0.5...6
0.5...2.5 / 0.5...4	
0.5...0.8 Nm (M 3)	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZR	50	**1905120000**

Type	current	Qty.	Order No.
Width			
WAP WDU/WTR4/ZR	1.5 mm	50	**1905070000**
WEW 35/2	8 mm	100	**1061200000**
SDS 0.6X3.5X100		1	**9008330000**

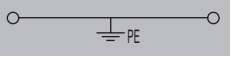
DEK 5/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 4N — 4 mm²

Compact design

6.1 x 50 x 38.5
6
0.13...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
500			
6			
480 A (4 mm²)			
3			
A3 / V-0			

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 Nm (M 3)	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WPE 4N	100	**1042700000**

Type	current	Qty.	Order No.
Width			
WAP WDU2.5N/4N	1.5 mm	50	**1060000000**
WEW 35/2	8 mm	100	**1061200000**
SDS 0.6X3.5X100		1	**9008330000**

DEK 5/6 / WS 12/6

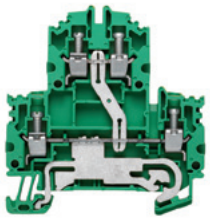
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WDK 4N PE

4 mm²

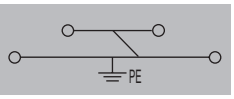
Compact design

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	6.1 x 60.7 x 64.15
max. cond. cross-section	mm²	**6**
Max. clamping range	mm²	**0.13...6**



Technical data

Rated data					
Rated cross-section	mm²	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage to adjoining terminal	V	4	AWG 26...10	AWG 26...10	4
Rated impulse withstand voltage to adjacent terminal	kV	800			
Rated short-time current		8			
Pollution severity			480 A (4 mm²)		
Gauge to IEC 60947-1 / Flammability class UL94			3		
Approvals			A3 / V-0		
Clamped conductors (H05V/H07V)					
Solid / stranded	mm²	**Rated connection**		**Further connection**	
Flexible / Flexible with ferrule	mm²	0.5...6 / 1.5...6			
Tightening torque range (terminal screw)		0.5...4 / 0.5...4			
Tightening torque range for fixing screw		0.5...1 Nm (M 3)			
Stripping length / Blade size	mm/-				
		8 / 0.6 x 3.5 mm			

Note	

IEC 60947-7-2 — Ex e II — II 2 G D

Ordering data

Version
green/yellow Wemid
Note

Type	**Qty.**	**Order No.**
WDK 4N PE	100	**1041920000**

Accessories

Pluggable cross-connection
2-pole
3-pole
4-pole
10-pole
20-/24-pole
End plate / Partition plate
Dark beige Wemid
Blue Wemid
Dark beige Wemid
End bracket
Dark beige Wemid
Screwdriver
Standard

Type	**current**	**Qty.**	**Order No.**
	Width		
WAP WDK2.5/4 N	1.5 mm	20	**1084000000**
WEW 35/2	8 mm	100	**1061200000**
SDS 0.6X3.5X100		1	**9008330000**

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

DEK 5/6 / WS 8/6
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WPE 6	WPE 10
	6 mm²	10 mm²
Width/Length/Height of lowest version mm	7.9 x 56 x 47	9.9 x 60 x 47
max. cond. cross-section mm²	10	16
Max. clamping range mm²	0.08...10	1.31...16

Technical data

	WPE 6	WPE 10
Rated data		
Rated cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V	Ex e II II 2 G D	Ex e II II 2 G D
Rated impulse withstand voltage to adjacent terminal kV		
Rated short-time current		
Pollution severity		
Gauge to IEC 60947-1 / Flammability class UL94		
Approvals		

WPE 6			
IEC	UL	CSA	EN 60079-7
6	AWG 20...8	AWG 20...8	66
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

WPE 10			
IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	1010
1000			
8			
1200 A (10 mm²)			
3			
B6 / V-0			

Clamped conductors (H05V/H07V)		
Solid / stranded mm²	**Rated connection**	**Further connection**
Flexible / Flexible with ferrule mm²	0.5...10 / 1.5...10	
Tightening torque range (terminal screw)	0.5...10 / 0.5...6	
Tightening torque range for fixing screw	0.8...1.3 Nm (M 3)	
Stripping length / Blade size mm/-	0.5...1.0 Nm (M 3)	
	12 / 4.0 x 0.8 mm	

Clamped conductors (H05V/H07V)		
Solid / stranded mm²	**Rated connection**	**Further connection**
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...16	
Tightening torque range (terminal screw)	1.5...16 / 1.5...16	
Tightening torque range for fixing screw	1.2...2.4 Nm (M 4)	
Stripping length / Blade size mm/-	0.5...1.0 Nm (M 3)	
	12 / 1.0 x 5.5 mm	

Note	
	Conductor connection H07V-..10 and AWG 8 tighten with 1.4-1.6 Nm.

Note	
	AWG 6/7 and H07V-R16 tighten with 2.4 Nm.

Ordering data

Version	**Type**	**Qty.**	**Order No.**
green/yellow Wemid	WPE 6	50	**1010200000**
Note			

Version	**Type**	**Qty.**	**Order No.**
green/yellow Wemid	WPE 10	50	**1010300000**
Note			

Accessories

PEN bridge	**Type**	**Width**	**Qty.**	**Order No.**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**9008340000**

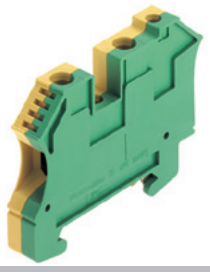
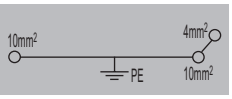
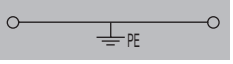
PEN bridge	**Type**	**Width**	**Qty.**	**Order No.**
	WQB-PEN 10	14.8 mm	10	**1060300000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**9008350000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/8 / WS 12/6,5
Note	Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

	DEK 5/5 / WS 12/6,5
	Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WPE 10/ZR	WPE 16
	10 mm²	16 mm²
	Supplementary connection, right (4 mm²)	
		
Width/Length/Height of lowest version mm	9.9 x 66 x 49.5	11.9 x 56 x 63
max. cond. cross-section mm²	16	25
Max. clamping range mm²	1.31...16	1.5...25
		

Technical data

Rated data		WPE 10/ZR	WPE 16
		IEC 60947-7-2	IEC 60947-7-2 Ex e II II 2 G D
		IEC / UL / CSA	IEC / UL / CSA / EN 60079-7
Rated cross-section	mm²	10 / AWG 16...6 / AWG 14...6	16 / AWG 14...4 / AWG 14...6 / 1616
Rated voltage to adjoining terminal	V	1000	1000
Rated impulse withstand voltage to adjacent terminal	kV	8	8
Rated short-time current		1200 A (10 mm²)	1920 A (16 mm²)
Pollution severity		3	3
Gauge to IEC 60947-1 / Flammability class UL94		B6, A4 / V-0	B7 / V-0
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	1.5...16 / 1.5...16	1.5...16 / 1.5...25
Flexible / Flexible with ferrule	mm²	0.5...6 / 1.5...4	1.5...25 / 1.5...16
Tightening torque range (terminal screw)		1.2...2.4 Nm (M 4)	2...3.6 Nm (M 5)
Tightening torque range for fixing screw		0.5...1.0 Nm (M 3)	1.2...2.4 Nm (M 4)
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm	16 / 1.0 x 5.5 mm
		Rated connection / Further connection	Rated connection / Further connection
		1.5...16 / 1.5...16 / 0.5...6 / 1.5...4	1.5...16 / 1.5...25
		1.5...16 / 1.5...16 / 0.5...4 / 1.5...16	1.5...25 / 1.5...16
Note		Max. conductor cross-sections refer to 10 mm² and 16 mm² connections. AWG 6/7 and H07V-R16 tighten with 2.4 Nm.	For 25 mm², the TS 35 x 15 (steel, 1.5 mm thick) should be used. Conductor connection H07V-..16 and AWG 6 with tightening torque of 2.0-2.4 Nm.

Ordering data

Version	WPE 10/ZR	WPE 16
	green/yellow Wemid	
Type	WPE 10/ZR	WPE 16
Qty.	50	50
Order No.	**1042500000**	**1010400000**
Note		

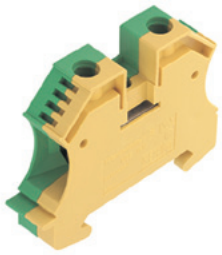
Accessories

PEN bridge	Type	Width	Qty.	Order No.
	WQB-PEN 10	14.8 mm	10	**1060300000**
	WQB-PEN 16	17.6 mm	10	**1060200000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
	WEW 35/1	12 mm	50	**1059000000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**9008330000**
	SDS 1.0X5.5X150		1	**9008350000**

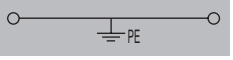
Identification systems (see assortment in catalogue 7)		
Marking tags		
Note	DEK 5/5 / WS 12/6,5	DEK 5/5 / WS 12/6,5
	Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).	Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 16N — 16 mm²

Compact design



12 x 56 x 47
25
1.5...25



IEC 60947-7-2

IEC	UL	CSA
16	AWG 14...6	AWG 14...6
400		
6		
1920 A (16 mm²)		
3		
B7 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	
1.2...2.4 Nm (M 4)	
0.5...1.0 Nm (M 3)	
12 / 1.0 x 5.5 mm	

25 mm² stranded requires a tightening torque of 2.2 Nm.

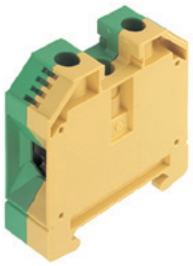
Type	Qty.	Order No.
WPE 16N	50	**1019100000**

Type	Width	Qty.	Order No.
WQV 16N-PEN BL	9 mm	10	**1071360000**
WEW 35/2	8 mm	100	**1061200000**
SDS 1.0X5.5X150		1	**9008350000**

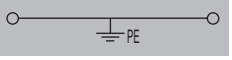
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 35 — 35 mm²



16 x 56 x 63
35
2.5...35



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	3535
800			
8			
4200 A (35 mm²)			
3			
B8 / V-0			

Rated connection	Further connection
2.5...16 / 2.5...35	
2.5...35 / 2.5...35	
5 Nm(M 6)	
1.2...2.4 Nm (M 4)	
18 / 6.5 x 1.2 mm	

Type	Qty.	Order No.
WPE 35	25	**1010500000**

Type	Width	Qty.	Order No.
WQB-PEN 35	24.6 mm	10	**1060100000**
WEW 35/1	12 mm	50	**1059000000**
SDS 1.2X6.5X150		1	**9009010000**

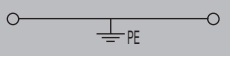
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 35N — 35 mm²

Compact design

16 x 66 x 51
50
2.5...50



IEC 60947-7-2

IEC	UL	CSA
35		
400		
6		
4200 A (35 mm²)		
3		
B8 / V-0		

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
1.8...2.4 Nm (M 6)	
1.2...2.4 Nm (M 4)	
18 / 6.5 x 1.2 mm	

Type	Qty.	Order No.
WPE 35N	20	**1717740000**

Type	Width	Qty.	Order No.
WEW 35/2	8 mm	100	**1061200000**
SDS 1.2X6.5X150		1	**9009010000**

DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

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The compact terminals are impressive for their small size and rated cross-section capacity.

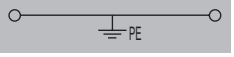
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. cond. cross-section	mm²
Max. clamping range	mm²

WPE 50N — 50 mm²

Compact design

18.5 x 71 x 70
70
5.26...70



IEC 60947-7-2 — Ex e II — II 2 G D

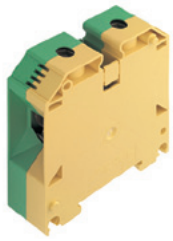
IEC	UL	CSA	EN 60079-7
50	AWG 10...0	AWG 14...0	5050
1000			
8			
6000 A (50 mm²)			
3			
B10 / V-0			

Rated connection	Further connection
10...16 / 10...70	
10...50 / 10...50	
4...6 Nm (M 6)	
3.0...4.0 Nm (M 5)	
24 / S4 (DIN 6911)	

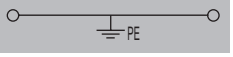
For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

WPE 70N/35 — 70 mm²

Compact design



20.5 x 75 x 86
95
10...95



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
70	AWG 6...000	AWG 6...000	7070
1000			
8			
8400 A (70 mm²)			
3			
B11 / V-0			

Rated connection	Further connection
10...16 / 10...95	
10...70 / 10...70	
6...12 Nm (M 8)	
2.0...4.0 Nm (M 5)	
22 / S6 (DIN 6911)	

For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Technical data

Rated data	
Rated cross-section	mm²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Tightening torque range for fixing screw	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	green/yellow Wemid
Note	

Type	Qty.	Order No.
WPE 50N	10	1846040000

Type	Qty.	Order No.
WPE 70N/35	10	9512200000

Accessories

PEN bridge			
Type	**Width**	**Qty.**	**Order No.**
WQV PEN 50N	9.5 mm	5	9201610000
End bracket			
WEW 35/1	12 mm	50	1059000000
Screwdriver			
Standard			

PEN bridge			
Type	**Width**	**Qty.**	**Order No.**
WQV 70N-PEN	9.5 mm	5	9525840000
End bracket			
WEW 35/1	12 mm	50	1059000000

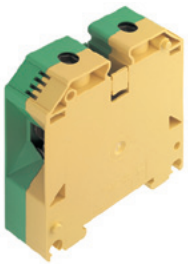
Identification systems (see assortment in catalogue 7)	
Marking tags	
Note	

DEK 5/5 / WS 12/6,5
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

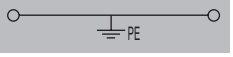
DEK 5/5 / WS 12/6,5
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 95N/120N — 95 mm²

Compact design



27 x 91 x 91
150
16...150



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
95	AWG 4...000	AWG 4...0000	9595
1000			
8			
11400 A (95 mm²)			
3			
B13 / V-0			

Rated connection	Further connection
16...16 / 16...150	
16...120 / 16...95	
12...20 Nm M 10	
2.0...4.0 Nm (M 5)	
27 / S6 (DIN 6911)	

For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Type	Qty.	Order No.
WPE 95N/120N	5	**1846030000**
UL, CSA and ATEX certifications are pending		

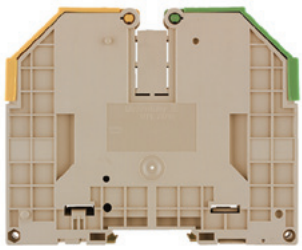
Type	Width	Qty.	Order No.
WQV PEN 95N/120N	9.5 mm	5	**9201630000**
WEW 35/1	12 mm	50	**1059000000**

DEK 5/5 / WS 12/6,5

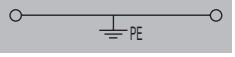
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 70/95 — 95 mm²

Conductor can be inserted from above / leaf spring



27 x 132 x 115.5
120
13.3...120



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
95	AWG 6...00	AWG 6...00	9595
1000			
8			
11400 A (95 mm²)			
3			
B12 / V-0			

Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...95	
6...12 Nm (M 8)	
3.0...6.0 Nm (M 6)	
30 / S6 (DIN 6911)	

For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Type	Qty.	Order No.
WPE 70/95	10	**1037300000**

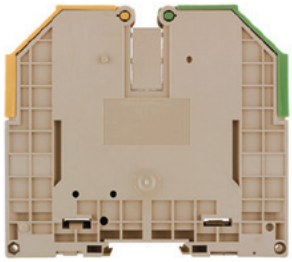
Type	Width	Qty.	Order No.
WQV 70/95-PEN	10 mm	5	**1072300000**
WEW 35/1	12 mm	50	**1059000000**

DEK 5/5 / WS 12/6,5

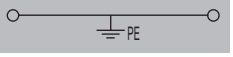
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 120/150 — 120 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 125.5
150
33.62...150



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	120120
1000			
8			
14400 A (120 mm²)			
3			
B13 / V-0			

Rated connection	Further connection
/ 35...150	
35...150 / 35...95	
10...20 Nm M 10	
3.0...6.0 Nm (M 6)	
35 / S6 (DIN 6911)	

For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Type	Qty.	Order No.
WPE 120/150	10	**1019700000**

Type	Width	Qty.	Order No.
WQV 120-PEN	10 mm	5	**1072400000**
WEW 35/1	12 mm	50	**1059000000**

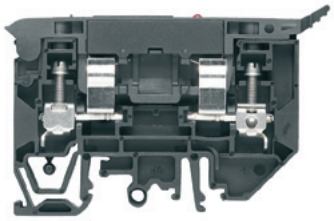
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WSI 4/2 — 4 mm²

WSI 4/2

Overload and short-circuit protection



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	9.1 x 81.6 x 54
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.5...4**

Technical data

Rated data		IEC 60947-7-3
Rated voltage to adjoining terminal	V	500
Rated current	A	6.3
Rated cross-section	mm²	4
Rated impulse withstand voltage / Pollution severity		6 V /
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0
Approvals		
Clamped conductors (H05V/H07V)		**Rated connection**
Solid / stranded	mm²	0.5...4 / 0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4
Tightening torque range (terminal screw)		0.5...0.8 Nm (M 3)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	mm²	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5
Note		Width/length/height with TS 32 = 9.1 x 81.6 x 58.5 mm

IEC	UL	CSA
	AWG 22...10	AWG 22...10

Type	Order No.
WSI 4/2	**1880430000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	55 °C	4.0 W / 10 A	35 °C	2.5 W / 2.5 A
In combination	68 °C	2.5 W / 2.5 A	41 °C	1.6 W / 1.0 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	WSI 4/2	25	**1880430000**
10-36 V AC/DC, with LED	WSI 4/2/LD 10-36V AC/DC	25	**1880410000**
30-70 V AC/DC, with LED	WSI 4/2/LD 30-70V AC/DC	25	**1880440000**
60-150 V AC/DC, with LED	WSI 4/2/LD 60-150V AC/DC	25	**1880420000**
140-250 V AC/DC, with LED	WSI 4/2/LD 140-250V AC/DC	25	**1880390000**
Note			

Accessories

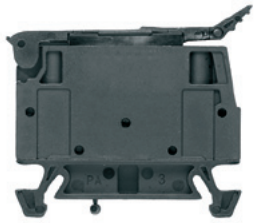
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WSI4/2	2.5 mm	50	**1880450000**
Dark beige Wemid				
Screwdriver				
With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**9008330000**
End bracket				
Dark beige Wemid				
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast				
0.50 A fast				
1.00 A fast				
2.00 A fast				

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 12/6
Note	Dummy fuse cartridge, Order no. 1582770000

WSI 4 — 4 mm²

WSI 4

Overload and short-circuit protection



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

9.1 x 50.7 x 46
6.3 / 6
0.5...6

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Note	

IEC 60947-7-3

IEC	UL	CSA
500		
6.3		
4	AWG 22...12	AWG 22...12
	A3 / V-0	
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...0.8 Nm (M 3)		
8 / 0.6 x 3.5 mm		
...4		
0.5...1.5 / 0.5...1.5		

Type	Order No.
WSI 4	**1886580000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	63 °C	4.0 W / 6.3 A	34 °C	1.6 W / 6.3 A
In combination	47 °C	2.5 W / 6.3 A	23 °C	1.6 W / 6.3 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	WSI 4	50	**1886580000**
10-36 V AC/DC, with LED	WSI 4/LD 10-36V AC/DC	50	**1886590000**
30-70 V AC/DC, with LED	WSI 4/LD 30-70V AC/DC	50	**1886560000**
60-150 V AC/DC, with LED	WSI 4/LD 60-150V AC/DC	50	**1886570000**
140-250 V AC/DC, with LED	WSI 4/LD 140-250V AC/DC	50	**1886550000**
Note			

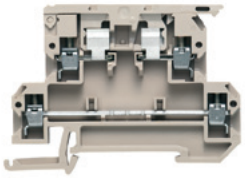
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
End plate / Partition plate				
Dark beige Wemid				
Dark beige Wemid				
Screwdriver		**Width**		
With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**9008330000**
End bracket				
Dark beige Wemid				
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**

Identification systems	(see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 12/6	
Note		

KDKS 1/35 DB — 4 mm²

Metric fuses 5 x 20 mm



KDKS 1/35 DB

Overload and short-circuit protection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	8 x 73.5 x 54.6
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.22...4**

Technical data

Rated data		IEC 60947-7-3
Rated voltage to adjoining terminal	V	500
Rated current	A	6.3
Rated cross-section	mm²	4
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / Flammability class UL94		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / stranded	mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4
Tightening torque range (terminal screw)		0.5...0.8 Nm (M 3)
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	mm²	0.5...1.5
Flexible / Flexible with ferrule	mm²	

IEC	UL	CSA
500	300 (C)	300 (D)
6.3	10 (C)	10 (D)
4	AWG 22...12	
	6 kV / 3	
	A3 / V-0	

cULus

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5

Note

Note: max. conductor size = 2.5 mm² when using the cross-connector.

Type	Order No.
KDKS 1/35 DB	**9532440000**

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	23 °C*	4.0 W / 10 A*	41 °C	1.6 W / 6.3 A
In combination	50 °C*	1.6 W / 6.3 A	23 °C	1.6 W / 6.3 A

*) Values not available → The values specified were not measured but instead read from the derating curves and transferred to the "only short-circuit protection" operating mode.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	KDKS 1/35 DB	50	**9532440000**
10-36 V AC/DC, with LED			
30-70 V AC/DC, with LED			
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED			

Note

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Accessories

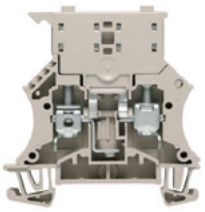
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
End plate / Partition plate		**Width**		
Dark beige Wemid	AP KDKS1 DB	1.5 mm	20	**9532470000**
Dark beige Wemid				
Screwdriver				
With "swifty set" cutting device				
Standard				
End bracket				
Dark beige Wemid				
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/8

Note

WSI 6 — 6 mm²

Metric fuses



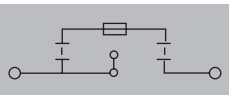
WSI 6

Overload and short-circuit protection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

7.9 x 60 x 62	
6.3 / 10	
0.5...10	



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Note	

IEC 60947-7-3

IEC	UL	CSA
500	600 (C)	600 (C)
6.3	9.5 (C)	10 (C)
6	AWG 20...8	AWG 20...8
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
12 / 4.0 x 0.8 mm
0.5...2.5
0.5...2.5 / 0.5...2.5

Type	Order No.
WSI 6	**1011000000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual			31 °C	1.6 W / 3.0 A
In combination			27 °C	1.6 W / 3.0 A

Ordering data

Version
500 V AC/DC, w/o LED
10-36 V AC/DC, with LED
30-70 V AC/DC, with LED
60-150 V AC/DC, with LED
140-250 V AC/DC, with LED
Note

Type	Qty.	Order No.
WSI 6	50	**1011000000**

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Accessories

Screwable cross-connection
2-pole
3-pole
4-pole
10-pole
End plate / Partition plate
Dark beige Wemid
Dark beige Wemid
Screwdriver
With "swifty set" cutting device
Standard
End bracket
Dark beige Wemid
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)
0.25 A fast
0.50 A fast
1.00 A fast
2.00 A fast

Type	current	Qty.	Order No.
QL 2 SAK6N	32 A	50	**0194300000**
QL 3 SAK6N	57 A	50	**0194400000**
QL 4 SAK6N	57 A	50	**0194500000**
QL 10 SAK6N	32 A	20	**0338300000**
	Width		
WAP 2.5-10	1.5 mm	50	**1050000000**
WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
SDS 0.8X4.0X100		1	**9008340000**
WEW 35/2	8 mm	100	**1061200000**
G 20/0.25A/F		10	**0430500000**
G 20/0.50A/F		10	**0430600000**
G 20/1.00A/F		10	**0430700000**
G 20/2.00A/F		10	**0430900000**

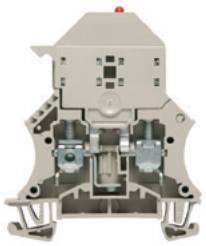
Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

DEK 5/8 / WS 12/6,5

Screw M 3x5 Order no. 1052100000 for QL 2 - QL 10.

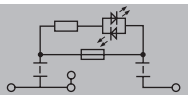
WSI 6 LD — 6 mm²

Metric fuses / bipolar LED



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	7.9 x 60 x 72
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA
Rated voltage to adjoining terminal V			
Rated current A	6.3		
Rated cross-section mm²	6	AWG 20...8	AWG 20...8
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A5 / V-0	
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded mm²	0.5...10 / 1.5...10		
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6		
Tightening torque range (terminal screw)	0.8...1.6 Nm (M 3.5)		
Stripping length / Blade size mm/-	12 / 4.0 x 0.8 mm		
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded mm²	0.5...2.5		
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5		
Note			

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED			
10-36 V AC/DC, with LED	WSI 6/LD 10-36V DC/AC	50	**1011300000**
30-70 V AC/DC, with LED	WSI 6/LD 30-70V DC/AC	50	**1012200000**
60-150 V AC/DC, with LED	WSI 6/LD 60-150V DC/AC	50	**1012300000**
140-250 V AC/DC, with LED	WSI 6/LD 250AC	50	**1012400000**
Note	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

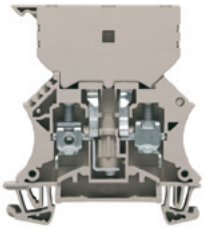
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK6N	32 A	50	**0194300000**
3-pole	QL 3 SAK6N	57 A	50	**0194400000**
4-pole	QL 4 SAK6N	57 A	50	**0194500000**
10-pole	QL 10 SAK6N	32 A	20	**0338300000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
Screwdriver				
With "swifty set" cutting device				
Standard	SDS 0.8X4.0X100		1	**9008340000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**

Identification systems	(see assortment in catalogue 7)	
Marking tags		DEK 5/8 / WS 12/6,5
Note		Screw M 3x5 Order no. 1052100000 for QL 2 - QL 10.

WSI 6/2 — 6 mm²

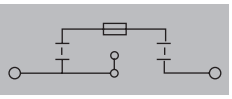
Imperial fuses



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

11.9 x 60 x 67	
6.3 / 10	
0.5...10	



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Note	

IEC 60947-7-3

IEC	UL	CSA
500	600 (C)	150 (C)
6.3	16 (C)	16 (C)
6	AWG 22...8	AWG 20...6
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
12 / 4.0 x 0.8 mm
0.5...2.5
0.5...2.5 / 0.5...2.5

Fuse inserts or contact sleeves should be attached in the middle.

WSI 6/2

Overload and short-circuit protection

Type	Order No.
WSI 6/2 GZ/DEF63	**1014000000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	WSI 6/2 GZ/DEF63	25	**1014000000**
10-36 V AC/DC, with LED			
30-70 V AC/DC, with LED			
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED			
Note			

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

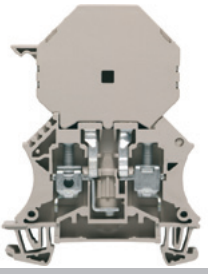
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
3-pole	QL 3 SAK16	76 A	50	**0470800000**
4-pole	QL 4 SAK16	76 A	50	**0470900000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	GZ 2.0A		10	**0294500000**
1.00 A medium slow / 3 A	GZ 3.0A		10	**0295700000**
2.00 A fast / 5 A	GZ 5.0A		10	**0294600000**
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/8 / WS 12/6,5
Note	Refer to the W-Series accessories section for cross-connection information.

WSI 6/2 m. LED — 6 mm²

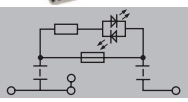
Imperial fuses / bipolar LED



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

11.9 x 60 x 79.5
6.3 / 10
0.5...10



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA
Rated voltage to adjoining terminal	V		
Rated current	A	6.3	
Rated cross-section	mm²	6	AWG 22...8 AWG 20...6
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A5 / V-0	
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	0.5...10 / 1.5...10	
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6	
Tightening torque range (terminal screw)		0.8...1.6 Nm (M 3.5)	
Stripping length / Blade size	mm/-	12 / 4.0 x 0.8 mm	
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded	mm²	0.5...2.5	
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5	
Note		Fuse inserts or contact sleeves should be attached in the middle.	

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED			
10-36 V AC/DC, with LED	WSI 6/2/LD 10-36V DC/AC	25	**1014100000**
30-70 V AC/DC, with LED	WSI 6/2/LD 30-70V DC/AC	25	**1014200000**
60-150 V AC/DC, with LED	WSI 6/2/LD 60-150VDC/AC	25	**1014300000**
140-250 V AC/DC, with LED	WSI 6/2/LD 250AC	25	**1014400000**
Note	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

Accessories

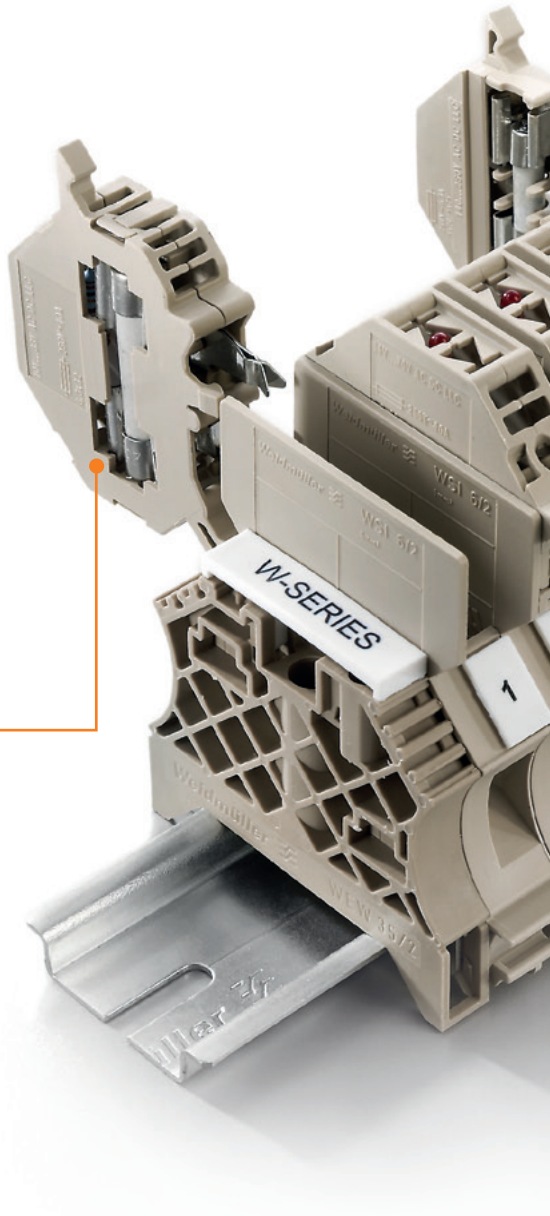
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
3-pole	QL 3 SAK16	76 A	50	**0470800000**
4-pole	QL 4 SAK16	76 A	50	**0470900000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	GZ 2.0A		10	**0294500000**
1.00 A medium slow / 3 A	GZ 3.0A		10	**0295700000**
2.00 A fast / 5 A	GZ 5.0A		10	**0294600000**
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/8 / WS 12/6,5
Note	Refer to the W-Series accessories section for cross-connection information.

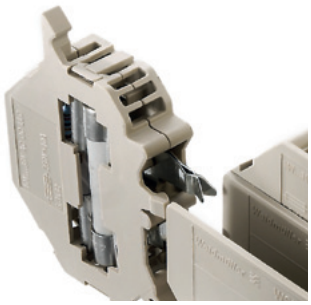
WSI 6 LD LLC fused terminal blocks with minimised leakage current

Clearly visible status LED with extremely low leakage current for error indication with an optimal energy balance

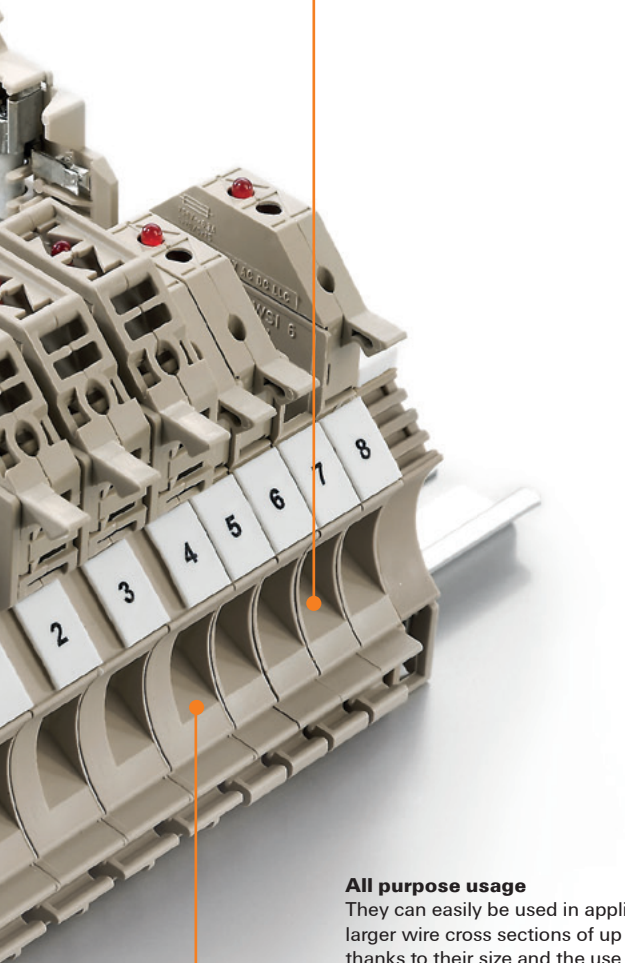
Weidmüller has extended its line of screw connect fuse terminals to include the WSI 6 LD LLC and WSI 6/2 LD LLC variants. The terminals have bright status displays which are wired in parallel with the fuse so that, in the event of an outage, the fuse supplies a low leakage current to the LEDs. Since this is undesired current, it is maintained at the lowest level possible. Weidmüller's BFI (Blown Fuse Indicator) circuitry is designed for a reduced leakage current of less than 500 µA. Despite the reduced leakage current, the status displays are still very bright and thus always easy to see.
The leakage current of the bipolar LED circuitry complies with the CSA standard C22.2 No. 39 for fuse holder units and the UL standard 512 for fuse holders.



Fuse is convenient to replace
The fuse holder is easy to access and can pivot, so you can quickly and safely replace a blown fuse.

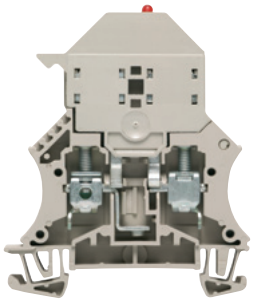


Good cable visibility
Because of the broad width, visibility remains clear and accessible even with many wires connected.

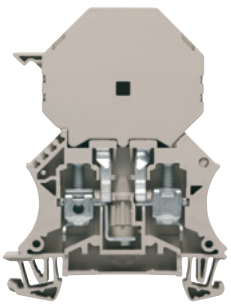


All purpose usage
They can easily be used in applications with larger wire cross sections of up to 10 mm², thanks to their size and the use of larger connection elements.

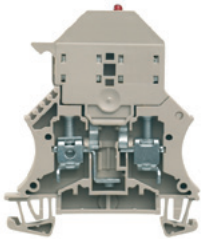
WSI 6 LD LLC
The WSI-6-LD-LLC variants, with their thin 7.9 mm width, are perfect for use with the 5 x 20 mm fuses.



WSI 6/2 LD LLC
The WSI-6/2-LD-LLC variants, with their width of 11.9 mm, are the best solution for use with 1¼" x ¼" fuses.

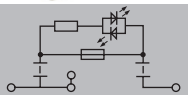


WSI 6/LD LLC — 6 mm²



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	7.9 x 60 x 72
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

Rated data		IEC 60947-7-3
		IEC / UL / CSA
Rated voltage to adjoining terminal	V	500 / 600 (C) / 250 (C)
Rated current	A	6.3 / 10 (C) / 6.3 (C)
Rated cross-section	mm²	6 / AWG 22...8 / AWG 20...8
Rated impulse withstand voltage / Pollution severity		/ 3
Gauge to IEC 60947-1 / Flammability class UL94		A5 / V-0
Approvals		
Clamped conductors (H05V/H07V)		**Rated connection**
Solid / stranded	mm²	0.5...10 / 1.5...10
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6
Tightening torque range (terminal screw)		0.8...1.6 Nm (M 3.5)
Stripping length / Blade size	mm/-	/ 4.0 x 0.8 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	mm²	
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5
Note		

Ordering data

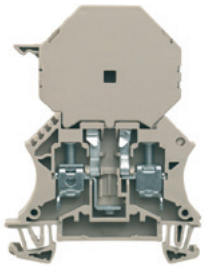
Version	Type	Qty.	Order No.
10-36 V AC/DC, with LED	WSI 6/LD 10-36V LLC	50	**1119840000**
30-70 V AC/DC, with LED	WSI 6/LD 30-70V LLC	50	**1119830000**
60-150 V AC/DC, with LED	WSI 6/LD 60-150V LLC	50	**1119850000**
140-250 V AC/DC, with LED	WSI 6/LD 250AC LLC	50	**1119870000**
Note			

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK6N	32 A	50	**0194300000**
3-pole	QL 3 SAK6N	57 A	50	**0194400000**
4-pole	QL 4 SAK6N	57 A	50	**0194500000**
10-pole	QL 10 SAK6N	32 A	20	**0338300000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**9008340000**

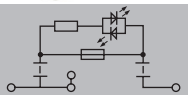
Identification systems	(see assortment in catalogue 7)	
Marking tags		DEK 5/8 / WS 12/6,5
Note		

WSI 6/2/LD LLC — 6 mm²



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	11.9 x 60 x 79.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA
Rated voltage to adjoining terminal V	500	600 (C)	150 (C)
Rated current A	6.3	10 (C)	6.3 (C)
Rated cross-section mm²	6	AWG 22...8	AWG 20...8
Rated impulse withstand voltage / Pollution severity		/ 3	
Gauge to IEC 60947-1 / Flammability class UL94		A5 / V-0	
Approvals			
Clamped conductors (H05V/H07V)	**Rated connection**		
Solid / stranded mm²	0.5...10 / 1.5...10		
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6		
Tightening torque range (terminal screw)	0.8...1.6 Nm (M 3.5)		
Stripping length / Blade size mm/-	/ 4.0 x 0.8 mm		
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded mm²			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5		
Note			

Ordering data

Version	Type	Qty.	Order No.
10-36 V AC/DC, with LED	WSI 6/2/LD 10-36V LLC	25	**1119800000**
30-70 V AC/DC, with LED	WSI 6/2/LD 30-70V LLC	25	**1119810000**
60-150 V AC/DC, with LED	WSI 6/2/LD 60-150V LLC	25	**1119820000**
140-250 V AC/DC, with LED	WSI 6/2/LD 250AC LLC	25	**1119790000**
Note			

Accessories

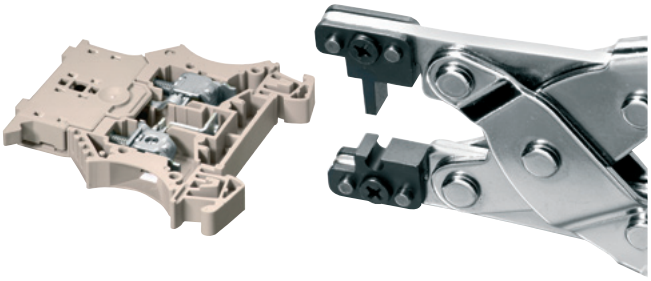
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
3-pole	QL 3 SAK16	76 A	50	**0470800000**
4-pole	QL 4 SAK16	76 A	50	**0470900000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	GZ 2.0A		10	**0294500000**
1.00 A medium slow / 3 A	GZ 3.0A		10	**0295700000**
2.00 A fast / 5 A	GZ 5.0A		10	**0294600000**
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**9008340000**

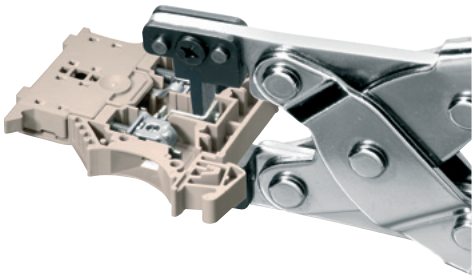
Identification systems	(see assortment in catalogue 7)	
Marking tags		DEK 5/8 / WS 12/6,5
Note		

Cross-connections with test-disconnect terminal / fuse terminal WSI 6

WSI 6 installation

To install, screw the cross-connection lugs QL X SAK6N directly to the current bar (Order No. 1052100000 KISC M3X5). To do this, push out the pre-punched side window of the terminal carrier with the help of tool WAW 2 (order No. 9004510000) and clip the terminal in place. Now open the fuse holder and insert the fixing screw. Slip the cross-connection lug in through the punched opening in the side of the terminal carrier and secure it with the fixing screw.
Important! The side window of the last terminal may not be broken out as otherwise the rated voltage cannot be guaranteed.





In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WSI 25 10x38	WSI 25 CC
	25 mm²	25 mm²
Width/Length/Height of lowest version mm	36 x 58 x 58	18 x 58 x 58
max. current / max. cond. cross-section A	**32 / 25**	**32 / 25**
Max. clamping range mm²	**1.5...25**	**1.5...25**

Technical data

Rated data	WSI 25 10x38	WSI 25 CC
Rated voltage to adjoining terminal V	IEC 60947-7-3	IEC 60947-7-3
Rated current A	IEC / UL / CSA	IEC / UL / CSA
Rated cross-section mm²	690 / 600 (C)	690
Rated impulse withstand voltage / Pollution severity	32 / 30 (C)	32
Gauge to IEC 60947-1 / Flammability class UL94	25 / AWG 14...3	25 / AWG 18...4
Approvals	6 kV / 3	6 kV / 3
Clamped conductors (H05V/H07V)	/ V-0	/ V-0
Solid / stranded mm²		
Flexible / Flexible with ferrule mm²	**Rated connection**	**Rated connection**
Tightening torque range (terminal screw)	1.5...25 / 1.5...25	1.5...25 / 1.5...25
Stripping length / Blade size mm/-	1.5...25 / 1.5...25	1.5...25 / 1.5...25
	2...2.5 Nm	2...2.5 Nm
Note	Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum.	Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum.

Ordering data

Version	Type	Qty.	Order No.
1-pole, without LED	WSI 25/1 10x38	12	1966020000
2-pole, without LED	WSI 25/2 10x38	6	1966090000
3-pole, without LED	WSI 25/3 10x38	4	1966080000
1-pole, with LED	WSI 25/1 10x38/LED	12	1966060000
Note			

Version	Type	Qty.	Order No.
1-pole, without LED	WSI 25/1 CC	12	1966050000
2-pole, without LED	WSI 25/2 CC	6	1966040000
3-pole, without LED	WSI 25/3 CC	4	1966030000
1-pole, with LED	WSI 25/1 CC/LED	12	1966070000
Note			

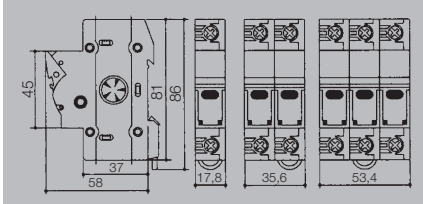
Accessories

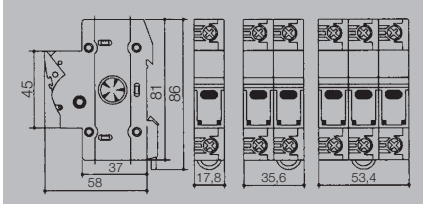
Type	Width	Qty.	Order No.

Type	Width	Qty.	Order No.

	WSI 25 10x38	WSI 25 CC
Identification systems (see assortment in catalogue 7)		
Marking tags	ESG 6/15	ESG 6/15
Note		

Technical drawing



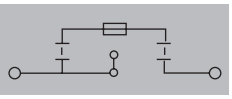


WSI 25/1 10x38 1KV — 25 mm²

NEW

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	18 x 58 x 58
max. current / max. cond. cross-section	A/mm²	**32 / 25**
Max. clamping range	mm²	**1.5...25**



Technical data

IEC 60947-7-3

Rated data		IEC	UL	CSA
Rated voltage to adjoining terminal	V	1000		
Rated current	A	32		
Rated cross-section	mm²	25		
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection
Solid / stranded	mm²	1.5...25 / 1.5...25
Flexible / Flexible with ferrule	mm²	1.5...25 / 1.5...25
Tightening torque range (terminal screw)		2...2.5 Nm
Stripping length / Blade size	mm/-	

Note	
	Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum.

Ordering data

Version	Type	Qty.	Order No.
1-pole, without LED	WSI 25/1 10x38 1KV	12	**1137790000**
1-pole, with LED	WSI 25/1 10X38/LED 1KV	12	**1137780000**

Note	

Accessories

Safety fuses	Type	Width	Qty.	Order No.
2 A	FUSE 1KV DC 2A 10/38		10	**1224870000**
4 A	FUSE 1KV DC 4A 10/38		10	**1224880000**
6 A	FUSE 1KV DC 6A 10/38		10	**1224890000**
8 A	FUSE 1KV DC 8A 10/38		10	**1224900000**
10 A	FUSE 1KV DC 10A 10/38		10	**1224910000**
12 A	FUSE 1KV DC 12A 10/38		10	**1224920000**
16 A	FUSE 1KV DC 16A 10/38		10	**1224930000**
20 A	FUSE 1KV DC 20A 10/38		10	**1224950000**

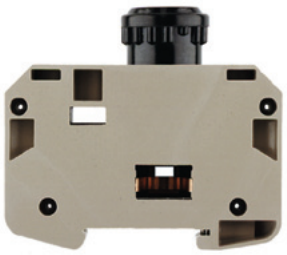
(see assortment in catalogue 7)	

Note	

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

SAKS 2/35 DB — 10 mm²

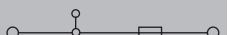
D fuses E 16

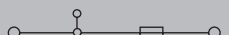


SAKS 4/35 DB — 10 mm²

D 01 fuses E 14

Width/Length/Height of lowest version	27.6 x 80 x 75	24 x 75 x 66
max. current / max. cond. cross-section	**10 / 16**	**16 / 16**
Max. clamping range	**0.22...16**	**0.22...16**





Technical data

Rated data		SAKS 2/35 DB	SAKS 4/35 DB
Rated voltage to adjoining terminal	V	IEC 60947-7-3	IEC 60947-7-3
Rated current	A	IEC: 500 / UL: 10 / CSA: 600 (C)	IEC: 400 / UL: 600 (C) / CSA: 600 (C)
Rated cross-section	mm²	IEC: 10 / UL: 25 (C) / CSA: 25 (C)	IEC: 16 / UL: 30 (C) / CSA: 30 (C)
Rated impulse withstand voltage / Pollution severity		IEC: 10 / UL: AWG 22...8 / CSA: AWG 22...8	IEC: 10 / UL: AWG 22...8 / CSA: AWG 22...8
Gauge to IEC 60947-1 / Flammability class UL94		6 kV / 3	6 kV / 3
Approvals		B6 / V-0	B6 / V-0
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	**Rated connection**	**Rated connection**
Flexible / Flexible with ferrule	mm²	0.5...16 / 0.5...10	0.5...16 / 0.5...10
Tightening torque range (terminal screw)		0.5...10 / 0.5...10	0.5...10 / 0.5...10
Stripping length / Blade size	mm/-	1.2...2.4 Nm (M 4)	1.2...2.4 Nm (M 4)
		12 / 1.0 x 5.5 mm	14 / 1.0 x 5.5 mm
Note		Connections for stranded conductors from 10 mm² and AWG conductors require a tightening torque of 2 Nm.	400 V also available with Neozed shipbuilding fuse. When connecting wires of 10 mm² or larger; the torque for stranded and 7-core AWG wires is 2 Nm.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	SAKS 2/35 DB	20	**1368700000**
Note	Material Duroplast KRG		

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	SAKS 4/35 DB	20	**0501800000**
Note	Material Duroplast KRG		

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAKS2	36 A	20	**0207800000**
3-pole				
4-pole	QL 4 SAKS2	36 A	20	**0208000000**
10-pole	QL 10 SAKS2	36 A	20	**0338900000**
Lock washer	SS M4 D 128-A 4		100	**0136400000**
Mounting screw	BFSC M4X9T		100	**0103300000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WTW EN	3 mm	20	**1058800000**
Screw cover cap				
SK	SK E16/SAKS2		25	**0284110000**
Fuse cartridges				
	E 16/10A RT TNDZ		25	**0208500000**
	E 16/16A GR TNDZ		25	**0208600000**
	E 16/20A BL TNDZ		25	**0208700000**
	E 16/25A GE TNDZ		25	**0208800000**
Gauge rings				
	P 16/10 RT SAKS2		100	**0208900000**
	P 16/16 GR SAKS2		100	**0209000000**
	P 16/20 BL SAKS2		100	**0209100000**

Screwable cross-connection	Type	current	Qty.	Order No.
	QL 2 SAKS4	36 A	20	**0328000000**
	QL 3 SAKS4	36 A	20	**0328100000**
	QL 10 SAKS4	36 A	20	**0339000000**
	SS M4 D 128-A 4		100	**0136400000**
	BFSC M4X9T		100	**0103300000**
		Width		
	WTW EN	3 mm	20	**1058800000**
	SK E14 SAKS4		20	**0339410000**
	E 14/2A RS		10	**0137400000**
	E 14/4A BR		10	**0137500000**
	E 14/6A GN		10	**0328300000**
	E 14/10A RT		10	**0328400000**
	P 14/2 D01 RS SAKS4		50	**0138000000**
	P 14/4 D01 BR SAKS4		50	**0138100000**

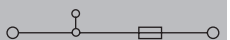
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5	DEK 5/5
Note	Replacement screw cover cap, Order no. 0284110000 (qty. 20).	Replacement screw cover cap, Order no. 0339410000 (qty. 20).

SAKS 5/35 DB — 10 mm²

D 02 fuse E 18

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	28 x 80 x 66
max. current / max. cond. cross-section	A/mm²	**63 / 16**
Max. clamping range	mm²	**1.5...16**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA
Rated voltage to adjoining terminal	400	600 (C)	600 (C)
Rated current	57	40 (C)	63 (C)
Rated cross-section	10	AWG 14...6	AWG 14...6
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		B7 / V-0	
Approvals			
Clamped conductors (H05V/H07V)	**Rated connection**		
Solid / stranded mm²	1.5...16 / 1.5...16		
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...16		
Tightening torque range (terminal screw)	1.2...2.4 Nm (M 4)		
Stripping length / Blade size mm/-	13 / 1.0 x 5.5 mm		

Note

400 V also available with Neozed shipbuilding fuse. When connecting wires of 10 mm² or larger; the torque for stranded and 7-core AWG wires is 2 Nm.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, w/o LED	SAKS 5/35 DB	20	**0502100000**
Note	Material Duroplast KRG		

Accessories

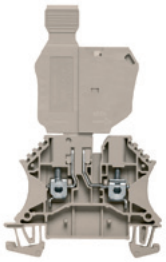
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAKS2	36 A	20	**0207800000**
3-pole				
4-pole	QL 4 SAKS2	36 A	20	**0208000000**
10-pole	QL 10 SAKS2	36 A	20	**0338900000**
Lock washer	SS M4 D 128-A 4		100	**0136400000**
Mounting screw	BFSC M4X9T		100	**0103300000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WTW EN	3 mm	20	**1058800000**
Screw cover cap				
SK	SK E18 SAKS5		20	**0359310000**
Fuse cartridges				
	E 18/20A BL		10	**0361300000**
	E 18/25A GE		10	**0361400000**
	E 18/35A SW		10	**0361500000**
Gauge rings				
	P 18/20 D02 BL SAKS5		50	**0361800000**
	P 18/25 D02 GE SAKS5		50	**0361900000**
	P 18/35 D02 SW SAKS5		50	**0362000000**
	P 18/50 D02 WS SAKS5		50	**0362100000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5
Note	Replacement screw cover cap, Order no. 0359310000 (qty. 20).

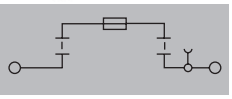
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

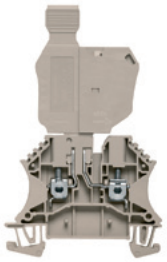
WTR 2.5/SI — 2.5 mm²



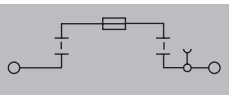
5.1 x 60 x 97.5
6.3 / 4
0.05...4



WTR 4/SI — 4 mm²



6.1 x 60 x 97.5
6.3 / 6
0.22...6



Technical data

Rated data	WTR 2.5/SI	WTR 4/SI
Rated voltage to adjoining terminal	IEC 60947-7-3	IEC 60947-7-3
Rated current	IEC / UL / CSA	IEC / UL / CSA
Rated cross-section	400 / 600 (C) / 300 (B)	400 / 250 (C) / 250 (D)
Rated impulse withstand voltage / Pollution severity	6.3 / 10 (C) / 10 (B)	6.3 / 6.3 (C) / 6.3 (D)
Gauge to IEC 60947-1 / Flammability class UL94	2.5 / AWG 22...12 / AWG 26...12	4 / AWG 22...10 / AWG 22...10
Approvals	6 kV / 3	6 kV / 3
	A3 / V-0	A4 / V-0
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / stranded	0.5...4 / 1.5...4	0.5...6 / 1.5...6
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5	0.5...4 / 0.5...4
Tightening torque range (terminal screw)	0.4 0.8 Nm (M 2.5)	0.5 1 Nm (M 3)
Stripping length / Blade size	10 / 0.6 x 3.5 mm	13 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	0.5...1.5	0.5...2.5
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).	The rated current of the terminal is determined by the max. power loss of 1.6 W at the cartridge fuse.

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
400 V AC/DC, w/o LED	WTR 2.5/SI	25	**1763940000**	WTR 4 SI	25	**7910240000**
10-36 V AC/DC, with LED	WTR 2.5/SI LD 36V	25	**1763950000**	WTR 4/SI LD 36V	25	**7914370000**
30-70 V AC/DC, with LED				WTR 4/SI LD 70V	25	**7914380000**
60-150 V AC/DC, with LED				WTR 4/SI LD 150V	25	**7914390000**
140-250 V AC/DC, with LED				WTR 4/SI LD 250V	25	**7914400000**
Note	UL/CSA specified for 400 V fuse cartridge; otherwise the specified voltage range is also valid for UL/CSA.			UL/CSA specified for 400 V fuse cartridge; otherwise the specified voltage range is also valid for UL/CSA.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**	ZQV 4N/2 GE	32 A	60	**1758250000**
3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**	ZQV 4N/3 GE	32 A	60	**1762630000**
4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**	ZQV 4N/4 GE	32 A	60	**1762620000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**	ZQV 4N/10 GE	32 A	20	**1758260000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0,25 A fast	G 20/0.25A/F		10	**0430500000**	G 20/0.25A/F		10	**0430500000**
0,50 A fast	G 20/0.50A/F		10	**0430600000**	G 20/0.50A/F		10	**0430600000**
1,00 A fast	G 20/1.00A/F		10	**0430700000**	G 20/1.00A/F		10	**0430700000**
2,00 A fast	G 20/2.00A/F		10	**0430900000**	G 20/2.00A/F		10	**0430900000**
Screwdriver								
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 12/5	DEK 5/6 / WS 12/6
Note	Cross-connection options for WTR 2.5, refer to the "W-Series Accessories" section.	

Cartridge fuses

Technical data

Ordering data

For terminal type	Size (mm)	Nom. current (A)	Type		Qty.	Order No.
G-type cartridge fuses 5 x 20 **without** indicators to IEC 60127-2 (VDE 0820 pt.2 BI[1])						
WSI 4 WSI 6		0.1	(F)	G 20/0.10A/F	10	**0430300000**
	5 x 20	0.2	(F)	G 20/0.20A/F	10	**0430400000**
	breaking capacity 1500 A	0.25	(F)	G 20/0.25A/F	10	**0430500000**
	(at 250 V, 50 Hz, cos φ 0.7)	0.5	(F)	G 20/0.50A/F	10	**0430600000**
		0.63	(F)	G 20/0.63A/F	10	**0439000000**
		1.0	(F)	G 20/1.00A/F	10	**0430700000**
		1.6	(F)	G 20/1.60A/F	10	**0430800000**
		2.0	(F)	G 20/2.00A/F	10	**0430900000**
		2.5	(F)	G 20/2.50A/F	10	**0431000000**
		3.15	(F)	G 20/3.15A/F	10	**0431100000**
		4.0	(F)	G 20/4.00A/F	10	**0431200000**
		5.0	(F)	G 20/5.00A/F	10	**0431300000**
		6.3	(F)	G 20/6.30A/F	10	**0431400000**
		(M) = medium-blow (F) = fast-blow				
G-type cartridge fuses 5 x 25 **with** indicators to DIN 41576[1]						
WSI 6		0.25	(M)	G 25/0.25A/M	10	**0546900000**
	5 x 25 m. K.[1]	0.5	(M)	G 25/0.50A/M	10	**0510300000**
	breaking capacity 80 A	0.8	(M)	G 25/0.80A/M	10	**0646400000**
	(at 250 V, 50 Hz, cos φ = 1	1	(M)	G 25/1.00A/M	10	**0265800000**
		10	(M)[5])	G 25/10.0A/M	10	**0193100000**
		2	(F)	G 25/2.00A/F	10	**0192700000**
		4	(F)	G 25/4.00A/F	10	**0192800000**
		6.3	(F)	G 25/6.30A/F	10	**0192900000**
		(M) = medium-blow (F) = fast-blow				
Cartridge fuses 1¼" x ¼" **without** indicators to BS 88						
WSI 4/2 WSI 6/2	33 kA breaking capacity, 33 kA fast-blow	0.5		GZ 0.5A/F	10	**0533800000**
	E 0.5 A	1		GZ 1.0A/F	10	**0525500000**
	E 1 A	2		GZ 2.0A	10	**0294500000**
	E 2 A	3		GZ 3.0A	10	**0295700000**
	E 3 A	5		GZ 5.0A	10	**0294600000**
	E 5 A	7		GZ 7.0A	10	**0295800000**
	E 7 A	10		GZ 10.0A	10	**0293900000**
	E 10 A	12.5		GZ 12.5A/FF	10	**0245400000**
		(M) = medium-blow (F) = fast-blow				
D-type cartridge fuses E 16 **with** indicators to DIN 49360 (Diazed)						
SAKS 2	E 10 A	10		E 16/10A RT	25	**0208500000**
	E 16 A	16		E 16/16A GR	25	**0208600000**
	E 20 A	20		E 16/20A BL	25	**0208700000**
	E 25 A	25		E 16/25A GE	25	**0208800000**
		(M) = medium-blow (F) = fast-blow				
D-type cartridge fuses E 14 size D 01 and E 18 size D 02 **with** indicators to DIN 49522 (Neozed)[3]						
SAKS 4 4)	E 14/2	2		E 14/2A RS	10	**0137400000**
	E 14/4	4		E 14/4A BR	10	**0137500000**
	E 14/6	6		E 14/6A GN	10	**0328300000**
	E 14/10	10		E 14/10A RT	10	**0328400000**
	E 14/16	16		E 14/16A GR	10	**0328500000**
SAKS 5	E 18/20	20		E 18/20A BL	10	**0361300000**
	E 18/25	25		E 18/25A GE	10	**0361400000**
	E 18/35	35		E 18/35A SW	10	**0361500000**
	E 18/50	50		E 18/50A WS	10	**0361600000**
	E 18/63	63		E 18/63A KU	10	**0361700000**
		(M) = medium-blow (F) = fast-blow				

Notes:
1) SIBA also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V~ shipbuilding applications.
2) Cartridge fuses 5 x 30 (500 V~) for SAKS 3 are available from the WICKMANN company.
3) LINDNER also supplies the Neozed cartridge fuses in another version suitable for 440 V~ shipbuilding applications.
4) Cartridge fuses in the sizes 1"x¼" (25.4 x 6.35 mm) and 13/32"x1½" (10.3 x 38.1 mm) are not included in the range.
5) For SAKS 1 and SAKS 7 only.

In photovoltaic applications, fusing of individual strings is needed.

Specially designed fuses should be used as this deals with DC voltages and current. AC fuses are not suitable.

The range from 2 to 20 Amperes and up to 1000 V DC can be covered with safety fuses, size 10 x 38 mm.

Safety fuses, 10 x 38 mm

Technical data

Electrical data								
Rated current	A	2	4	6	8	10	12	16	20
Rated voltage	V	1000							
Rated breaking capacity		30 kA @ DC 1000 V (2 ms)							
Melting integral		3	10	45	5	7	10	30	52
Power output		1.2	1.8	2.5	1.6	2	2.4	2.1	2.5
Additional data									
Size	mm	10 x 38							
Test dropout voltage		1000 V DC							
Characteristics		gPV/IEC (If = 1.45 x In) gR/UL E180276							
Standard		IEC 60 269-6; As at 2009 UL 248-13							
Note									

Ordering data

Order No.		**1224870000**	**1224880000**	**1224890000**	**1224900000**	**1224910000**	**1224920000**	**1224930000**	**1224950000**
Qty.		10							
Note									

Gauge pieces

Technical data

Ordering data

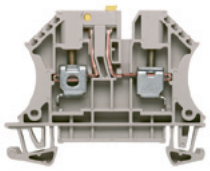
For terminal type	Gauge piece type	Amps	Colour	Type	Qty.	Order No.
SAKS 4/35	P 14/2	2	pink	P 14/2D01 RS	50	**0138000000**
	P 14/4	4	brown	P 14/4D01 BR	50	**0138100000**
	P 14/6	6	green	P 14/6D01 GN	50	**0328600000**
	P 14/1	10	red	P 14/10D01 RT	50	**0328700000**
SAKS 5/35	P 18/20	20	blue	P 18/20D02 BL	50	**0361800000**
	P 18/25	25	yellow	P 18/25D02 GE	50	**0361900000**
	P 18/35	35	black	P 18/35D02 SW	50	**0362000000**
	P 18/50	50	white	P 18/50D02 WS	50	**0362100000**
SAKS 2/35	P 16/10	10	red	P 16/10 RT	100	**0208900000**
	P 16/16	16	grey	P 16/16 GR	100	**0209000000**
	P 16/20	20	blue	P 16/20 BL	100	**0209100000**

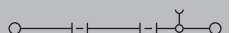
Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WTR 2.5 — 2.5 mm²

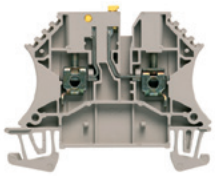
With clamping screw





WTR 2.5 STB — 2.5 mm²

With sockets



		WTR 2.5	WTR 2.5 STB
Width/Length/Height of lowest version	mm	5.1 x 60 x 49	5.1 x 60 x 49
max. current / max. cond. cross-section	A/mm²	**24 / 4**	**24 / 4**
Max. clamping range	mm²	**0.05...4**	**0.05...4**

Technical data

		WTR 2.5	WTR 2.5 STB
Rated data		IEC 60947-7-1	IEC 60947-7-1
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage	V	500 / 600 (C) / 300 (C)	500 / 600 (C) / 300 (D)
Rated current	A	24 / 20 (C) / 10 (C)	24 / 20 (C) / 10 (D)
Rated cross-section	mm²	2.5 / AWG 30...12 / AWG 26...12	2.5 / AWG 30...12 / AWG 26...12
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-7-1 / Flammability class UL94		A3 / V-0	A3 / V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)		0.4...0.8 Nm (M 2.5)	0.5...0.7 Nm (M 3)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded	mm²	0.5...1.5	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Note		2.5 mm² conductor with ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).	2.5 mm² conductor with ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).

Ordering data

Version	WTR 2.5 Type	Qty.	Order No.	WTR 2.5 STB Type	Qty.	Order No.
Dark beige Wemid	WTR 2.5	100	**1855610000**	WTR 2.5 STB2.3	100	**1855620000**
Blue Wemid	WTR 2.5 BL	100	**8731640000**	WTR 2.5 STB2.3 BL	100	**8731660000**
Without isolator, Dark beige Wemid	WTR 2.5/O.TNHE	100	**8731700000**	WTR 2.5/O.TNHE STB2.3	100	**8731670000**
Without STB						
Note						

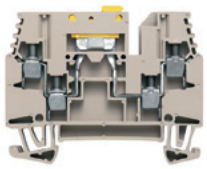
Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**	ZQV 2.5N/2 GE	24 A	60	**1693800000**
3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**	ZQV 2.5N/3 GE	24 A	60	**1693810000**
4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**	ZQV 2.5N/4 GE	24 A	60	**1693820000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**	ZQV 2.5N/10 GE	24 A	20	**1693880000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid								
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	**7921560000**	SIHA 3/G20	5.95 mm	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**	SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**	SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
Module connector (max, 250 V)								
without fittings	BEST	5.1 mm	50	**1833100000**	BEST	5.1 mm	50	**1833100000**
with wire jumper	BEST/DRBR	5.1 mm	50	**1878570000**	BEST/DRBR	5.1 mm	50	**1878570000**
With 1N4007 diode	BEST/D	5.1 mm	50	**1878560000**	BEST/D	5.1 mm	50	**1878560000**
Disconnect plug								
removable, as replacement for release lever	TNST		50	**1833090000**	TNST		50	**1833090000**
Screwdriver								
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**

		WTR 2.5	WTR 2.5 STB
Identification systems	(see assortment in catalogue 7)		
Marking tags		DEK 5/5 / WS 12/5	DEK 5/5 / WS 12/5
Note			

WTR 2.5/ZZ — 2.5 mm²

Twin connection



5.1 x 60 x 47
14 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA
400	300 (D)	300 (D)
14	10 (D)	10 (D)
2.5	AWG 22...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 Nm (M 3)
7 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTR 2.5/ZZ	100	1039900000
WTR 2.5/ZZ BL	100	1039980000

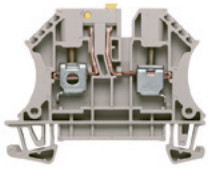
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
	Width		
WAP WTR2.5/ZZ	1.5 mm	20	1074600000
WEW 35/2	8 mm	100	1061200000
SIHA 1/G20	5.95 mm	25	9537550000
SIHA 1/G20 10-36V	5.95 mm	25	9537560000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 12/5

WTR 4 — 4 mm²

With clamping screw



6.1 x 60 x 49
32 / 6
0.22...6

IEC 60947-7-1

IEC	UL	CSA
400	300 (D)	300 (C)
32	10 (D)	10 (C)
4	AWG 22...10	AWG 22...10
	6 kV / 3	
	A4 / V-0	

Rated connection
0.5...6 / 1.5...4
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

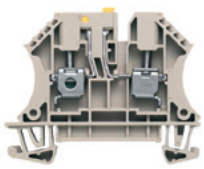
Type	Qty.	Order No.
WTR 4	50	7910180000
WTR 4 BL	50	7910190000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

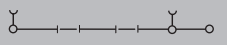
WS 12/5

WTR 4 STB — 4 mm²

With socket



6.1 x 60 x 49
32 / 6
0.22...6



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10
	6 kV / 3	
	A4 / V-0	

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTR 4 STB	50	7910210000
WTR 4 STB BL	50	7910220000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

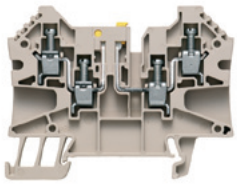
WS 12/5

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

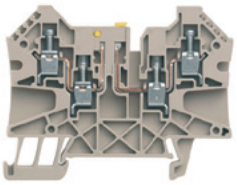
WTR 4/ZZ — 4 mm²

Twin connection with clamping screw



WTR 4/ZZ STB — 4 mm²

Twin connection with socket



Width/Length/Height of lowest version	mm	6.1 x 70 x 53.5	6.1 x 70 x 53.5
max. current / max. cond. cross-section	A/mm²	**27 / 6**	**27 / 6**
Max. clamping range	mm²	**0.05...6**	**0.05...6**

Technical data

Rated data		IEC 60947-7-1	IEC 60947-7-1
		IEC / UL / CSA	IEC / UL / CSA
Rated voltage	V	500 / 600 (C) / 600 (C)	500 / 600 (C) / 600 (C)
Rated current	A	27 / 25 (C) / 25 (C)	27 / 25 (C) / 25 (C)
Rated cross-section	mm²	4 / AWG 30...10 / AWG 30...10	4 / AWG 30...10 / AWG 30...10
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A4 / V-0	A4 / V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)	0.5...1 Nm (M 3)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded	mm²	0.5...1.5	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Note			

Ordering data

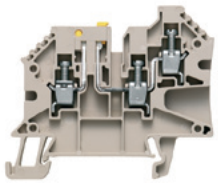
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WTR 4/ZZ	50	**1905090000**	WTR 4/ZZ STB	50	**1905100000**
Blue Wemid						
Without isolator, Dark beige Wemid						
Without STB						
Note						

Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 4N/2 GE	32 A	60	**1758250000**	ZQV 4N/2 GE	32 A	60	**1758250000**
3-pole	ZQV 4N/3 GE	32 A	60	**1762630000**	ZQV 4N/3 GE	32 A	60	**1762630000**
4-pole	ZQV 4N/4 GE	32 A	60	**1762620000**	ZQV 4N/4 GE	32 A	60	**1762620000**
10-pole	ZQV 4N/10 GE	32 A	20	**1758260000**	ZQV 4N/10 GE	32 A	20	**1758260000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDU/WTR4/ZZ	1.5 mm	50	**1905150000**	WAP WDU/WTR4/ZZ	1.5 mm	50	**1905150000**
Dark beige Wemid								
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	**7921560000**	SIHA 3/G20	5.95 mm	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**	SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**	SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
Module connector (max, 250 V)								
without fittings	BEST	5.1 mm	50	**1833100000**	BEST	5.1 mm	50	**1833100000**
with wire jumper	BEST/DRBR	5.1 mm	50	**1878570000**	BEST/DRBR	5.1 mm	50	**1878570000**
With 1N4007 diode	BEST/D	5.1 mm	50	**1878560000**	BEST/D	5.1 mm	50	**1878560000**
Disconnect plug								
removable, as replacement for release lever	TNST		50	**1833090000**	TNST		50	**1833090000**
Screwdriver								
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**
Identification systems (see assortment in catalogue 7)								
Marking tags	WS 12/5				WS 12/5			
Note								

WTR 4/ZR — 4 mm²

Supplementary connection, right, with clamping screw



6.1 x 63.5 x 53.5
27 / 6
0.05...6

IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	600 (C)
27	25 (C)	25 (C)
4	AWG 30...10	AWG 30...10
	6 kV / 3	
	A4 / V-0	

Rated connection
0.5...6 / 0.5...6
0.5...4
0.5...1 Nm (M 3)
10 / 0.6 x 3.5 mm
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5

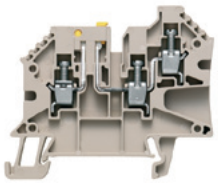
Type	Qty.	Order No.
WTR 4/ZR	50	**1905080000**

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	**1758250000**
ZQV 4N/3 GE	32 A	60	**1762630000**
ZQV 4N/4 GE	32 A	60	**1762620000**
ZQV 4N/10 GE	32 A	20	**1758260000**
	Width		
WAP WDU/WTR4/ZR	1.5 mm	50	**1905070000**
WEW 35/2	8 mm	100	**1061200000**
SIHA 3/G20	5.95 mm	25	**7921560000**
SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
BEST	5.1 mm	50	**1833100000**
BEST/DRBR	5.1 mm	50	**1878570000**
BEST/D	5.1 mm	50	**1878560000**
TNST		50	**1833090000**
SDS 0.6X3.5X100		1	**9008330000**

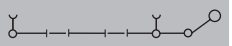
DEK 5/5 / WS 12/5

WTR 4/ZR STB — 4 mm²

Supplementary connection, right, with socket



6.1 x 63.5 x 53.5
27 / 6
0.05...6



IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	600 (C)
27	25 (C)	25 (C)
4	AWG 30...10	AWG 30...10
	6 kV / 3	
	A4 / V-0	

Rated connection
0.5...6 / 0.5...6
0.5...4 / 0.5...4
0.5...1 Nm (M 3)
10 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTR 4/ZR STB	50	**1905110000**

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	**1758250000**
ZQV 4N/3 GE	32 A	60	**1762630000**
ZQV 4N/4 GE	32 A	60	**1762620000**
ZQV 4N/10 GE	32 A	20	**1758260000**
	Width		
WAP WDU/WTR4/ZR	1.5 mm	50	**1905070000**
WEW 35/2	8 mm	100	**1061200000**
SIHA 3/G20	5.95 mm	25	**7921560000**
SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
BEST	5.1 mm	50	**1833100000**
BEST/DRBR	5.1 mm	50	**1878570000**
BEST/D	5.1 mm	50	**1878560000**
TNST		50	**1833090000**
SDS 0.6X3.5X100		1	**9008330000**

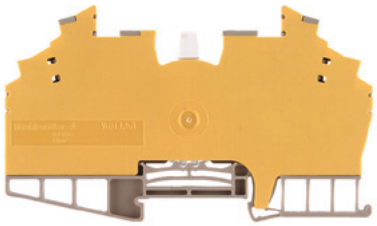
DEK 5/5 / WS 12/5

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

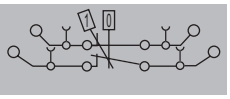
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDT 1.5/1 — 1.5 mm²

Disconnection lower level

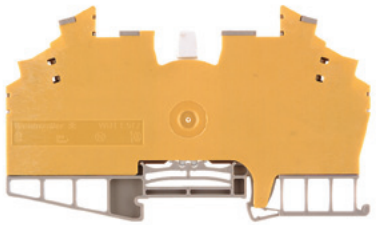


Width/Length/Height of lowest version	6.4 x 112 x 66.75
max. current / max. cond. cross-section	**10 / 2.5**
Max. clamping range	**0.13...2.5**

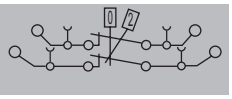


WDT 1.5/2 — 1.5 mm²

Disconnection both levels



Width/Length/Height of lowest version	6.4 x 112 x 66.75
max. current / max. cond. cross-section	**10 / 2.5**
Max. clamping range	**0.13...2.5**



Technical data

Rated data	WDT 1.5/1	WDT 1.5/2
Rated voltage (V)	IEC 60947-7-1	IEC 60947-7-1
Rated current (A)	IEC / UL / CSA	IEC / UL / CSA
Rated cross-section (mm²)	250 / 300 (C) / 300 (D)	250 / 300 (C) / 300 (D)
Rated impulse withstand voltage / Pollution severity	10 / 10 (C) / 10 (D)	10 / 10 (C) / 10 (D)
Gauge to IEC 60947-1 / Flammability class UL94	1.5 / AWG 22...14 / AWG 26...14	1.5 / AWG 22...14 / AWG 26...14
Approvals	4 kV / 3	4 kV / 3
	A2 / V-0	A2 / V-0
	cULus	cULus
Clamped conductors (H05V/H07V)		
Solid / stranded (mm²)	0.5...2.5 / 1.5...2.5	0.5...2.5 / 1.5...2.5
Flexible / Flexible with ferrule (mm²)	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded (mm²)	...2.5	...2.5
Flexible / Flexible with ferrule (mm²)		
Note		

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDT 1.5/1 DB/GE	25	**1015800000**
Blue Wemid			
Without isolator, Dark beige Wemid			
Without STB			
Note			

Type	Qty.	Order No.
WDT 1.5/2 DB/GE	25	**1015900000**

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
End plate / Partition plate				
Dark beige Wemid				
Dark beige Wemid				
End bracket		Width		
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED				
10 - 36 V AC/DC, red LED				
140 - 250 V AC/DC, red LED				
Module connector (max, 250 V)				
without fittings				
with wire jumper				
With 1N4007 diode				
Disconnect plug				
removable, as replacement for release lever				
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**9008330000**

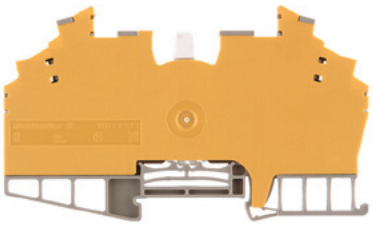
Pluggable cross-connection	Type	current	Qty.	Order No.
		Width		
	WEW 35/2	8 mm	100	**1061200000**
	SDS 0.6X3.5X100		1	**9008330000**

Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/6.5 / WS 8/5			
Note				

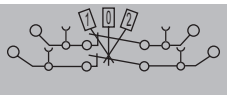
	DEK 5/6.5 / WS 8/5			

WDT 1.5/3 — 1.5 mm²

Disconnection lower level or both levels



6.4 x 112 x 66.75
10 / 2.5
0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
250	300 (C)	300 (D)
10	10 (C)	10 (D)
1.5	AWG 22...14	AWG 26...14
	4 kV / 3	
	A2 / V-2	

Rated connection
0.5...2.5 / 1.5...2.5
0.5...1.5 / 0.5...1.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm
...2.5

WDT 1.5/3 BL/HB Order no. 1016160000 flammability rating V2.

Type	Qty.	Order No.
WDT 1.5/3 DB/GE	25	**1016000000**
WDT 1.5/3 BL/HB	25	**1016160000**

Type	current	Qty.	Order No.
	Width		
WEW 35/2	8 mm	100	**1061200000**
SDS 0.6X3.5X100		1	**9008330000**

DEK 5/6.5 / WS 8/5

WDTR 2.5 — 2.5 mm²

Double disconnect terminal

6.2 x 94 x 69.5
14 / 4
0.05...4

IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
10	10 (C)	10 (D)
2.5	AWG 26...12	AWG 30...12
	4 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...2.5 / 0.5...2.5
0.5...0.6 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDTR 2.5	25	**9528070000**
WDTR 2.5 BL	25	**9528080000**
WDTR 2.5 0.STB	25	**1298020000**

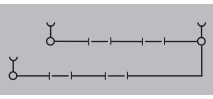
Type	current	Qty.	Order No.
	Width		
WEW 35/1	12 mm	50	**1059000000**
SIHA 1/G20	5.95 mm	25	**9537550000**
SIHA 1/G20 10-36V	5.95 mm	25	**9537560000**
SDS 0.6X3.5X100		1	**9008330000**

DEK 5/6 / WS 8/5

External cross-connection is possible with the VQB 1.5/50. Refer to "Accessories" Chapter.

WDTR 2.5/WE — 2.5 mm²

6.2 x 81 x 69.5
23 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400		
10		
2.5		
	4 kV / 3	
	A3 / V-0	

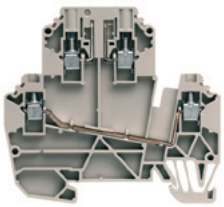
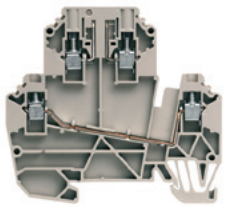
Rated connection
0.5...4 / 1.5...4
0.5...2.5 / 0.5...2.5
0.5...0.6 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDTR 2.5/WE	25	**9528090000**
WDTR 2.5/WE 0.STB	25	**1297850000**

Type	current	Qty.	Order No.
	Width		
WEW 35/1	12 mm	50	**1059000000**
SIHA 1/G20	5.95 mm	25	**9537550000**
SIHA 1/G20 10-36V	5.95 mm	25	**9537560000**
SDS 0.6X3.5X100		1	**9008330000**

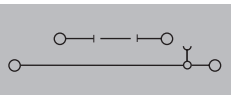
DEK 5/6 / WS 8/5

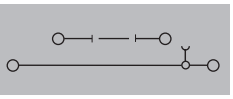
External cross-connection is possible with the VQB 1.5/50. Refer to "Accessories" Chapter.

	WDK 2.5/TR-DU	2.5 mm²	WDK 2.5/TR-DU/STB	2.5 mm²
	NEW		NEW	
				

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	5.1 x 72.5 x 67	5.1 x 72.5 x 67
max. current / max. cond. cross-section	A/mm²	/ 4	/ 4
Max. clamping range	mm²	0.5...4	0.5...4





Technical data

Rated data		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	690	300 (C)	300 (C)	690	300 (C)	300 (C)
Rated current	A	24	20 (C)	20 (C)	24	20 (C)	20 (C)
Rated cross-section	mm²	2.5	AWG 30...12	AWG 30...12	2.5	AWG 30...12	AWG 30...12
Rated impulse withstand voltage / Pollution severity			8 kV / 3			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A2 / V-0			A2 / V-0	
Approvals							
Clamped conductors (H05V/H07V)							
Solid / stranded	mm²	Rated connection			Rated connection		
Flexible / Flexible with ferrule	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Tightening torque range (terminal screw)		0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Stripping length / Blade size	mm/-	0.5...1 Nm (M 3)			0.5...1 Nm (M 3)		
2 conductors with same cross-section (H05V/H07V)		/ 0.6 x 3.5 mm			/ 0.6 x 3.5 mm		
Solid / stranded	mm²						
Flexible / Flexible with ferrule	mm²						
Note							

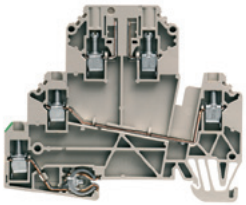
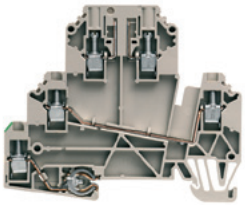
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5/TR-DU	50	1247290000	WDK 2.5/TR-DU STB	50	1247310000
Without isolator, Dark beige Wemid	WDK 2.5/TR-DU/o TNHE	50	1833600000	WDK 2.5/TR-DU/o TNHE StB	50	1833610000
Note						

Accessories

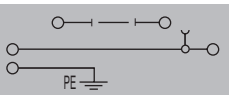
	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Screwable cross-connection	WQV 2.5/2	32 A	50	1053660000	WQV 2.5/2	32 A	50	1053660000
2-pole	WQV 2.5/3	32 A	50	1053760000	WQV 2.5/3	32 A	50	1053760000
3-pole	WQV 2.5/4	32 A	50	1053860000	WQV 2.5/4	32 A	50	1053860000
4-pole	WQV 2.5/10	32 A	20	1054460000	WQV 2.5/10	32 A	20	1054460000
10-pole		Width				Width		
End plate / Partition plate	WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000	WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000
Dark beige Wemid								
End bracket	WEW 35/1	12 mm	50	1059000000	WEW 35/1	12 mm	50	1059000000
Dark beige Wemid								
Holder for cartridge fuse 5 x 20mm	SIHA 3/G20	5.95 mm	25	7921560000	SIHA 3/G20	5.95 mm	25	7921560000
400 V AC/DC, without LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
140 - 250 V AC/DC, red LED								
Module connector (max, 250 V)	BEST	5.1 mm	50	1833100000	BEST	5.1 mm	50	1833100000
without fittings	BEST/DRBR	5.1 mm	50	1878570000	BEST/DRBR	5.1 mm	50	1878570000
with wire jumper	BEST/D	5.1 mm	50	1878560000	BEST/D	5.1 mm	50	1878560000
With 1N4007 diode								
Disconnect plug	TNST		50	1833090000	TNST		50	1833090000
removable, as replacement for release lever								
Screwdriver	SDS 0.6X3.5X100		1	9008330000	SDS 0.6X3.5X100		1	9008330000
Standard								

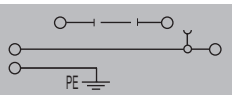
Identification systems (see assortment in catalogue 7)			
Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5	
Note			

	WDK 2.5/TR-DU-PE	2.5 mm²	WDK 2.5/TR-DU-PE/STB	2.5 mm²
	NEW		NEW	
				

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	5.1 x 80.5 x 67	5.1 x 80.5 x 67
max. current / max. cond. cross-section	A/mm²	/ 4	/ 4
Max. clamping range	mm²	0.5...4	0.5...4





Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	690	300 (C)	300 (C)
Rated current	A	24	20 (C)	20 (C)
Rated cross-section	mm²	2.5	AWG 30...12	AWG 30...12
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A2 / V-0	
Approvals				
Clamped conductors (H05V/H07V)				
Solid / stranded	mm²			
Flexible / Flexible with ferrule	mm²			
Tightening torque range (terminal screw)				
Stripping length / Blade size	mm/-			
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²			
Flexible / Flexible with ferrule	mm²			
Note				

Rated data		IEC	UL	CSA
Rated voltage	V	690	300 (C)	300 (C)
Rated current	A	24	20 (C)	20 (C)
Rated cross-section	mm²	2.5	AWG 30...12	AWG 30...12
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A2 / V-0	
Approvals				
Clamped conductors (H05V/H07V)				
Solid / stranded	mm²			
Flexible / Flexible with ferrule	mm²			
Tightening torque range (terminal screw)				
Stripping length / Blade size	mm/-			
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded	mm²			
Flexible / Flexible with ferrule	mm²			
Note				

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5/TR-DU-PE	50	1247420000
Without isolator, Dark beige Wemid	WDK 2.5/TR-DU-PE/o TNHE	50	1833640000
Note			

Version	Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5/TR-DU-PE STB	50	1247430000
Without isolator, Dark beige Wemid	WDK 2.5/TR-DU-PE/o TNHE StB	50	1833670000
Note			

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
3-pole	WQV 2.5/3	32 A	50	1053760000
4-pole	WQV 2.5/4	32 A	50	1053860000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000
End bracket				
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	9008330000

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
3-pole	WQV 2.5/3	32 A	50	1053760000
4-pole	WQV 2.5/4	32 A	50	1053860000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000
End bracket				
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	9008330000

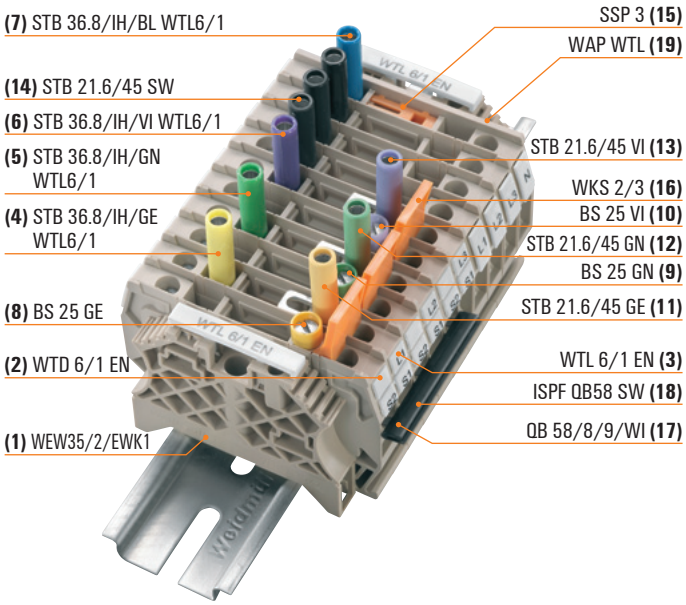
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note		

Testing made easy
WTL 6/1 EN, WTD 6/1 EN, WTQ 6/1 EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers “run hot” and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

You can solve many switching tasks - clearly and affordably – with the WTL 6/1 EN test-disconnect terminal, the WTD 6/1 EN feed-through terminal, and the WTQ 6/1 EN cross-disconnect terminal.

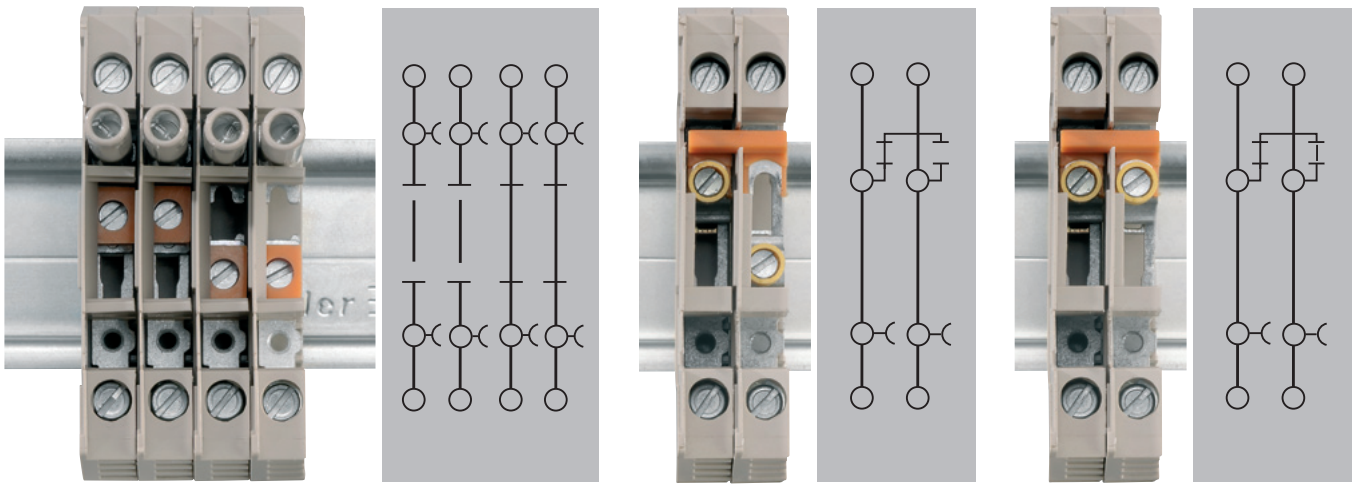
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



STB 21.6/45

VH 16

WAP WTL



Example transformer using WTL 6/1 EN

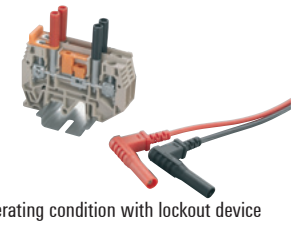
Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTD 6/1 EN	1934830000	1934830000	3
3	WTL 6/1 EN	1934810000	1934810000	7
4	STB 36.8/IH/GE WTL6/1	1847760000	1847760000	1
5	STB 36.8/IH/GN WTL6/1	1847770000	1847770000	1
6	STB 36.8/IH/VI WTL6/1	1847780000	1847780000	1
7	STB 36.8/IH/BL WTL6/1	1847790000	1847790000	1
8	BS 25 GE	0335700000	0335700000	1
9	BS 25 GN	0335600000	0335600000	1
10	BS 25 VI	0335800000	0335800000	1
11	STB 21.6/45 GE	1936240000	1936240000	2
12	STB 21.6/45 GN	1936250000	1936250000	2
13	STB 21.6/45 VI	1936260000	1936260000	2
14	STB 21.6/45 SW	1936270000	1936270000	2
15	SSP 3	0531760000	0531760000	7
16	WKS 2/3	1936140000	1936140000	3
17	QB 58/8/9/WI	0545300000	0545300000	1
18	ISPF QB58 SW	0546000000	0546000000	1
19	WAP WTL	1957710000	1957710000	1
20	VH 16	0309700000	0309700000	9

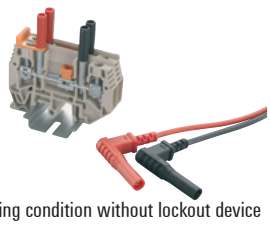
Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
21	QB 58*angled	0545300000	0545300000	1
22	ISPFQB58SW*	0546000000	0546000000	1

* Shorten to 5 poles

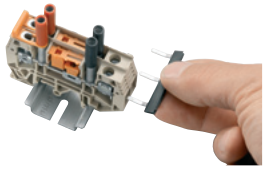


Operating condition with lockout device



Operating condition without lockout device

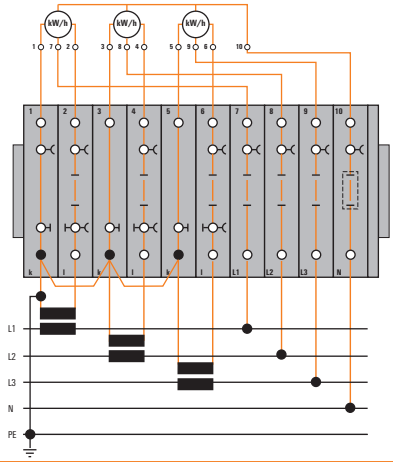
Testing condition with open disconnecting slider



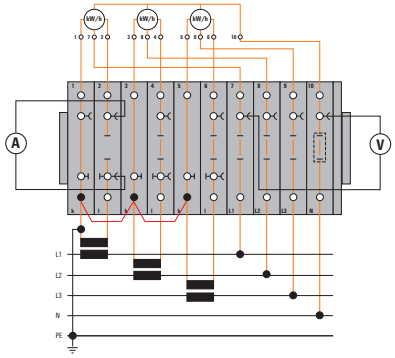
External cross-bridges

Operating status

(with external distribution of k-point)



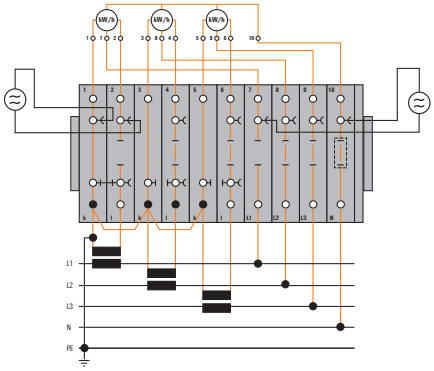
Comparison measurement for L1



Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

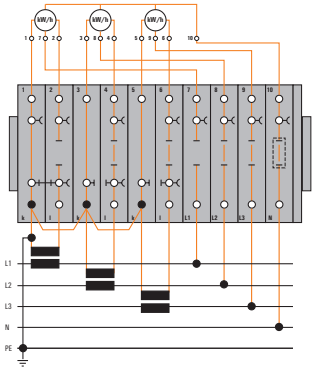
Meter test for L1 through external power supply



Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on operating status:

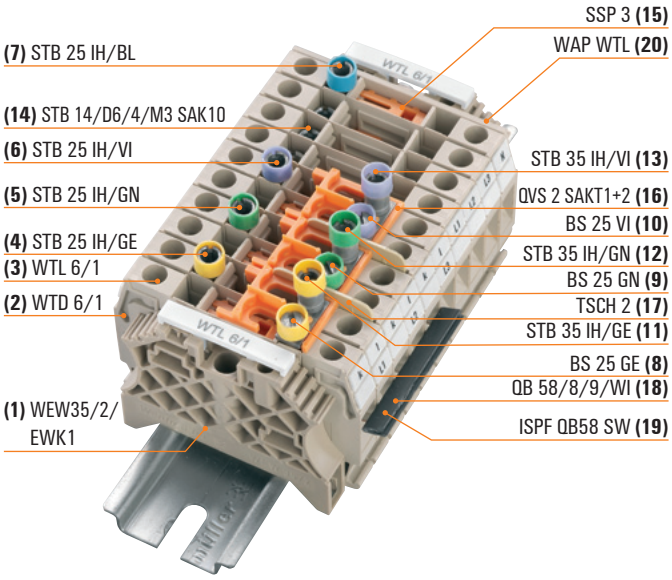
1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

Testing made easy
WTL 6/1, WTD 6/1, WTQ 6/1

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers “run hot” and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

You can solve many switching tasks - clearly and affordably – with the WTL 6/1 test-disconnect terminal, the WTD 6/1 feed-through terminal, and the WTQ 6/1 cross-disconnect terminal.

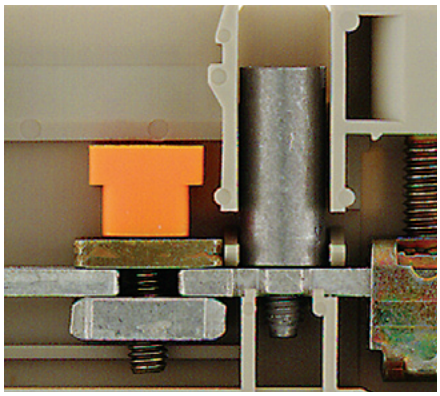
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



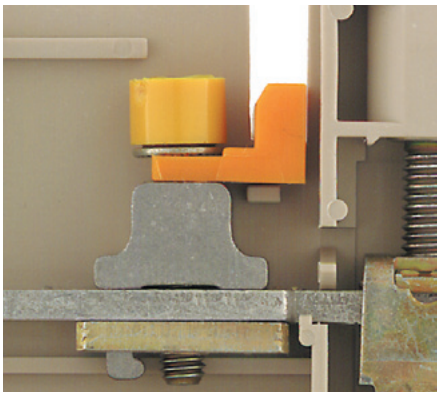
STB 35 IH/SW

VH 19

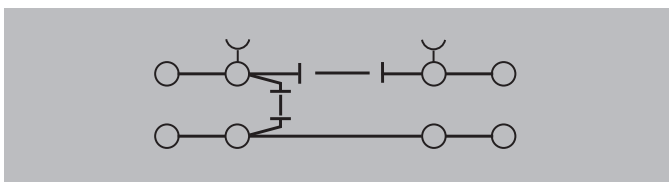
WAP WTL



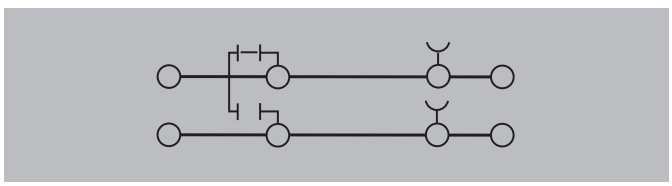
Sliding disconnector is easy to use (WTL 6/1)



Safe disconnection of cross-connection (WTQ 6/1)



One short-circuit slider per terminal (WTL 6/1)



One short-circuit jumper per terminal (WTQ 6/1)

Example transformer using WTL 6/1

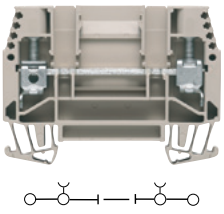
Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	2
2	WTD 6/1	1017100000	3
3	WTL 6/1	1016700000	7
4	STB 25 IH/GE	0267200000	1
5	STB 25 IH/GN	0271200000	1
6	STB 25 IH/VI	0271300000	1
7	STB 25 IH/BL	0343400000	1
8	BS 25 GE	0335700000	1
9	BS 25 GN	0335600000	1
10	BS 25 VI	0335800000	1
11	STB 35 IH/GE	0389000000	2
12	STB 35 IH/GN	0388900000	2
13	STB 35 IH/VI	0389100000	2
14	STB 14/D6/4/M3 SAK10	0169900000	2
15	SSP 3	0531760000	7
16	QVS 2 SAKT1+2	0307300000	1
17	TSCH 2	0353660000	1
18	QB 58/8/9/WI	0545300000	1
19	ISPF QB58 SW	0546000000	1
20	WAP WTL	1068300000	1
21	VH 19	0318000000	9

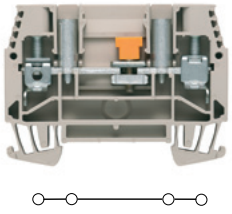
Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
21	QB 58*angled	0545300000	0545300000	1
22	ISPFQB58SW*	0546000000	0546000000	1

* Shorten to 5 poles



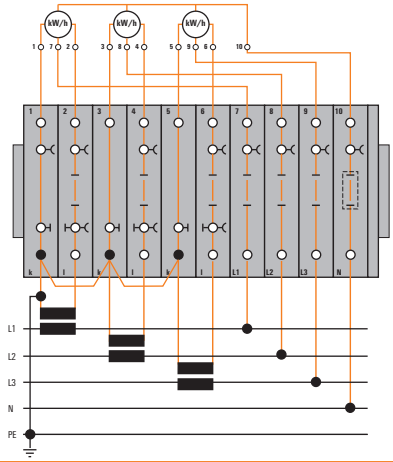
WTD 6/1



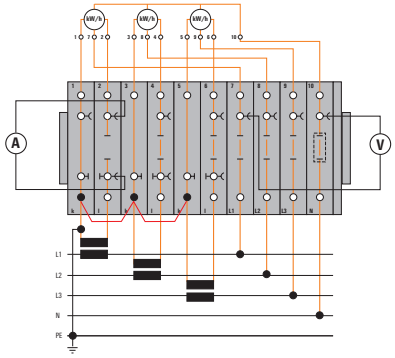
WTL 6/1

Operating status

(with external distribution of k-point)



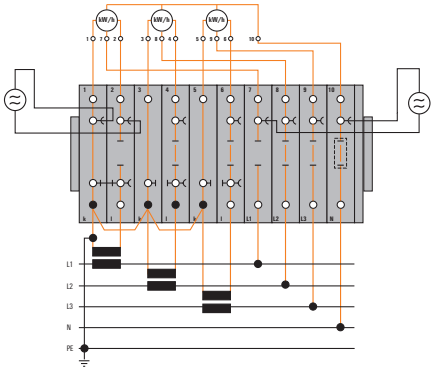
Comparison measurement for L1



Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

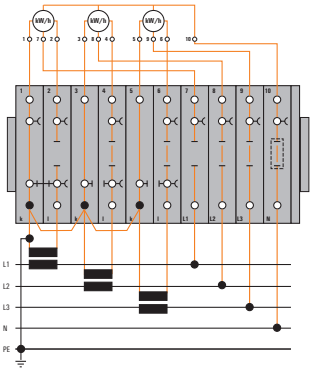
Meter test for L1 through external power supply



Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on operating status:

1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

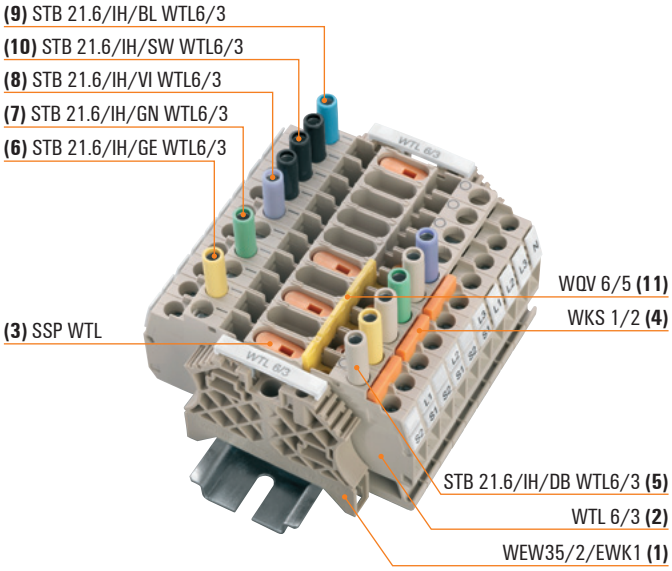
Convenient test-disconnect terminals WTL 6/2, WTL 6/3

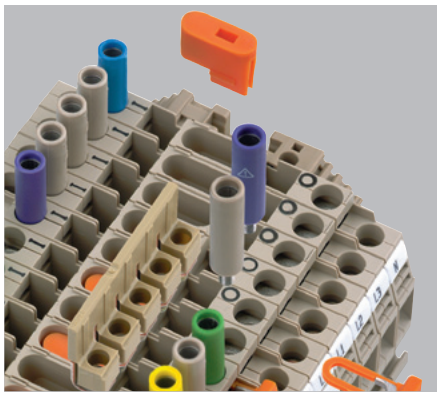
All the circuits occurring in practice can be realised with the WTL 6/2 and WTL 6/3 terminals plus a few accessories.

The short-circuit sliders are finger-touch safe – no risk of electric shock. Two cross-connections, e.g. for internal distribution of the contact point, can also be incorporated. The standard WQV 6 cross-connections of the W-Series can be used here, which also permit terminals to be bypassed.

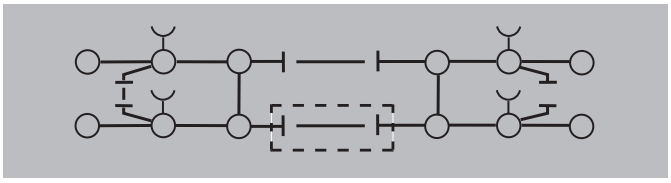
Thanks to the specially designed test sockets, both conventional test plugs and conventional safety test plugs can be used with the WTL 6/3.

Another advantage of the WTL 6/3 is that one screwdriver fits all screws and also all sockets.

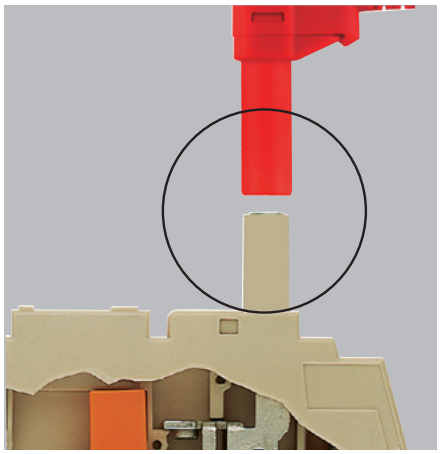




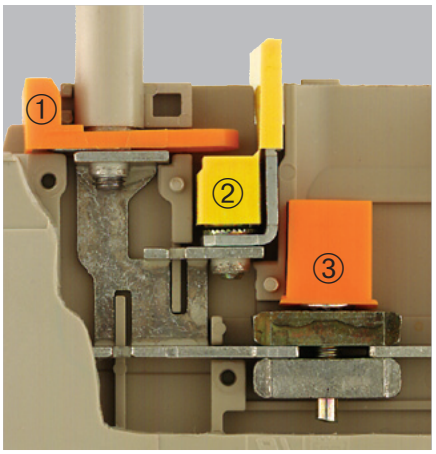
Optimised accessories for all circuit variations



Variation with maximum accessories



Safe test point according VGB 4



Compact design: ① sliding disconnect, ② cross-connection, ③ short-circuit slider

2 DEK markers per connection point

Example transformer using WTL 6/3

Ordering data

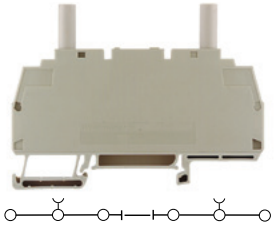
Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTL 6/3	1018800000	1018900000	10
3	SSP WTL	1604200000	1604200000	4
4	WKS 1/2	1604270000	1604270000	3

Optionally available for better labelling for WTL 6/3 (instead of 14 x pos. 3):

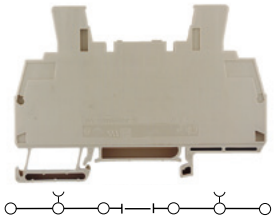
Pos.	Type	Order No.	Order No.	Qty.
5	STB 21.6/IH/DB WTL6/3	1071000000	1071000000	7
6	STB 21.6/IH/GE WTL6/3	1071010000	1071010000	2
7	STB 21.6/IH/GN WTL6/3	1071020000	1071020000	2
8	STB 21.6/IH/VI WTL6/3	1071030000	1071030000	2
9	STB 21.6/IH/BL WTL6/3	1071080000	1071080000	1
10	STB 21.6/IH/SW WTL6/3	1071040000	1071040000	3

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
11	WQV 6/5	1062660000	1062660000	1



WTL 6/3/STB

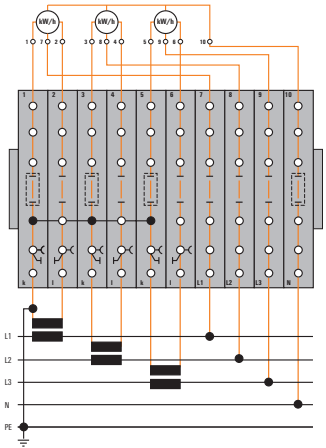


WTL 6/2

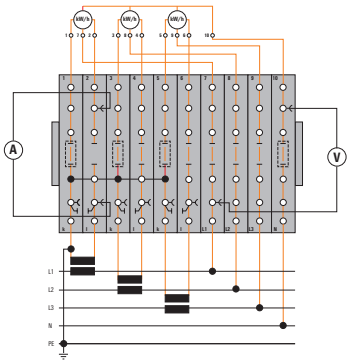
The disconnect test terminal WTL 6/3/STB offers the same functionality as the WTL 6/2. However, thanks to the special design of the test sockets both conventional test plugs as well as commercially available test plugs can be used.

Operating status

(with internal distribution of the k-point)



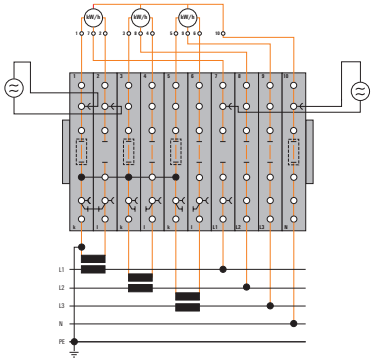
Comparison measurement for L1



Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

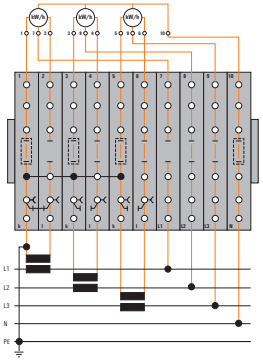
Meter test for L1 through external power supply



Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on operating status:

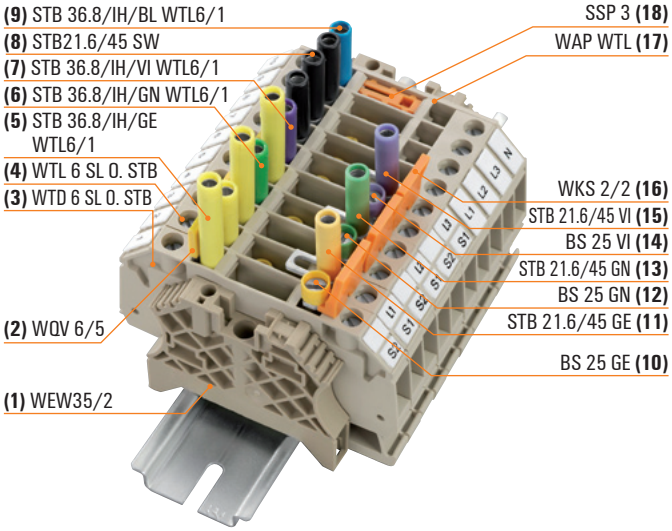
1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

Testing made easy
WTL 6 SL / WTD 6 SL

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers “run hot” and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL test/disconnect terminals and the WTD 6 SL feed-through terminals.

The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.

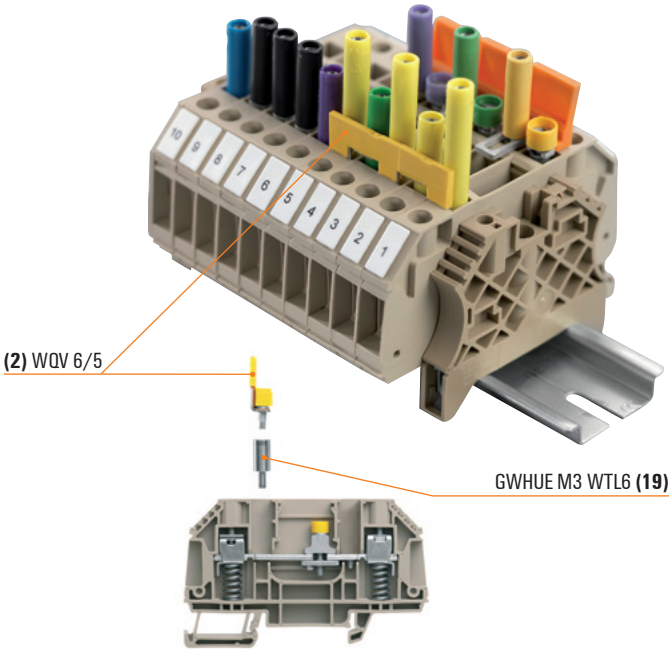


STB 21.6/45 DB

VH 19

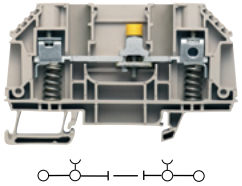
WAP WTL6 SL

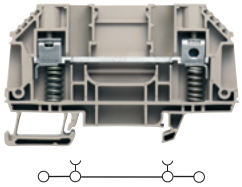
Example transformer using WTL 6 SL / WTD 6 SL



Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL O. STB	1238920000	3
4	WTL 6 SL O. STB	1238930000	7
5	STB 36.8/IH/GE WTL6/1	1847760000	4
6	STB 36.8/IH/GN WTL6/1	1847770000	1
7	STB 36.8/IH/VI WTL6/1	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL WTL6/1	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3


WTL 6 SL o. StB

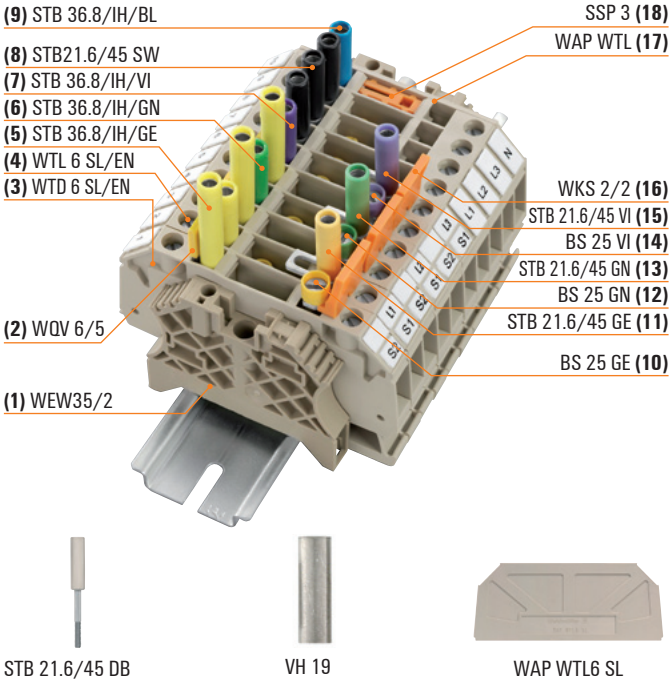

WTD 6 SL o. StB

Testing made easy
WTL 6 SL EN / WTD 6 SL EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers “run hot” and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL EN test/disconnect terminals and the WTD 6 SL EN feed-through terminals.

The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.

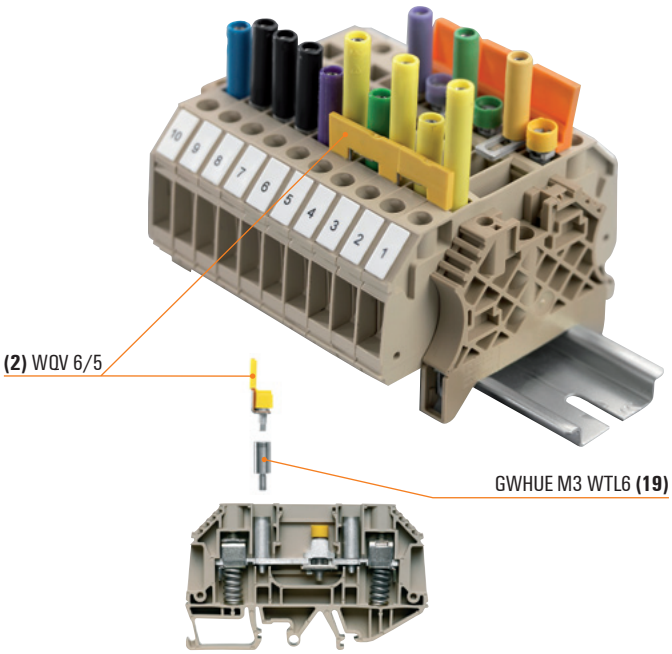


STB 21.6/45 DB

VH 19

WAP WTL6 SL

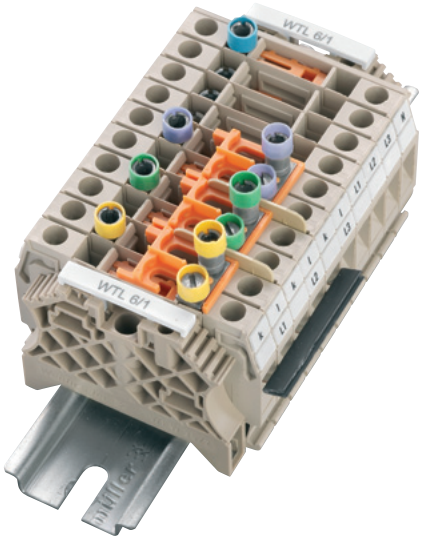
Example transformer using WTL 6 SL EN / WTD 6 SL EN



Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL EN	9538100000	3
4	WTL 6 SL EN	9538080000	7
5	STB 36.8/IH/GE	1847760000	4
6	STB 36.8/IH/GN	1847770000	1
7	STB 36.8/IH/VI	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3

Accessories for test-disconnect terminals WTL 6/1



Cross-connection slider QVS ...

Connection sleeves VH 19 and fixing screws BS 25 (or sockets StB 35) are required for fastening the QVS in the individual terminals. The fixing screws have an insulating sleeve as colour marking and a screwdriver guide. Cross-connection sliders are designed so that the sockets inserted in the terminals remain available for test plugs at every position. The 2-pole version type QVS 2S is designed to slide with test plugs plugged in. If the option of testing is required when the QVS is plugged in, socket StB 35 can be used for fastening.
The clearance and creepage sections required for the rated voltage of the terminal are changed when accessories are fitted.

Cross-connection slider STB

Sockets type **StB** are screwed into the busbar of the terminal. They take test plugs type PS4 or cross-connectors type QS2.

Technical data

Rated voltage	
for neighbouring	rated voltage
QVS	63 V
WQV	up to 400 V
QL	250 V

for neighbouring	rated voltage
STB 25	63 V
STB 30.5	63 V
STB 35	63 V

SSP WTL, **SSP 3** and **SSP 4** prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

Type	Qty.	Order No.
SSP 3	100	**0531760000**
SSP WTL	100	**1604200000**

To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.

QVS 1

Cross-connection slider

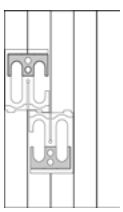
QVS QVS QVSK 2 QVS 2S

Type	No. of poles	Qty.	Order No.
QVS 2	2	20	**0307300000**
QVSK 2	2	20	**1670360000**
QVS 3	3	20	**0329300000**
QVS 4	4	20	**0307400000**
QVS 2S	2	20	**0358460000**

Note:
Not suitable for WTL 6/1 EN.

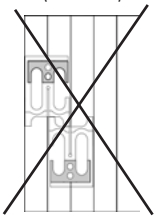
QVS 2 placed opposite each other cannot be switched.

QVSK 2
(167036)



WTL6/1, WTD6/1

QVS 2
(030730)



WTL6/1, WTD6/1

STB

Cross-connection slider

Type	Colour	Qty.	Order No.
STB 14			
STB 14		50	**0169900000**
STB 30.5			
STB 30.5	black	50	**0341000000**
STB 30.5	grey	50	**0341100000**
STB 30.5	blue	50	**0341200000**
STB 30.5	red	50	**0341300000**
STB 30.5	green	50	**0341400000**
STB 30.5	yellow	50	**0341500000**
STB 30.5	violet	50	**0341600000**
STB 35			
STB 35	yellow	50	**0389000000**
STB 35	green	50	**0388900000**
STB 35	violet	50	**0389100000**
STB 35	black	50	**0388500000**
STB 35	grey	50	**0388600000**
STB 35	blue	50	**0388700000**
STB 35	red	50	**0388800000**
Connecting sleeves			
VH19		50	**0318000000**

Accessories for test-disconnect terminals WTL 6/1 EN

BS fixing screws

VH connecting sleeves

WQV cross-connections

WQV cross-connections allow for finger and hand-safe connection between neighbouring terminals in accordance with VBG 4.

QL cross-connection lug

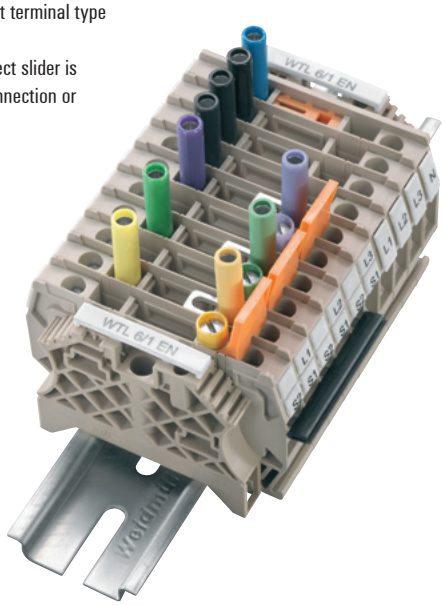
Model QL cross-connection links serve as fixed (i.e. non-switchable) cross-connections when used with WLT 6.1 test-disconnect terminals. They are fastened with connecting sleeves VH 12 and fixing screws BS M 3 x 20 (or sockets StB 30.5). The clearance and creepage distances required for the rated voltage of the terminal can be changed when accessories are installed. This applies in particular to the cross-connection of neighbouring terminals of differing potential.

WKB / WKS cross-connection bridge

WKB can be inserted from above in the case of cross-disconnect terminal type WTQ 6/1.
The integrated disconnect slider is then responsible for connection or disconnection.

QS2 cross-connection plug

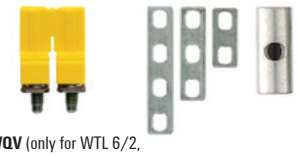
For sockets diameter 4 mm, for loads up to 44 A.



BS / VH

Type	Colour	Qty.	Order No.
Fixing screws			
BS 25	yellow	50	**0335700000**
BS 25	green	50	**0335600000**
BS 25	violet	50	**0335800000**
BS 25	grey	50	**0335300000**
BS 25	black	50	**0335200000**
BS 25	blue	50	**0335400000**
BS 25	red	50	**0335500000**
BS 25	blank	50	**0334700000**
STB 25			
STB 21.6/45 BL	blue	50	**1936290000**
STB 21.6/45 DB	d.blue	50	**1938790000**
STB 21.6/45 GE	yellow	50	**1936240000**
STB 21.6/45 GN	green	50	**1936250000**
STB 21.6/45 GR	grey	50	**1936280000**
STB 21.6/45 RT	red	50	**1936300000**
STB 21.6/45 SW	black	50	**1936270000**
STB 21.6/45 VI	violet	50	**1936260000**
Connecting sleeves			
VH 16/5/3.5 SAK10-35 CuZn 39 (brass alloy)		50	**0309700000**
STB 36.8			
STB 36.8/IH/DB WTL6/1		50	**1847740000**
STB 36.8/IH/GE WTL6/1		50	**1847760000**
STB 36.8/IH/GN WTL6/1		50	**1847770000**
STB 36.8/IH/VI WTL6/1		50	**1847780000**
STB 36.8/IH/BL WTL6/1		50	**1847790000**

WQV / QL



WQV (only for WTL 6/2, WTL 6/3)

Type	No. of poles	Qty.	Order No.
WQV			
WQV 6/2	2	50	**1052360000**
WQV 6/3	3	50	**1054760000**
WQV 6/4	4	50	**1054860000**
WQV 6/5	5	50	**1062660000**
WQV 6/7	7	50	**1062680000**
WQV 6/10	10	20	**1052260000**
QL			
QL 2	2	50	**0194300000**
QL 3	3	50	**0194400000**
QL 4	4	50	**0194500000**
QL 10	10	20	**0338300000**
QL 15	15	10	**0221200000**
Connecting sleeves			
VH 12 E-Cu 57 (copper alloy)		100	**0249000000**

WKS / WKB

WKS **WKB**

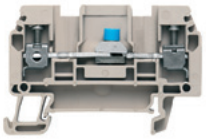
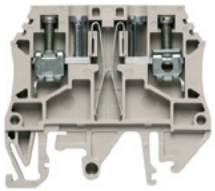
Type	No. of poles	Qty.	Order No.
WQV			
WKB 1/2	2	50	**1604280000**
WKB 1/3	3	50	**1604300000**
WKB 1/4	4	50	**1604320000**
WKB 1/10	10	20	**1604330000**
WKS			
WKS 1/2	2	50	**1604270000**
WKS 1/3	3	50	**1604290000**
WKS 1/4	4	50	**1604310000**
WKS 2/2	2	50	**1936150000**
WKS 2/3	3	50	**1936140000**

QS 2

Type	No. of poles	Qty.	Order No.
WQV			
QS 2 x = 8 mm, y = 16 mm	2	20	**0270960000**
QS 2 x = 10 mm, y = 20 mm	2	20	**0270860000**
QS 2 x = 12 mm, y = 20 mm	2	20	**0270760000**

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WTL 4	WTL 4/2
	4 mm²	4 mm²
		Enforced short-circuit function
		
Width/Length/Height of lowest version mm	6.1 x 61.3 x 40.7	6 x 56.5 x 50
max. current / max. cond. cross-section A/mm²	41 / 6	11 / 6
Max. clamping range mm²	0.13...6	0.13...6

Technical data

Rated data	WTL 4	WTL 4/2
	IEC 60947-7-1	IEC 60947-7-1
	IEC / UL / CSA	IEC / UL / CSA
Rated voltage V	500 / 300 (C) / 300 (D)	500 / 300 (D) / 150 (C)
Rated current A	32 / 28 (C) / 10 (D)	10 / 8 (D) / 8 (C)
Rated cross-section mm²	4 / AWG 26...10 / 4	4 / AWG 26...10 / 4
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94	A3 / V-0	A4 / V-0
Approvals		
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / stranded mm²	0.5...6 / 1.5...4	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...6 / 0.5...4
Tightening torque range (terminal screw)	0.4...0.7 Nm (M 2.5)	0.5...0.8 Nm (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	Use as a disconnect terminal with 500 V.	2 wires can be connected; similar to the WDU 4N.

Ordering data

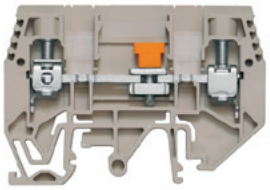
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Without socket	WTL 4	50	1754960000			
with socket	WTL 4/STB	50	1754970000	WTL 4/2 STB	50	1881650000
Note						

Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 4/2	32 A	50	1051960000				
3-pole	WQV 4/3	32 A	50	1054560000				
4-pole	WQV 4/4	32 A	50	1054660000				
10-pole	WQV 4/10	41 A	20	1052060000				
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	ZAP/TW 1	2 mm	50	1608740000	WAP WTL4/2	2 mm	50	1881640000
Dark beige Wemid								
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
Cross-connection slider		**current**						
2-pole	QVS 2/4 SAKT4	32 A	20	1319260000				
3-pole								
4-pole								
Connecting sleeve for QVS								
Mounting screw for QVS	BFSC M3X22 SAKT4		50	1319900000				
Testing / Checking		**Width**						
Standard					WTA 8 TN	6 mm	25	1915450000
Test plug	PS 2.3 RT	5.4 mm	20	0180400000				
Socket - blue								
Socket - yellow								
Socket - green								
Socket - magenta								
Socket	STB 8.5/5/2.3/M3 SAK2.5		50	0280600000				
Socket - blue								
Socket - yellow								
Socket - green								
Miscellaneous accessories								
Lockout device								
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/6				WS 12/6			
Note					WTA 8-Series test adapter, WQV external cross-connection, end bracket and shield bus LS 2.8, refer to "Accessories"			

WTL 6/1 EN — 6 mm²

Longitudinal - disconnector



7.9 x 65 x 48.5
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
630	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
1...1.6 Nm (M 3.5)
12 / 4.0 x 0.8 mm

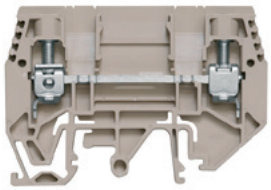
Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTL 6/1 EN	50	1934810000
WTL 6/1 EN STB	50	1934820000
TS32 version on request		

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6/1 EN	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
WEW 35/2	8 mm	100	1061200000
	current		
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000
	Width		
STB 21.6/45 BL	6.1 mm	50	1936290000
STB 21.6/45 GE	6.1 mm	50	1936240000
STB 21.6/45 GN	6.1 mm	50	1936250000
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1	6 mm	50	1847790000
STB 36.8/IH/GE WTL6/1	6 mm	50	1847760000
STB 36.8/IH/GN WTL6/1	6 mm	50	1847770000
DEK 5/8 / WS 12/8			

WTD 6/1 EN — 6 mm²

Feed-through



7.9 x 65 x 48.5
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
630	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
12 / 4.0 x 0.8 mm

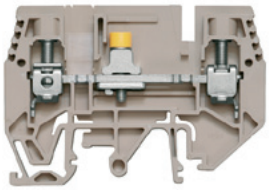
Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTD 6/1 EN	50	1934830000
TS32 version on request		

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6/1 EN	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
WEW 35/2	8 mm	100	1061200000
	current		
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000
	Width		
STB 21.6/45 BL	6.1 mm	50	1936290000
STB 21.6/45 GE	6.1 mm	50	1936240000
STB 21.6/45 GN	6.1 mm	50	1936250000
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1	6 mm	50	1847790000
STB 36.8/IH/GE WTL6/1	6 mm	50	1847760000
STB 36.8/IH/GN WTL6/1	6 mm	50	1847770000
DEK 5/8 / WS 12/8			

WTQ 6/1 EN — 6 mm²

Cross-connect/disconnect (isolator)



7.9 x 65 x 48.5
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...
0.5...10 / 0.5...6
(M 3.5)
12 / 4.0 x 0.8 mm

Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTQ 6/1 EN	50	1934790000
WTQ 6/1 EN STB	50	1934800000
TS32 version on request		

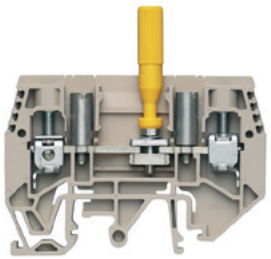
Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6/1 EN	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
WEW 35/2	8 mm	100	1061200000
	current		
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000
	Width		
STB 21.6/45 BL	6.1 mm	50	1936290000
STB 21.6/45 GE	6.1 mm	50	1936240000
STB 21.6/45 GN	6.1 mm	50	1936250000
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1	6 mm	50	1847790000
STB 36.8/IH/GE WTL6/1	6 mm	50	1847760000
STB 36.8/IH/GN WTL6/1	6 mm	50	1847770000
DEK 5/8 / WS 12/8			

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be implemented.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

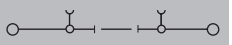
WTL 6/1/STB/TNSC/EN — 6 mm²

Longitudinal separator



Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

7.9 x 65 x 66.5
57 / 10
0.5...10



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA
630	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
	6 kV / 3	
	A5 / V-0	
Rated connection		
0.5...10 / 1.5...		
0.5...10 / 0.5...6		
1...1.6 Nm (M 3.5)		
12 / 4.0 x 0.8 mm		

Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Ordering data

Version	Type	Qty.	Order No.
Without socket	WTL 6/1/TNSC/EN	50	1345280000
with socket	WTL 6/1/STB/TNSC/EN	50	1938820000
Note	TS32 version on request		

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 6/2	57 A	50	1052360000
3-pole	WQV 6/3	57 A	50	1054760000
4-pole	WQV 6/4	57 A	50	1054860000
10-pole	WQV 6/10	57 A	20	1052260000
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WTL6/1 EN	1.5 mm	20	1957710000
Dark beige Wemid	WTW WTL6/1 DB	1.5 mm	20	1068400000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Cross-connection slider		**current**		
2-pole	WKS 2/2		50	1936140000
3-pole	WKS 2/3		50	1936150000
4-pole	WKS 2/4		50	1936160000
Connecting sleeve for QVS	VH 16/5/3.5 SAK10-35		50	0309700000
Mounting screw for QVS				
Testing / Checking		**Width**		
Standard				
Test plug				
Socket - blue	STB 21.6/45 BL	6.1 mm	50	1936290000
Socket - yellow	STB 21.6/45 GE	6.1 mm	50	1936240000
Socket - green	STB 21.6/45 GN	6.1 mm	50	1936250000
Socket - magenta				
Socket	STB 14/D6/4/M3 SAK10		500	2012420000
Socket - blue				
Socket - yellow				
Socket - green				
Miscellaneous accessories				
Lockout device				
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/8 / WS 12/8			
Note				

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

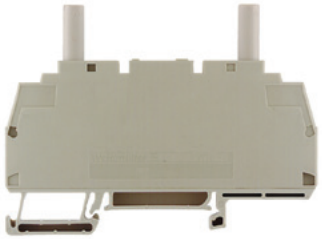
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WTL 6/2 — 6 mm²

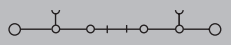
Longitudinal - disconnector

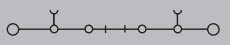
WTL 6/3 — 6 mm²

Longitudinal - disconnector



Width/Length/Height of lowest version	mm	8 x 87 x 62	7.9 x 87 x 65
max. current / max. cond. cross-section	A/mm²	**57 / 10**	**57 / 10**
Max. clamping range	mm²	**0.5...10**	**0.5...10**





Technical data

Rated data		WTL 6/2	WTL 6/3
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Tightening torque range (terminal screw)			
Stripping length / Blade size	mm/-		

IEC	UL	CSA	IEC	UL	CSA
500	300 (C)	300 (C)	500	300 (C)	300 (C)
41	45 (C)	45 (C)	41	45 (C)	45 (C)
6	AWG 20...8	6	6	AWG 20...8	6
	6 kV / 3			6 kV / 3	
	A5 / V-0			A5 / V-0	

Rated connection	WTL 6/2	WTL 6/3
	0.5...10 / 1.5...10	0.5...10 / 1.5...10
	0.5...10 / 0.5...6	0.5...10 / 0.5...6
	1...1.6 Nm (M 3.5)	(M 3.5)
	12 / 4.0 x 0.8 mm	12 / 4.0 x 0.8 mm

Note

WTL 6/2: Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Ordering data

Version	WTL 6/2 Type	Qty.	Order No.	WTL 6/3 Type	Qty.	Order No.
Without socket				WTL 6/3	50	**1018800000**
with socket	WTL 6/2	50	**1017700000**	WTL 6/3/STB	50	**1018600000**

Note

TS32 versions on request

Accessories

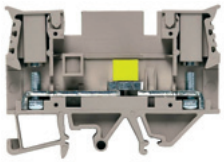
Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 6/2	57 A	50	**1052360000**	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate								
Dark beige Wemid								
Dark beige Wemid								
End bracket		**Width**				**Width**		
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Cross-connection slider		**current**				**current**		
2-pole	WKS 1/2		50	**1604270000**	WKS 1/2		50	**1604270000**
3-pole	WKS 1/3		50	**1604290000**	WKS 1/3		50	**1604290000**
4-pole	WKS 1/4		50	**1604310000**	WKS 1/4		50	**1604310000**
Connecting sleeve for QVS								
Mounting screw for QVS								
Testing / Checking		**Width**				**Width**		
Standard								
Test plug	PS 4 F.STB 4	7.6 mm	20	**0299600000**	PS 4 F.STB 4	7.6 mm	20	**0299600000**
Socket - blue					STB 21.6/IH/BL WTL6/3	6.2 mm	50	**1071080000**
Socket - yellow					STB 21.6/IH/GE WTL6/3	6.2 mm	50	**1071010000**
Socket - green					STB 21.6/IH/GN WTL6/3	6.2 mm	50	**1071020000**
Socket - magenta					STB 21.6/IH/VI WTL6/3	6.2 mm	50	**1071030000**
Socket								
Socket - blue								
Socket - yellow								
Socket - green								
Miscellaneous accessories								
Lockout device	SSP WTL6/2		100	**1604200000**	SSP WTL6/2		100	**1604200000**
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/8 / WS 12/8				DEK 5/8 / WS 12/8			

Note

For additional test and isolating terminal blocks accessories, refer to the "Accessories" chapter.

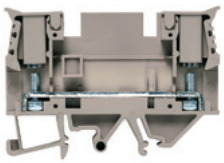
WTL 6/4 FF

Longitudinal - disconnector



WTD 6/4 FF

Feed-through



Width/Length/height	mm	11 x 76.5 x 52	11 x 76.5 x 52
Max. current / max. cond. cross-section	A/mm²	**41 / 6**	**41 / 6**
Max. clamping range	mm²	**0.13 ... 6**	**0.13 ... 6**

Technical data

Rated data		WTL 6/4 FF	WTD 6/4 FF
		IEC 60947-7-1 / VDE 0100-537	IEC 60947-7-1 / VDE 0100-537
		IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage	V	800 / 600 / 600	800 / 600 / 600
		500 V when used as test-disconnect terminal	500 V when used as test-disconnect terminal
Rated current	A	41 / 30 / 30	41 / 30 / 30
Rated cross-section	mm²	6 / AWG 26 ...10 / AWG 26...10	6 / AWG 26 ...10 / AWG 26...10
Tightening torque range clamping screw / isolator	Nm	1.2 ... 1.9 / 0.5 ... 0.8	1.2 ... 1.9
Approvals		IEC	IEC
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	WTL 6/4 FF	50	**1887210000**	WTD 6/4 FF	50	**1887220000**
Note	Insulated cable lugs			Insulated cable lugs		

Accessories

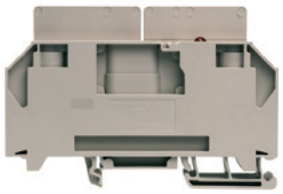
		WTL 6/4 FF			WTD 6/4 FF		
Cross-connection		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
ZQV: pluggable cross-connection	2-pole	ZQV 10/2	25	**1739680000**	ZQV 10/2	25	**1739680000**
End plate / partition							
Dark beige Wemid		WAP WTL6/4FF	20	**1887240000**	WAP WTL6/4FF	20	**1887240000**
End bracket							
		EWK 1/TS 32	100	**0206160000**	EWK 1/TS 32	100	**0206160000**
		WEW 35/2 / TS 35	100	**1061200000**	WEW 35/2 / TS 35	100	**1061200000**
		EW 35 /SCHA/M3	100	**0258660000**	EW 35 /SCHA/M3	100	**0258660000**
Screw							
		BS M3x20		**0303000000**	BS M3x20		**0303000000**
Joint ferrule							
		VH 13.5		**0248500000**	VH 13.5		**0248500000**
Cross-connection tabs							
		QL 2 WTL 6/4 FF		**1897010000**	QL 2 WTL 6/4 FF		**1897010000**
		QL 3 WTL 6/4 FF		**1897020000**	QL 3 WTL 6/4 FF		**1897020000**
		QL 4 WTL 6/4 FF		**1897030000**	QL 4 WTL 6/4 FF		**1897030000**
		QL 10 WTL 6/4 FF		**1897090000**	QL 10 WTL 6/4 FF		**1897090000**
		QL 50 WTL 6/4 FF		**1897100000**	QL 50 WTL 6/4 FF		**1897100000**
Cross-connection							
		Q 2 WTL 6/4 FF		**1897110000**	Q 2 WTL 6/4 FF		**1897110000**
		Q 3 WTL 6/4 FF		**1897120000**	Q 3 WTL 6/4 FF		**1897120000**
		Q 4 WTL 6/4 FF		**1897130000**	Q 4 WTL 6/4 FF		**1897130000**
		Q 10 WTL 6/4 FF		**1897190000**	Q 10 WTL 6/4 FF		**1897190000**
Insulating sleeve							
		DS 13.5 WTL 6/4		**1897000000**	DS 13.5 WTL 6/4		**1897000000**
Cross-connection plug							
		QS 2 (2-pole)		**0270760000**	QS 2 (2-pole)		**0270760000**
Cable lug							
		LIR 1.5 M4 V		**9200090000**	LIR 1.5 M4 V		**9200090000**
		LIR 2.5 M4 V		**9200170000**	LIR 2.5 M4 V		**9200170000**
		LIR 6 M4 V		**9200230000**	LIR 6 M4 V		**9200230000**
Tools							
Screwdriver		SDI 0.8 x 4.0		**9008400000**	SDI 0.8 x 4.0		**9008400000**
		SD 0.8 x 4.0		**9008340000**	SD 0.8 x 4.0		**9008340000**
		SDIZ 0.8 x 5.5		**9008640000**	SDIZ 0.8 x 5.5		**9008640000**
Crimping tools		CTI 6		**9006120000**	CTI 6		**9006120000**
Marking systems							
	Marking tags	WS 10/5 / DEK 5			WS 10/5 / DEK 5		
For detailed information on other accessories and applications, refer to the "Accessories" section.		For additional test-disconnect terminal accessories, refer to the Accessories Chapter.			For additional test-disconnect terminal accessories, refer to the Accessories Chapter.		

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WTR 35 E

35 mm²



Width/Length/Height of lowest version	mm	32 x 100 x 68
max. current / max. cond. cross-section	A/mm²	**125 / 35**
Max. clamping range	mm²	**4...35**

Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	24		
Rated current	A	125		
Rated cross-section	mm²	35		
Rated impulse withstand voltage / Pollution severity			0.8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			B9 / V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection
Solid / stranded	mm²	4...16 / 10...35
Flexible / Flexible with ferrule	mm²	4...35 / 4...35
Tightening torque range (terminal screw)		4 Nm (M 6)
Stripping length / Blade size	mm/-	18 / 1.2 x 6.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid, 24 V	WTR 35 E	5	**1045970000**

Note

Accessories

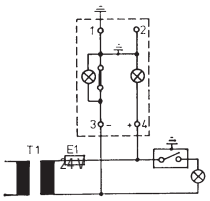
End bracket	Type	Width	Qty.	Order No.
Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**
Screwdriver				
Standard	SDS 1.2X6.5X150		1	**9009010000**

Identification systems (see assortment in catalogue 7)	
Marking tags	WS 12/6

Note

Operation mode

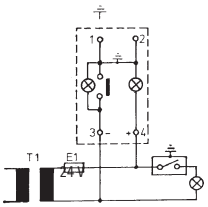
Operating mode



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

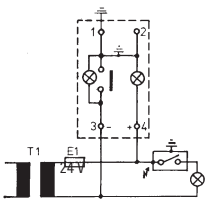
Test position

When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must first be disconnected.



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must be disconnected.

Operational malfunction

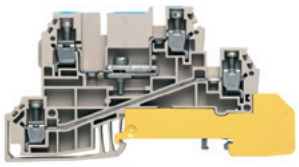
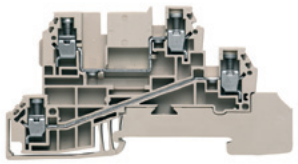
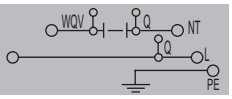
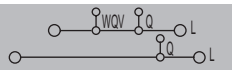


- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

Distribution terminal with WQV

N-busbars may not be used in certain applications (medical systems). Instead, installation terminals with a disconnector in the centre of the terminal can be used.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WDL 2.5/NT/L/PE	2.5 mm²	WDL 2.5/L/L	2.5 mm²
				
Width/Length/Height of lowest version mm	6.1 x 90 x 49		6.1 x 90 x 49	
max. current / max. cond. cross-section A/mm²	**32 / 4**		**32 / 4**	
Max. clamping range mm²	**0.13...4**		**0.13...4**	
				

Technical data

Rated data		IEC 60947-7-1 (-7-2)		
		IEC	UL	CSA
Rated voltage V		400	300 (C)	300 (D)
Rated current A		24	15 (C)	10 (D)
Rated cross-sectionAWG 26...12 mm²		2.5	AWG 22...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3, A4 / V-0		
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded mm²		0.5...4 / 1.5...4		
Flexible / Flexible with ferrule mm²		0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size mm/-		8 / 0.6 x 3.5 mm		
Note		Further connection refers to clamping point at top left (A4) 2-conductor, 1.5 mm², solid, with 0.6 Nm.		

Rated data		IEC 60947-7-1		
		IEC	UL	CSA
Rated voltage V		400	300 (C)	300 (D)
Rated current A		24	15 (C)	10 (D)
Rated cross-sectionAWG 26...12 mm²		2.5	AWG 22...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / Flammability class UL94		A3, A4 / V-0		
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded mm²		0.5...4 / 1.5...4		
Flexible / Flexible with ferrule mm²		0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size mm/-		8 / 0.6 x 3.5 mm		
Note		Further connection refers to clamping point at top left (A4) 2-conductor, 1.5 mm², solid, with 0.6 Nm.		

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDL 2.5/NT/L/PE	50	**1029800000**
Note	PE connection is marked green-yellow.		

Version	Type	Qty.	Order No.
Dark beige Wemid	WDL 2.5/L/L	50	**1030300000**
Note	WDL 2.5/N/L Order no. 1030000000 (upper connection is marked blue).		

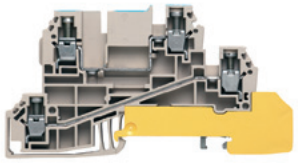
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	Q 2 WDL2.5S	24 A	50	**1071500000**
3-pole	Q 3 WDL2.5S	24 A	50	**1071600000**
4-pole	Q 4 WDL2.5S	24 A	50	**1071700000**
10-pole	Q 10 WDL2.5S	24 A	20	**1071800000**
20-/24-pole	Q 20 WDL2.5S	24 A	20	**1074200000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WDL2.5	1.5 mm	20	**1067800000**
Support bracket for 10 x 3 (required every 20 cm)				
Dark beige Wemid	WHP WDL2.5/S BL	2 mm	20	**1067980000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Screwdriver				
With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**
Standard	SDIS 0.6X3.5X100		1	**9008390000**

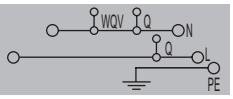
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	Q 2 WDL2.5S	24 A	50	**1071500000**
3-pole	Q 3 WDL2.5S	24 A	50	**1071600000**
4-pole	Q 4 WDL2.5S	24 A	50	**1071700000**
10-pole	Q 10 WDL2.5S	24 A	20	**1071800000**
20-/24-pole	Q 20 WDL2.5S	24 A	20	**1074200000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WDL2.5	1.5 mm	20	**1067800000**
Support bracket for 10 x 3 (required every 20 cm)				
Dark beige Wemid	WHP WDL2.5/S BL	2 mm	20	**1067980000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Screwdriver				
With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**
Standard	SDIS 0.6X3.5X100		1	**9008390000**

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note		

WDL 2.5/N/L/PE — 2.5 mm²



6.1 x 90 x 49
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
	4 kV / 3	
	A3, A4 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm.

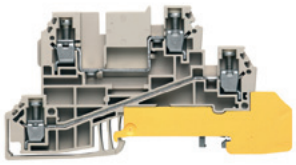
Type	Qty.	Order No.
WDL 2.5/N/L/PE	50	1029900000

PE connection is marked green-yellow.

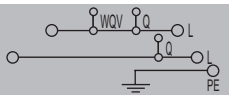
Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
	Width		
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	2 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDIS 0.6X3.5X100		1	9008390000

DEK 5/5 / WS 8/5

WDL 2.5/L/L/PE — 2.5 mm²



6.1 x 90 x 49
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
	4 kV / 3	
	A3, A4 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm.

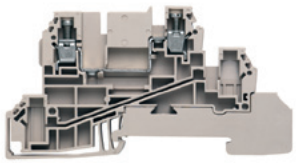
Type	Qty.	Order No.
WDL 2.5/L/L/PE	50	1030200000

PE connection is marked green-yellow.

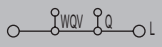
Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
	Width		
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	2 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDIS 0.6X3.5X100		1	9008390000

DEK 5/5 / WS 8/5

WDL 2.5/L — 2.5 mm²



6.1 x 90 x 49
32 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
	6 kV / 3	
	A3, A4 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm.

Type	Qty.	Order No.
WDL 2.5/L	50	1030400000

WDL 2.5/S/N Order no. 1030900000 (connection marked blue).

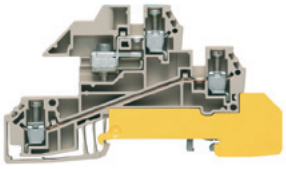
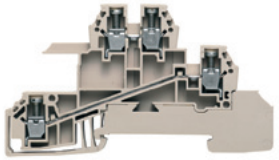
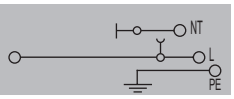
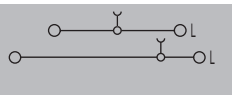
Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
	Width		
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	2 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDIS 0.6X3.5X100		1	9008390000

DEK 5/5 / WS 8/5

Distribution terminals with 10 x 3 busbar

Space-saving wiring of three-phase circuits using only two terminals.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WDL 2.5/S/NT/L/PE	2.5 mm²	WDL 2.5/S/L/L	2.5 mm²
				
Width/Length/Height of lowest version mm	6.1 x 84.5 x 49		6.1 x 84.5 x 49	
max. current / max. cond. cross-section A/mm²	32 / 4		32 / 4	
Max. clamping range mm²	0.13...4		0.13...4	

Technical data

Rated data		IEC 60947-7-1 (-7-2)			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	400	300 (C)	300 (D)	400	300 (C)	300 (D)
Rated current	A	24	15 (C)	10 (D)	24	15 (C)	10 (D)
Rated cross-section	mm²	2.5	AWG 22...12	AWG 26...12	2.5	AWG 22...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity			4 kV / 3			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0			A3 / V-0	
Approvals							
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			8 / 0.6 x 3.5 mm		
Note		Rated voltage of L-PE and L-NT: 250 V Tightening torque of isolator: 0.4..0.6 Nm					

Ordering data

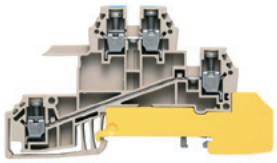
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WDL 2.5/S/NT/L/PE	50	1030600000	WDL 2.5/S/L/L	50	1031200000
Note	PPE connection marked green/yellow, three-phase circuit together with WDL 2.5/S/L/L			WDL 2.5/S/N/L Order no. 1030800000 (upper connection marked blue).		

Accessories

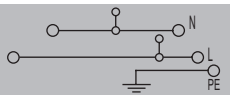
Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	Q 2 WDL2.5S	24 A	50	1071500000	Q 2 WDL2.5S	24 A	50	1071500000
3-pole	Q 3 WDL2.5S	24 A	50	1071600000	Q 3 WDL2.5S	24 A	50	1071600000
4-pole	Q 4 WDL2.5S	24 A	50	1071700000	Q 4 WDL2.5S	24 A	50	1071700000
10-pole	Q 10 WDL2.5S	24 A	20	1071800000	Q 10 WDL2.5S	24 A	20	1071800000
20-/24-pole	Q 20 WDL2.5S	24 A	20	1074200000	Q 20 WDL2.5S	24 A	20	1074200000
End bracket		**Width**				**Width**		
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000	WEW 35/2	8 mm	100	1061200000
End plate / Partition plate								
Dark beige Wemid	WAP WDL2.5/S	1.5 mm	20	1067700000	WAP WDL2.5/S	1.5 mm	20	1067700000
Support bracket for 10 x 3 (required every 20 cm)								
Dark beige Wemid	WHP WDL2.5/S BL	2 mm	20	1067980000	WHP WDL2.5/S BL	2 mm	20	1067980000
Busbar 10 x 3 (140 A)								
OK, Busbar up to OK, TS35 = 25,5 mm	SSCH 10X3X1000 CU/SN	10 mm	1	0348900000	SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
Clamping yoke for power supply to 10 x 3 busbars								
Rigid / flexible 0,5 - 6 / 4 mm²	ZB 4	5.6 mm	50	0316500000	ZB 4	5.6 mm	50	0316500000
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC	10 mm	50	0316600000	ZB 16 ZKSC	10 mm	50	0316600000
Flexible 16 - 35 mm²	ZB 35/M6X16	14 mm	20	0266500000	ZB 35/M6X16	14 mm	20	0266500000

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note		

WDL 2.5/S/N/L/PE — 2.5 mm²



6.1 x 84.5 x 49
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
	4 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

L-PE / L-N 250V

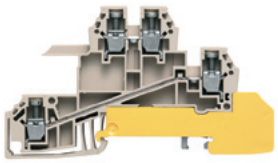
Type	Qty.	Order No.
WDL 2.5/S/N/L/PE	50	**1030700000**

PE connection is marked green-yellow.

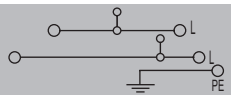
Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
	Width		
WEW 35/2	8 mm	100	**1061200000**
WAP WDL2.5/S	1.5 mm	20	**1067700000**
WHP WDL2.5/S BL	2 mm	20	**1067980000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZB 4	5.6 mm	50	**0316500000**
ZB 16 ZKSC	10 mm	50	**0316600000**
ZB 35/M6X16	14 mm	20	**0266500000**

DEK 5/5 / WS 8/5

WDL 2.5/S/L/L/PE — 2.5 mm²



6.1 x 84.5 x 49
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
	4 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

L-PE 250V

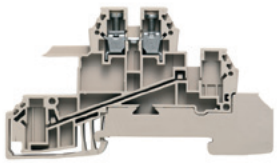
Type	Qty.	Order No.
WDL 2.5/S/L/L/PE	50	**1031100000**

PE connection is marked green-yellow.

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
	Width		
WEW 35/2	8 mm	100	**1061200000**
WAP WDL2.5/S	1.5 mm	20	**1067700000**
WHP WDL2.5/S BL	2 mm	20	**1067980000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZB 4	5.6 mm	50	**0316500000**
ZB 16 ZKSC	10 mm	50	**0316600000**
ZB 35/M6X16	14 mm	20	**0266500000**

DEK 5/5 / WS 8/5

WDL 2.5/S/L — 2.5 mm²



6.1 x 84.5 x 49
32 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDL 2.5/S/L	50	**1031300000**

WDL 2.5/S/N Order no. 1030900000 (connection marked blue)

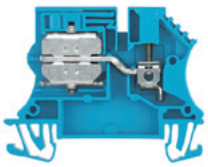
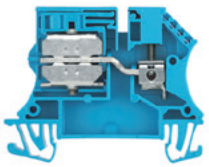
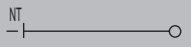
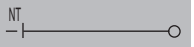
Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
	Width		
WEW 35/2	8 mm	100	**1061200000**
WAP WDL2.5/S	1.5 mm	20	**1067700000**
WHP WDL2.5/S BL	2 mm	20	**1067980000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZB 4	5.6 mm	50	**0316500000**
ZB 16 ZKSC	10 mm	50	**0316600000**
ZB 35/M6X16	14 mm	20	**0266500000**

DEK 5/5 / WS 8/5

Neutral conductor disconnect terminals

These special modular terminals are specified for insulation measurements, without disconnecting the conductor according to VDE standards, for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WNT 2.5	WNT 4
	2.5 mm²	4 mm²
		
Width/Length/Height of lowest version mm	5.1 x 60 x 47	6.1 x 60 x 47
max. current / max. cond. cross-section A/mm²	**32 / 4**	**41 / 6**
Max. clamping range mm²	**0.13...4**	**0.13...6**
		

Technical data

	WNT 2.5	WNT 4
Rated data	IEC 60947-7-1	IEC 60947-7-1
	IEC / UL / CSA	IEC / UL / CSA
Rated voltage V	400 / 600 (C) / 600 (C)	400 / 600 (C) / 600 (C)
Rated current A	24 / 25 (C) / 20 (C)	32 / 35 (C) / 25 (C)
Rated cross-section mm²	2.5 / AWG 22...12 / AWG 26...12	4 / AWG 22...10 / AWG 26...10
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94	A3 / V-0	A4 / V-0
Approvals		
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / stranded mm²	0.5...4 / 1.5...4	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...6 / 0.5...4
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)	0.5...1 Nm (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	Tightening torque, N-isolator 0.4..0.6 Nm	Tightening torque, N-isolator 0.4..0.8 Nm

Ordering data

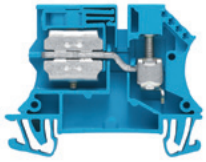
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
Dark beige Wemid	WNT 2.5 10X3 BE	100	**1010600000**			
Blue Wemid	WNT 2.5 10X3	100	**1010680000**	WNT 4 10X3	100	**1010780000**
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).					

Accessories

	Type	**Width**	**Qty.**	**Order No.**	**Type**	**Width**	**Qty.**	**Order No.**
End plate / Partition plate								
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP 2.5-10	1.5 mm	50	**1050000000**
Blue Wemid	WAP 2.5-10 BL	1.5 mm	50	**1050080000**	WAP 2.5-10 BL	1.5 mm	50	**1050080000**
Support bracket for 10 x 3 (required every 20 cm)								
Blue Wemid	WHP 2.5-35N/10x3 BL	2 mm	20	**1050280000**	WHP 2.5-35N/10x3 BL	2 mm	20	**1050280000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Screwdriver								
With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**	SWIFTY SET	18 mm	1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**
Busbar 10 x 3 (140 A)								
OK, Busbar up to OK, TS35 = 25,5 mm	SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**	SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars								
	ZB 4	5.6 mm	50	**0316500000**	ZB 4	5.6 mm	50	**0316500000**
Rigid / flexible 0,5 - 6 / 4 mm²	ZB 16 ZKSC	10 mm	50	**0316600000**	ZB 16 ZKSC	10 mm	50	**0316600000**
Rigid / flexible 6 - 16 mm²	ZB 35/M6X16	14 mm	20	**0266500000**	ZB 35/M6X16	14 mm	20	**0266500000**
Flexible 16 - 35 mm²								

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 12/5	DEK 5/5 / WS 12/5
Note		

WNT 6 — 6 mm²



7.9 x 60 x 47
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	600 (C)
41	45 (C)	35 (C)
6	AWG 20...8	AWG 26...8
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.2 Nm (M 3.5)
12 / 4.0 x 0.8 mm

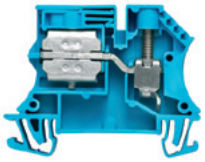
Tightening torque, N-isolator 0.8..1.6 Nm

Type	Qty.	Order No.
WNT 6 10X3	50	**1010880000**

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	**1050000000**
WAP 2.5-10 BL	1.5 mm	50	**1050080000**
WHP 2.5-35N/10x3 BL	2 mm	20	**1050280000**
WEW 35/2	8 mm	100	**1061200000**
SWIFTY SET	18 mm	1	**9006060000**
SDS 0.6X3.5X100		1	**9008330000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZB 4	5.6 mm	50	**0316500000**
ZB 16 ZKSC	10 mm	50	**0316600000**
ZB 35/M6X16	14 mm	20	**0266500000**

DEK 5/5 / WS 12/5

WNT 10 — 10 mm²



9.9 x 60 x 47
76 / 16
1.31...16

IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	600 (C)
57	60 (C)	50 (C)
10	AWG 16...8	AWG 16...6
	6 kV / 3	
	B6 / V-0	

Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
12...20 Nm (M 4)
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8..1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WNT 10 10X3 BE	50	**1010900000**
WNT 10 10X3	50	**1010980000**

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	**1050000000**
WAP 2.5-10 BL	1.5 mm	50	**1050080000**
WHP 2.5-35N/10x3 BL	2 mm	20	**1050280000**
WEW 35/2	8 mm	100	**1061200000**
SWIFTY SET	18 mm	1	**9006060000**
SDS 0.6X3.5X100		1	**9008330000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZB 4	5.6 mm	50	**0316500000**
ZB 16 ZKSC	10 mm	50	**0316600000**
ZB 35/M6X16	14 mm	20	**0266500000**

DEK 5/5 / WS 12/5

WNT 16N — 16 mm²

12 x 60 x 47
101 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (C)
76	65 (C)	65 (C)
16	AWG 14...6	AWG 14...6
	6 kV / 3	
	B7 / V-0	

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
1.2...2.2 Nm (M 4)
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8..1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WNT 16N 10X3	50	**1019000000**

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	**1050000000**
WAP 2.5-10 BL	1.5 mm	50	**1050080000**
WHP 2.5-35N/10x3 BL	2 mm	20	**1050280000**
WEW 35/2	8 mm	100	**1061200000**
SWIFTY SET	18 mm	1	**9006060000**
SDS 0.6X3.5X100		1	**9008330000**
SSCH 10X3X1000 CU/SN	10 mm	1	**0348900000**
ZB 4	5.6 mm	50	**0316500000**
ZB 16 ZKSC	10 mm	50	**0316600000**
ZB 35/M6X16	14 mm	20	**0266500000**

DEK 5/5 / WS 12/5

Neutral conductor disconnect terminals

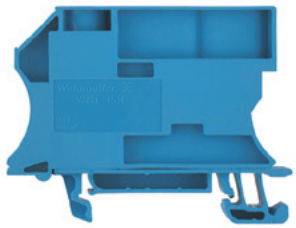
These special modular terminals are specified for insulation measurements, without disconnecting the conductor according to VDE standards, for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

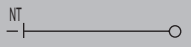
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

WNT 35N — 35 mm²

Compact design

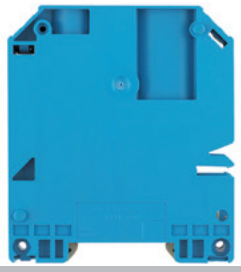


16 x 66 x 51
150 / 50
2.5...50

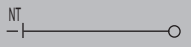


WNT 70N — 70 mm²

Compact design



20.5 x 75 x 86
207 / 95
10...95



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA
400		
125		
35		
	6 kV / 3	
	B8 / V-0	

Rated connection
2.5...16 / 2.5...50
2.5...35 / 2.5...35
4...5 Nm (M 6)
18 / 6.5 x 1.2 mm

The tightening torque for 16 - 50 mm² stranded conductors is 4.5 Nm. Tightening torque for N-isolator: 1.2...2.4 Nm.

IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	
192	175 (C)	
70	AWG 6...00	
	6 kV / 3	
	B11 / V-0	

Rated connection
10...16 / 10...95
10...70 / 10...70
60...12 Nm (M 8)
22 / S6 (DIN 6911)

Tightening torque, N-isolator 2.5..5.0 Nm.

Ordering data

Version
Dark beige Wemid
Blue Wemid
Note

Type	Qty.	Order No.
WNT 35N 10X3	20	1718550000

Type	Qty.	Order No.
WNT 70N/35	10	9512210000

Accessories

End plate / Partition plate
Dark beige Wemid
Blue Wemid
Support bracket for 10 x 3 (required every 20 cm)
Blue Wemid
End bracket
Dark beige Wemid
Screwdriver
With "swifty set" cutting device
Standard
Busbar 10 x 3 (140 A)
OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars
Rigid / flexible 0,5 - 6 / 4 mm²
Rigid / flexible 6 - 16 mm²
Flexible 16 - 35 mm²

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

Identification systems (see assortment in catalogue 7)
Marking tags
Note

DEK 5/5 / WS 12/5

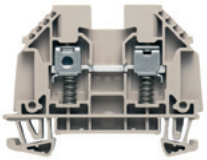
Refer to the "W-Series Accessories" section for PEN bridges.

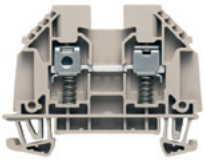
DEK 5/5 / WS 12/5

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WDU 4 SL	WDU 6 SL
	4 mm²	6 mm²
Width/Length/Height of lowest version mm	6.1 x 60 x 47	7.9 x 60 x 47
max. current / max. cond. cross-section A/mm²	41 / 6	57 / 10
Max. clamping range mm²	0.22...6	0.5...10





Technical data

Rated data				
Rated voltage V	IEC 60947-7-1		Ex e II	II 2 G D
Rated current A	IEC	UL	CSA	EN 60079-7
Rated cross-section mm²	500	600 (C)	300 (C)	275
Rated impulse withstand voltage / Pollution severity	32	30 (C)	25 (C)	28
Gauge to IEC 60947-1 / Flammability class UL94	4	AWG 22...10	AWG 22...10	4
Approvals		6 kV / 3		
		A4 / V-0		
				SIRA 02ATEX3242 U
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / stranded mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Tightening torque range (terminal screw)	0.5...1 Nm (M 3)			
Stripping length / Blade size mm/-	15 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded mm²	0.5...1.5			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5			
Note	Note the max. current of the terminal (41 A) when using the cross-connector!			

Rated data				
Rated voltage V	IEC 60947-7-1		Ex e II	II 2 G D
Rated current A	IEC	UL	CSA	EN 60079-7
Rated cross-section mm²	500	150 (C)	300 (C)	275
Rated impulse withstand voltage / Pollution severity	41	50 (C)	45 (C)	36
Gauge to IEC 60947-1 / Flammability class UL94	6	AWG 20...8	AWG 20...8	6
Approvals		6 kV / 3		
		A5 / V-0		
				SIRA 02ATEX3242 U
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / stranded mm²	0.5...10 / 1.5...10			
Flexible / Flexible with ferrule mm²	0.5...6			
Tightening torque range (terminal screw)	1 Nm(M 3.5)			
Stripping length / Blade size mm/-	16 / 4.0 x 0.8 mm			
2 conductors with same cross-section (H05V/H07V)				
Solid / stranded mm²	0.5			
Flexible / Flexible with ferrule mm²				
Note	ESI rated data: 500 V / 24 A / Note the max. current of the terminal (57 A) when using the cross-connector!			

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDU 4 SL	50	9537440000
Dark beige Wemid (combi clip-on feet TS32/25)			
Black Wemid (combi clip-on feet TS32/25)			
Without STB			
Note	With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

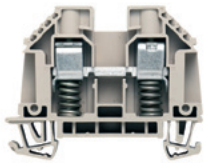
Version	Type	Qty.	Order No.
Dark beige Wemid	WDU 6 SL	50	9537460000
Dark beige Wemid (combi clip-on feet TS32/25)			
Black Wemid (combi clip-on feet TS32/25)			
Without STB			
Note	With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Accessories

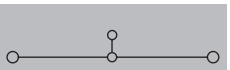
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2 GE	32 A	60	1758250000
3-pole	ZQV 4N/3 GE	32 A	60	1762630000
4-pole	ZQV 4N/4 GE	32 A	60	1762620000
10-pole	ZQV 4N/10 GE	32 A	20	1758260000
20-/24-pole	ZQV 4N/20 GE	32 A	20	1909020000
Screwable cross-connection				
2-pole	WQV 4/2	32 A	50	1051960000
3-pole	WQV 4/3	32 A	50	1054560000
4-pole	WQV 4/4	32 A	50	1054660000
10-pole	WQV 4/10	41 A	20	1052060000
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	1050000000
Black Wemid	WAP 2.5-10 SW	1.5 mm	50	1050010000
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Testing / Checking				
Standard	WTA 3 WDU4	6 mm	25	1632350000
Hak. Cable lugs				
	HBT 1,5 - 3,0 RT		100	1312440000
	HBT 2,5 - 3,0 BL		100	1312450000
Identification systems (see assortment in catalogue 7)				
Marking tags	WS 12/6			
Note				

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
20-/24-pole				
Screwable cross-connection				
2-pole	WQV 6/2	57 A	50	1052360000
3-pole	WQV 6/3	57 A	50	1054760000
4-pole	WQV 6/4	57 A	50	1054860000
10-pole	WQV 6/10	57 A	20	1052260000
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	1050000000
Black Wemid	WAP 2.5-10 SW	1.5 mm	50	1050010000
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Testing / Checking				
Standard	WTA 5/1	5 mm	25	1051260000
Hak. Cable lugs				
	HBT 1,5 - 4,6 RT		100	1233340000
	HBT 2,5 - 4,6 BL		100	1233330000
	HBT 6,0 - 4,6 GE		100	1216230000
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/8 / WS 12/6,5			
Note				

WDU 10 SL — 10 mm²



9.9 x 60 x 47
76 / 10
1.31...10



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	150 (C)	300 (C)	275
57	50 (C)	65 (C)	50
10	AWG 16...8	AWG 16...6	10
6 kV / 3			
A5 / V-0			

SIRA 02ATEX3242 U

Rated connection
1.5...10 / 1.5...10
1...6 / 1.5...10
1.2...2.4 Nm (M 4)
17 / 1.0 x 5.5 mm
1.5...4
2.5...4 / 1...4

ESI rated data: 500 V / 36 A / 16 mm² stranded connection must be tightened with 2 Nm.

Type	Qty.	Order No.
WDU 10 SL	50	9537480000
WDU 10 SL SW	50	9537400000

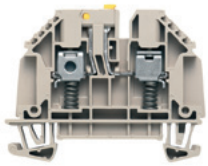
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	1052560000
WQV 10/3	57 A	50	1054960000
WQV 10/4	57 A	50	1055060000
WQV 10/10	57 A	20	1052460000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
WTA 5/1	5 mm	25	1051260000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

DEK 5/5 / WS 12/6,5

WTR 4 SL — 4 mm²

With clamping screw



6.1 x 61.5 x 48.6
32 / 6
0.22...6

IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR 4 SL	50	7910270000

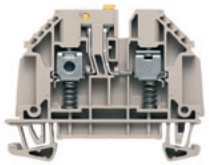
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000

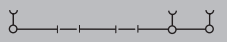
DEK 5/6 / WS 12/6

WTR 4 SL STB — 4 mm²

With socket



6.1 x 61.5 x 47
32 / 6
0.22...6



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

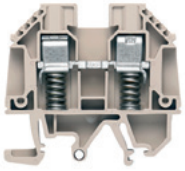
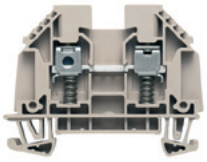
Type	Qty.	Order No.
WTR 4 STB SL	50	7910300000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
	Width		
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000

DEK 5/6 / WS 12/6

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WDU 4 SL/EN 4 mm²	WDU 6 SL/EN 6 mm²
		
Width/Length/Height of lowest version mm	6.1 x 60 x 53.5	7.9 x 60 x 53.5
max. current / max. cond. cross-section A/mm²	**41 / 6**	**57 / 10**
Max. clamping range mm²	**0.22...6**	**0.5...10**

Technical data

	WDU 4 SL/EN 4 mm²	WDU 6 SL/EN 6 mm²
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex e II II 2 G D	Ex e II II 2 G D
Rated cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / Flammability class UL94		
Approvals		

IEC	UL	CSA	EN 60079-7
500	600 (C)	300 (C)	275
32	30 (C)	25 (C)	28
4	AWG 22...10	AWG 22...10	4
	6 kV / 3		
	A4 / V-0		
	SIRA 02ATEX3242 U		

IEC	UL	CSA	EN 60079-7
500	150 (C)	300 (C)	275
41	50 (C)	45 (C)	36
6	AWG 20...8	AWG 20...8	6
	6 kV / 3		
	A5 / V-0		
	SIRA 02ATEX3242 U		

	WDU 4 SL/EN 4 mm²	WDU 6 SL/EN 6 mm²
Clamped conductors (H05V/H07V)		
Solid / stranded mm²	0.5...6 / 1.5...6	0.5...10 / 1.5...10
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...6
Tightening torque range (terminal screw)	0.5...1 Nm (M 3)	1 Nm(M 3.5)
Stripping length / Blade size mm/-	15 / 0.6 x 3.5 mm	16 / 4.0 x 0.8 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded mm²	0.5...1.5	0.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5	
Note	Note the max. current of the terminal (41 A) when using the cross-connector!	ESI rated data: 500 V / 24 A / Note the max. current of the terminal (57 A) when using the cross-connector!

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid			
Dark beige Wemid (combi clip-on feet TS32/25)	WDU 4 SL/EN	50	**9537450000**
Black Wemid (combi clip-on feet TS32/25)	WDU 4 SL/EN SW	50	**9537510000**
Without STB			
Note	With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	Qty.	Order No.
WDU 6 SL/EN	50	**9537470000**
WDU 6 SL/EN SW	50	**9537430000**
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

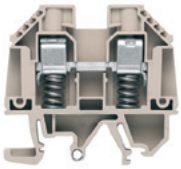
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2 GE	32 A	60	**1758250000**
3-pole	ZQV 4N/3 GE	32 A	60	**1762630000**
4-pole	ZQV 4N/4 GE	32 A	60	**1762620000**
10-pole	ZQV 4N/10 GE	32 A	20	**1758260000**
20-/24-pole	ZQV 4N/20 GE	32 A	20	**1909020000**
Screwable cross-connection				
2-pole	WQV 4/2	32 A	50	**1051960000**
3-pole	WQV 4/3	32 A	50	**1054560000**
4-pole	WQV 4/4	32 A	50	**1054660000**
10-pole	WQV 4/10	41 A	20	**1052060000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Black Wemid	WAP 2.5-10 SW	1.5 mm	50	**1050010000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Testing / Checking				
Standard	WTA 3 WDU4	6 mm	25	**1632350000**
Hak. Cable lugs				
	HBT 1,5 - 3,0 RT		100	**1312440000**
	HBT 2,5 - 3,0 BL		100	**1312450000**

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	**1052360000**
WQV 6/3	57 A	50	**1054760000**
WQV 6/4	57 A	50	**1054860000**
WQV 6/10	57 A	20	**1052260000**
	Width		
WAP 2.5-10	1.5 mm	50	**1050000000**
WAP 2.5-10 SW	1.5 mm	50	**1050010000**
WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
WEW 35/2	8 mm	100	**1061200000**
WTA 5/1	5 mm	25	**1051260000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**

Identification systems (see assortment in catalogue 7)		
Marking tags	WS 12/6	DEK 5/8 / WS 12/6,5
Note		

WDU 10 SL/EN — 10 mm²



9.9 x 56.6 x 53.5
76 / 16
1.31...16

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	600 (C)	300 (C)	275
57	50 (C)	65 (C)	50
10	AWG 16...8	AWG 16...6	10
6 kV / 3			
A6 / V-0			

SIRA 02ATEX3242 U

Rated connection
1.5...16 / 1.5...16
1...6 / 1.5...10
1.2...2.4 Nm (M 4)
17 / 1.0 x 5.5 mm
1.5...4
2.5...4 / 1...4

ESI rated data: 500 V / 36 A / 16 mm² stranded connection must be tightened with 2 Nm.

Type	Qty.	Order No.
WDU 10 SL/EN	50	**9537490000**
WDU 10 SL/EN SW	50	**9537410000**

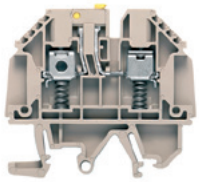
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	**1052560000**
WQV 10/3	57 A	50	**1054960000**
WQV 10/4	57 A	50	**1055060000**
WQV 10/10	57 A	20	**1052460000**
	Width		
WAP 2.5-10	1.5 mm	50	**1050000000**
WAP 2.5-10 SW	1.5 mm	50	**1050010000**
WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
WEW 35/2	8 mm	100	**1061200000**
WTA 5/1	5 mm	25	**1051260000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**

DEK 5/5 / WS 12/6,5

WTR 4 SL/EN — 4 mm²

with clamping screw



6.1 x 61.5 x 55
32 / 6
0.22...6

IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR4 SL/EN	50	**7910360000**
WTR4 SL/EN SW	50	**7910380000**

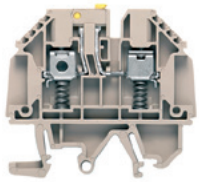
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	**1758250000**
ZQV 4N/3 GE	32 A	60	**1762630000**
ZQV 4N/4 GE	32 A	60	**1762620000**
ZQV 4N/10 GE	32 A	20	**1758260000**
ZQV 4N/20 GE	32 A	20	**1909020000**
	Width		
WAP 2.5-10	1.5 mm	50	**1050000000**
WAP 2.5-10 SW	1.5 mm	50	**1050010000**
WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
WEW 35/2	8 mm	100	**1061200000**
HBT 1,5 - 3,0 RT		100	**1312440000**
HBT 2,5 - 3,0 BL		100	**1312450000**

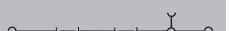
DEK 5/6 / WS 12/6

WTR 4 STB SL/EN — 4 mm²

With socket



6.1 x 61.5 x 55
32 / 6
0.22...6



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
13 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

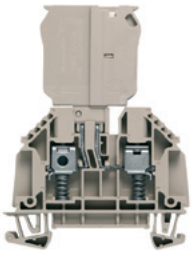
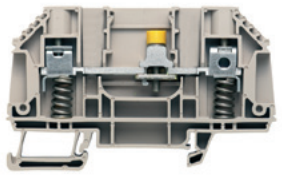
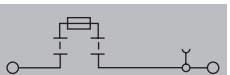
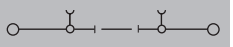
Type	Qty.	Order No.
WTR4 SL/EN STB	50	**7910390000**

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	**1758250000**
ZQV 4N/3 GE	32 A	60	**1762630000**
ZQV 4N/4 GE	32 A	60	**1762620000**
ZQV 4N/10 GE	32 A	20	**1758260000**
ZQV 4N/20 GE	32 A	20	**1909020000**
	Width		
WAP 2.5-10	1.5 mm	50	**1050000000**
WAP 2.5-10 SW	1.5 mm	50	**1050010000**
WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
WEW 35/2	8 mm	100	**1061200000**
HBT 1,5 - 3,0 RT		100	**1312440000**
HBT 2,5 - 3,0 BL		100	**1312450000**

DEK 5/6 / WS 12/6

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WTR 4 SI SL	WTL 6 SL
	4 mm²	6 mm²
	With fuse holder	
		
Width/Length/Height of lowest version	6.1 x 61.5 x 97.5	7.9 x 82.7 x 50.5
max. current / max. cond. cross-section	**6.3 / 6**	**57 / 10**
Max. clamping range	**0.22...6**	**0.5...10**
		

Technical data

	WTR 4 SI SL	WTL 6 SL
Rated data	IEC 60947-7-1	IEC 60947-7-1
Rated voltage (V)	IEC: 400 / UL: 300 (C) / CSA: 300 (D)	IEC: 500 / UL: / CSA:
Rated current (A)	6.3 / 6.3 (C) / 6.3 (D)	
Rated cross-section (mm²)	4 / AWG 22...10 / AWG 22...10	6 / /
Rated impulse withstand voltage / Pollution severity	6 kV / 3	/ 3
Gauge to IEC 60947-1 / Flammability class UL94	A4 / V-0	A5 / V-0
Approvals		
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / stranded (mm²)	0.5...6 / 1.5...6	0.5...10 / 1.5...10
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...4	0.5...6
Tightening torque range (terminal screw)	0.5...0.6 Nm (M 3)	1 Nm(M 3.5)
Stripping length / Blade size (mm/-)	13 / 0.6 x 3.5 mm	16 / 4.0 x 0.8 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded (mm²)	0.5...1.5	
Flexible / Flexible with ferrule (mm²)	0.5...1.5 / 0.5...1.5	
Note		Rated data ESI: 500 V / 24 A.

Ordering data

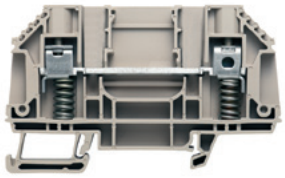
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WTR 4 SI SL	25	**7910330000**	WTL 6 SL	50	**1161690000**
Dark beige Wemid (combi clip-on feet TS32/25)						
Black Wemid (combi clip-on feet TS32/25)						
Without STB				WTL 6 SL 0.STB	600	**1238930000**
Note				With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 4N/2 GE	32 A	60	**1758250000**				
3-pole	ZQV 4N/3 GE	32 A	60	**1762630000**				
4-pole	ZQV 4N/4 GE	32 A	60	**1762620000**				
10-pole	ZQV 4N/10 GE	32 A	20	**1758260000**				
20-/24-pole	ZQV 4N/20 GE	32 A	20	**1909020000**				
Screwable cross-connection								
2-pole					WQV 6/2	57 A	50	**1052360000**
3-pole					WQV 6/3	57 A	50	**1054760000**
4-pole					WQV 6/4	57 A	50	**1054860000**
10-pole					WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate		Width				Width		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**	WAP WTL6 SL 4-6	1.5 mm	20	**1238880000**
Black Wemid	WAP 2.5-10 SW	1.5 mm	50	**1050010000**	WAP WTL6 SL	1.5 mm	20	**9538110000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**	WTW EN	3 mm	20	**1058800000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Testing / Checking								
Standard								
Hak. Cable lugs								
	HBT 1,5 - 3,0 RT		100	**1312440000**	HBT 1,5 - 4,6 RT		100	**1233340000**
	HBT 2,5 - 3,0 BL		100	**1312450000**	HBT 2,5 - 4,6 BL		100	**1233330000**
					HBT 6,0 - 4,6 GE		100	**1216230000**
Identification systems (see assortment in catalogue 7)								
Marking tags	DEK 5/6 / WS 12/6				WS 12/6,5			
Note								

WTD 6 SL — 6 mm²

Feed-through



7.9 x 82.7 x 50.5
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
500		
41		
6		
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...10
0.5...6
1 Nm(M 3.5)
16 / 4.0 x 0.8 mm
0.5

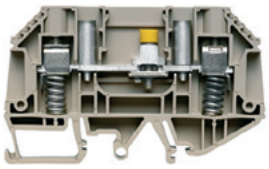
Rated data ESI: 500 V / 24 A.

Type	Qty.	Order No.
WTD 6 SL	50	9538090000
WTD 6 SL 0.STB	600	1238920000

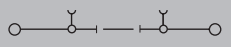
Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6 SL 4-6	1.5 mm	20	1238880000
WAP WTL6 SL	1.5 mm	20	9538110000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000
WS 12/6,5			

WTL 6 SL/EN — 6 mm²

Longitudinal - disconnector



7.9 x 82.7 x 51.5
57 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA
500		
41		
6		
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...10
0.5...6
1 Nm(M 3.5)
16 / 4.0 x 0.8 mm
0.5

Rated data ESI: 500 V / 24 A.

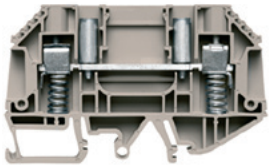
Type	Qty.	Order No.
WTL 6 SL/EN	50	9538080000

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6 SL 4-6	1.5 mm	20	1238880000
WAP WTL6 SL	1.5 mm	20	9538110000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000
WS 12/6,5			

WTD 6 SL/EN — 6 mm²

Feed-through



7.9 x 82.7 x 51.5
57 / 10
0.5...10

IEC 60947-7-1

IEC	UL	CSA
500		
41		
6		
	6 kV / 3	
	A5 / V-0	

Rated connection
0.5...10 / 1.5...10
0.5...6
1 Nm(M 3.5)
16 / 4.0 x 0.8 mm
0.5

Rated data ESI: 500 V / 24 A.

Type	Qty.	Order No.
WTD 6 SL/EN	50	9538100000

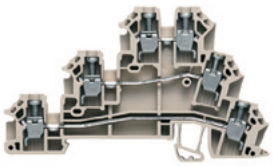
Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
	Width		
WAP WTL6 SL 4-6	1.5 mm	20	1238880000
WAP WTL6 SL	1.5 mm	20	9538110000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000
WS 12/6,5			

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

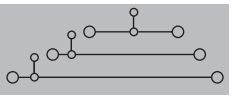
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

DLD 2.5 — 2.5 mm²

Voltage supply

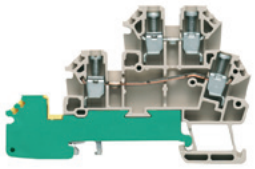


Width/Length/Height of lowest version	6.1 x 82.5 x 49 mm
max. current / max. cond. cross-section	24 / 4 A/mm²
Max. clamping range	0.13...4 mm²

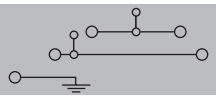


DLD 2.5 PE — 2.5 mm²

Lower level earthed



Width/Length/Height of lowest version	6.1 x 74.5 x 49 mm
max. current / max. cond. cross-section	17.5 / 4 A/mm²
Max. clamping range	0.13...4 mm²



Technical data

Rated data	DLD 2.5	DLD 2.5 PE
Rated voltage	IEC 60947-7-1	IEC 60947-7-1
Rated current	IEC	IEC
Rated cross-section	250	250
Rated impulse withstand voltage / Pollution severity	24	17.5
Gauge to IEC 60947-1 / Flammability class UL94	2.5	2.5
Approvals	UL	UL
	300 (D)	300 (D)
	10 (D)	10 (D)
	AWG 22...12	AWG 22...12
	CSA	CSA
	300 (C)	300 (D)
	10 (C)	10 (D)
	AWG 26...12	AWG 26...12
	4 kV / 3	4 kV / 3
	A3 / V-0	A3 / V-0
Electronic fixtures		
Component voltage / Component current V/A		
Operating voltage for display, max. / Current V/A		
Clamped conductors (H05V/H07V)		
Solid / stranded mm²	0.5...4 / 1.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size mm/-	7 / 0.6 x 3.5 mm	7 / 0.6 x 3.5 mm
Note	Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.	Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	DLD 2.5 DB	50	1784180000
Dark beige Wemid (red LED)			
Dark beige Wemid (green LED)			
Note	Variant in blue, Order no. 6269250000 (qty. 50)		

Type	Qty.	Order No.
DLD 2.5/PE DB	50	1783790000

Accessories

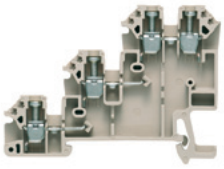
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	Q 2 DLI	20 A	50	1312500000
3-pole	Q 3 DLI	20 A	50	1312600000
4-pole	Q 4 DLI	20 A	50	1312700000
10-pole	Q 10 DLI	20 A	20	1313100000
End plate / Partition plate		**Width**		
Dark beige Wemid	AP DLI2.5 DB	1.5 mm	20	1783550000
End bracket				
Dark beige Wemid	EW 35	8.5 mm	50	0383560000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	9008330000
Small partition				
Small partition	TSCH 1	2 mm	100	0319160000

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
	Width		
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/6	DEK 5/6
Note	TEAP DLD2.5 DB partial end plate, Order no. 1784220000 (20 pcs.)	TEAP DLD2.5/PE DB partial end plate, Order no. 1783810000 (20 pcs.)

DLI 2.5 — 2.5 mm²

Initiator connection (signal,+,-)



6.1 x 66 x 49
26 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA
250	300 (D)	300 (C)
24	10 (D)	10 (C)
2.5	AWG 22...12	AWG 26...12
	4 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped.

Type	Qty.	Order No.
DLI 2.5 DB	100	1783820000

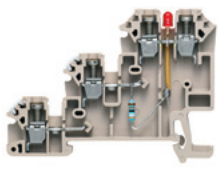
Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
	Width		
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

DEK 5/6

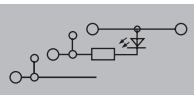
StB 8.5 socket in upper busbar (together with PS 2.3 test plug)

DLI 2.5 LD PNP — 2.5 mm²

Initiator connection with LED



6.1 x 66 x 49
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA
30	30 (C)	30 (C)
24	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
	0.8 kV / 3	
	A3 / V-0	

30 / 5

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

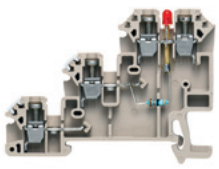
Type	Qty.	Order No.
DLI 2.5/LD-RT/PNP +- DB	100	1783980000
DLI 2.5/LD-GN/PNP +- DB	100	1783970000

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
	Width		
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

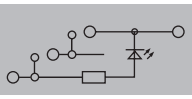
DEK 5/6

DLI 2.5 LD NPN — 2.5 mm²

Initiator connection with LED



6.1 x 66 x 49
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA
30	30 (C)	30 (C)
24	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
	0.8 kV / 3	
	A3 / V-0	

30 / 5

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLI 2.5/LD-RT/NPN -+ DB	100	1783950000
DLI 2.5/LD-GN/NPN -+ DB	100	1783940000

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
	Width		
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

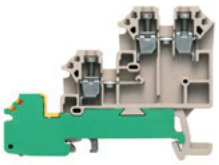
DEK 5/6

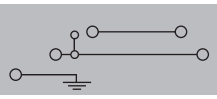
Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

DLA 2.5 — 2.5 mm²

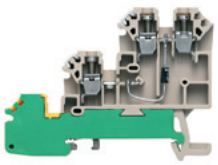
Actuator connection (signal,-,PE)

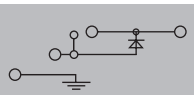




DLA 2.5/D — 2.5 mm²

Actuator connection (circuit with diode)





Width/Length/Height of lowest version	mm	6.1 x 65 x 49
max. current / max. cond. cross-section	A/mm²	**26 / 4**
Max. clamping range	mm²	**0.13...4**

Width/Length/Height of lowest version	mm	6.1 x 66 x 49
max. current / max. cond. cross-section	A/mm²	**17.5 / 4**
Max. clamping range	mm²	**0.13...4**

Technical data

Rated data		IEC 60947-7-1 (-7-2)
		IEC / UL / CSA
Rated voltage	V	250 / 300 (D) / 300 (D)
Rated current	A	17.5 / 10 (D) / 10 (D)
Rated cross-section	mm²	2.5 / AWG 22...12 / AWG 26...12
Rated impulse withstand voltage / Pollution severity		4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0
Approvals		cULus
Electronic fixtures		
Component voltage / Component current	V/A	
Operating voltage for display, max. / Current	V/A	
Clamped conductors (H05V/H07V)		
Solid / stranded	mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm
Note		Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Rated data		IEC 60947-7-1 (-7-2)
		IEC / UL / CSA
Rated voltage	V	250 / 300 (D) / 300 (D)
Rated current	A	17.5 / 10 (D) / 10 (D)
Rated cross-section	mm²	2.5 / AWG 22...12 / AWG 26...12
Rated impulse withstand voltage / Pollution severity		4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0
Approvals		cULus
Electronic fixtures		
Component voltage / Component current	V/A	1000 / 1
Operating voltage for display, max. / Current	V/A	
Clamped conductors (H05V/H07V)		
Solid / stranded	mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm
Note		Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	DLA 2.5 DB	100	**1783560000**
Dark beige Wemid (red LED)			
Dark beige Wemid (green LED)			
Note			

Version	Type	Qty.	Order No.
Dark beige Wemid	DLA 2.5/D DB	100	**1783590000**
Dark beige Wemid (red LED)			
Dark beige Wemid (green LED)			
Note			

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	Q 2 DLI	20 A	50	**1312500000**
3-pole	Q 3 DLI	20 A	50	**1312600000**
4-pole	Q 4 DLI	20 A	50	**1312700000**
10-pole	Q 10 DLI	20 A	20	**1313100000**
End plate / Partition plate		**Width**		
Dark beige Wemid	AP DLI2.5 DB	1.5 mm	20	**1783550000**
End bracket				
Dark beige Wemid	EW 35	8.5 mm	50	**0383560000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**9008330000**
Small partition				
Small partition	TSCH 1	2 mm	100	**0319160000**

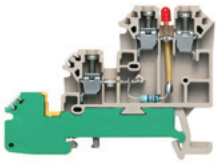
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	Q 2 DLI	20 A	50	**1312500000**
3-pole	Q 3 DLI	20 A	50	**1312600000**
4-pole	Q 4 DLI	20 A	50	**1312700000**
10-pole	Q 10 DLI	20 A	20	**1313100000**
End plate / Partition plate		**Width**		
Dark beige Wemid	AP DLI2.5 DB	1.5 mm	20	**1783550000**
End bracket				
Dark beige Wemid	EW 35	8.5 mm	50	**0383560000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**9008330000**
Small partition				
Small partition	TSCH 1	2 mm	100	**0319160000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/6
Note	

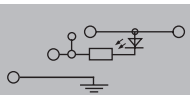
	DEK 5/6

DLA 2.5/LD — 2.5 mm²

Actuator connection with LED



6.1 x 66 x 49
17.5 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
30	30 (C)	30 (C)
17.5	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
	0.8 kV / 3	
	A3 / V-0	

30 / 5	
Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
7 / 0.6 x 3.5 mm	

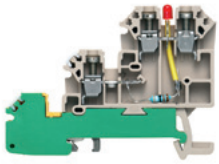
Type	Qty.	Order No.
DLA 2.5/LD-RT DB	100	**1783600000**

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	**1312500000**
Q 3 DLI	20 A	50	**1312600000**
Q 4 DLI	20 A	50	**1312700000**
Q 10 DLI	20 A	20	**1313100000**
	Width		
AP DLI2.5 DB	1.5 mm	20	**1783550000**
EW 35	8.5 mm	50	**0383560000**
SDS 0.6X3.5X100		1	**9008330000**
TSCH 1	2 mm	100	**0319160000**

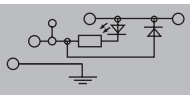
DEK 5/6

DLA 2.5/LD/D — 2.5 mm²

Actuator connection with LED



6.1 x 66 x 49
17.5 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
30	30 (C)	30 (C)
	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
	0.8 kV / 3	
	A3 / V-0	

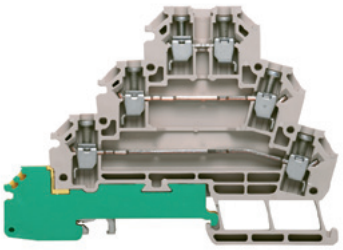
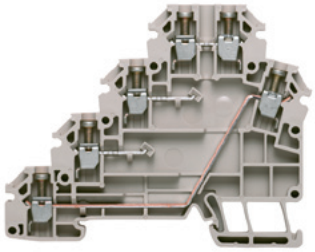
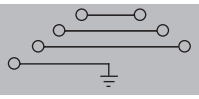
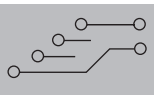
1000 / 1	
30 / 5	
Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
7 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
DLA 2.5/LD-GN/D DB	100	**1783630000**

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	**1312500000**
Q 3 DLI	20 A	50	**1312600000**
Q 4 DLI	20 A	50	**1312700000**
Q 10 DLI	20 A	20	**1313100000**
	Width		
AP DLI2.5 DB	1.5 mm	20	**1783550000**
EW 35	8.5 mm	50	**0383560000**
SDS 0.6X3.5X100		1	**9008330000**
TSCH 1	2 mm	100	**0319160000**

DEK 5/6

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		MAK 2.5	2.5 mm²	VLI 1.5	1.5 mm²
					
Width/Length/Height of lowest version	mm	6.2 x 88 x 64		6.15 x 69 x 64	
max. current / max. cond. cross-section	A/mm²	**31 / 4**		**24 / 4**	
Max. clamping range	mm²	**0.13...4**		**0.13...4**	

Technical data

Rated data		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	500	300 (D)	300 (C)	250	300 (D)	
Rated current	A	24	10 (D)	10 (C)	17.5	10 (D)	
Rated cross-section	mm²	2.5	AWG 22...12	AWG 26...12	1.5	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3			4 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0			A3 / V-0	
Approvals							
Clamped conductors (H05V/H07V)							
Solid / stranded	mm²	0.5...4 / 0.5...4			0.5...4 / 0.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			8 / 0.6 x 3.5 mm		
Note							

IEC 60947-7-1 (-7-2)

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	MAK 2.5 DB	50	**7917030000**	VLI 1.5 DB	50	**1784120000**
With PE foot				VLI 1.5/PE DB	50	**1784130000**
Note						

Accessories

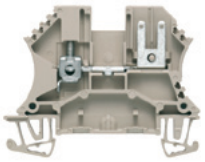
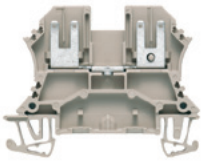
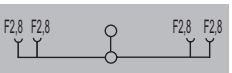
End plate / Partition plate	Type	Width	Qty.	Order No.	Type	Width	Qty.	Order No.
Dark beige PA	AP MAK2.5 DB	1.5 mm	20	**7917000000**	AP VLI1.5 DB	1.5 mm	20	**1784150000**
End bracket								
Dark beige Wemid	WEW 35/1	12 mm	50	**1059000000**	WEW 35/1	12 mm	50	**1059000000**
Screwdriver								
Standard	SDIS 0.6X3.5X100		1	**9008390000**	SDIS 0.6X3.5X100		1	**9008390000**
Cross-connection		**current**				**current**		
black	VQB 1.5/50 SW	17.5 A	5	**1635120000**	VQB 1.5/50 SW	17.5 A	5	**1635120000**
blue	VQB 1.5/50 BL	17.5 A	5	**1633280000**	VQB 1.5/50 BL	17.5 A	5	**1633280000**
red	VQB 1.5/50 RT	17.5 A	5	**1633290000**	VQB 1.5/50 RT	17.5 A	5	**1633290000**

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5	DEK 5/5
Note		

Spade connection

Terminals with cable-lugs acc. to EN 61210 / VDE 0613-6.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

	WDU 2.5 F	WDU 2.5 FF 2*2.8
	2.5 mm²	1 mm²
	Spade connection right	Spade connection left and right
		
Width/Length/Height of lowest version	5.1 x 60 x 47	5.1 x 60 x 47
max. current / max. cond. cross-section	12 / 4	12 / 1
Max. clamping range	0.13...4	...1
		

Technical data

	WDU 2.5 F	WDU 2.5 FF 2*2.8
Rated data		
Rated voltage	IEC 60947-7-1, IEC 61210	IEC 60947-7-1, IEC 61210
Rated current	IEC / UL / CSA	IEC / UL / CSA
Rated cross-section	500 / 300 (C) / 300 (C)	500 / 300 (C) / 300 (C)
Rated impulse withstand voltage / Pollution severity	12 / 16 (C) / 10 (C)	12 / 16 (C) / 10 (C)
Gauge to IEC 60947-1 / Flammability class UL94	2.5 / AWG 22...12 / AWG 26...12	1 / AWG 22...12 / AWG 26...12
Approvals	6 kV / 3	6 kV / 3
	A3 / V-0	/ V-0
Clamped conductors (H05V/H07V)	Rated connection / Further connection	Rated connection / Further connection
Solid / stranded mm²	0.5...4 / 1.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Tightening torque range (terminal screw)	0.4...0.8 Nm (M 2.5)	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded mm²	0.5...1.5	
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5	
Note	With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor.	With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor.

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WDU 2.5 F 2X2.8	100	**1021800000**
Blue Wemid			
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Version	Type	Qty.	Order No.
	WDU 2.5 FF 2X2.8	100	**1021900000**
Note	Technical data refers to the 2.8 mm cable-lug connector with 1 mm² wire.		

Accessories

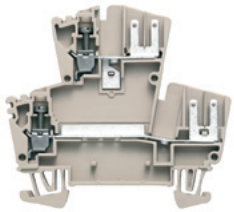
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**
3-pole	WQV 2.5/3	32 A	50	**1053760000**
4-pole	WQV 2.5/4	32 A	50	**1053860000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Blue Wemid	WAP 2.5-10 BL	1.5 mm	50	**1050080000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
Blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Cover				
With lightning flash symbol	WAD 4 GE BED	4.5 mm	50	**1072000000**
Blank, white	WAD 4 WS	4.5 mm	50	**1072100000**

Screwable cross-connection	Type	current	Qty.	Order No.
	WQV 2.5/2	32 A	50	**1053660000**
	WQV 2.5/3	32 A	50	**1053760000**
	WQV 2.5/4	32 A	50	**1053860000**
	WQV 2.5/10	32 A	20	**1054460000**
	Width			
	WAP 2.5-10	1.5 mm	50	**1050000000**
	WAP 2.5-10 BL	1.5 mm	50	**1050080000**
	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
	WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	**1050180000**
	WEW 35/2	8 mm	100	**1061200000**
	WAD 4 GE BED	4.5 mm	50	**1072000000**
	WAD 4 WS	4.5 mm	50	**1072100000**

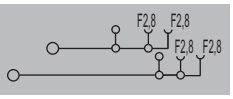
Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 12/5	DEK 5/5 / WS 12/5
Note	Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000	Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

WDK 2.5 F — 2.5 mm²

Spade connection right



5.1 x 69.5 x 63
12 / 4
0.13...4



IEC 60947-7-1, IEC 61210

IEC	UL	CSA
400	300 (C)	300 (C)
12	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor.

Type	Qty.	Order No.
WDK 2.5 F	100	**1021600000**
WDK 2.5 F BL	100	**1021680000**

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

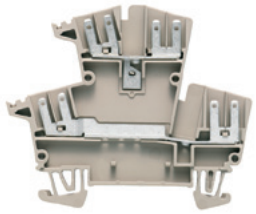
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/3	32 A	50	**1053760000**
WQV 2.5/4	32 A	50	**1053860000**
WQV 2.5/10	32 A	20	**1054460000**
	Width		
WAP WDK2.5	1.5 mm	20	**1059100000**
WAP WDK2.5 BL	1.5 mm	20	**1059180000**
WTW EN	3 mm	20	**1058800000**
WEW 35/2	8 mm	100	**1061200000**
WAD 4 GE BED	4.5 mm	50	**1072000000**
WAD 4 WS	4.5 mm	50	**1072100000**

DEK 5/5 / WS 8/5

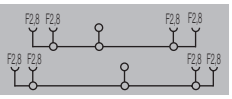
Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

WDK 2.5 FF — 1 mm²

Spade connection left and right



5.1 x 75.5 x 63
12 / 1
...1



IEC 60947-7-1, IEC 61210

IEC	UL	CSA
400	300 (C)	300 (C)
12	10 (C)	10 (C)
1	AWG 22...14	AWG 26...12
	6 kV / 3	
	/ V-0	

Rated connection	Further connection

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor.

Type	Qty.	Order No.
WDK 2.5 FF	100	**1021700000**

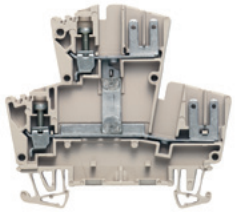
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/3	32 A	50	**1053760000**
WQV 2.5/4	32 A	50	**1053860000**
WQV 2.5/10	32 A	20	**1054460000**
	Width		
WAP WDK2.5	1.5 mm	20	**1059100000**
WAP WDK2.5 BL	1.5 mm	20	**1059180000**
WTW EN	3 mm	20	**1058800000**
WEW 35/2	8 mm	100	**1061200000**
WAD 4 GE BED	4.5 mm	50	**1072000000**
WAD 4 WS	4.5 mm	50	**1072100000**

DEK 5/5 / WS 8/5

Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

WDK 2.5 FV — 2.5 mm²

Spade connection right, both levels at one potential



5.1 x 69.5 x 63
12 / 4
0.13...4

IEC 60947-7-1, IEC 61210

IEC	UL	CSA
400	300 (C)	300 (C)
12	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor.

Type	Qty.	Order No.
WDK 2.5 FV	100	**1022400000**

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/3	32 A	50	**1053760000**
WQV 2.5/4	32 A	50	**1053860000**
WQV 2.5/10	32 A	20	**1054460000**
	Width		
WAP WDK2.5	1.5 mm	20	**1059100000**
WAP WDK2.5 BL	1.5 mm	20	**1059180000**
WTW EN	3 mm	20	**1058800000**
WEW 35/2	8 mm	100	**1061200000**
WAD 4 GE BED	4.5 mm	50	**1072000000**
WAD 4 WS	4.5 mm	50	**1072100000**

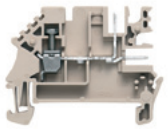
DEK 5/5 / WS 8/5

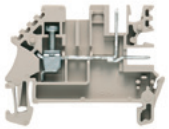
Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

Plug-in connection

WDU 1.5 BLZ 5.08 WQV	1.5 mm²
Screwable cross-connection	

WDU 1.5 BLZ 5.08 ZQV	1.5 mm²
Plug-in cross-connection	





In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	5.08 x 49 x 37.5	5.08 x 49 x 37.5
max. current / max. cond. cross-section	A/mm²	**16 / 4**	**16 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**

Technical data

Rated data		WDU 1.5 BLZ 5.08 WQV	WDU 1.5 BLZ 5.08 ZQV
		IEC 60947-7-1, IEC 61984	IEC 60947-7-1, IEC 61984
Rated voltage	V	250	250
Rated current	A	16	16
Rated cross-section	mm²	1.5	1.5
Rated impulse withstand voltage / Pollution severity		4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	A3 / V-0
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded	mm²	0.5...1.5	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Note		Size with BLZ female header: L=57.5 mm/H=55.5 mm 2.5 mm² conductor w. ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).	Size with BLZ female header: L=57.5 mm/H=55.5 mm 2.5 mm² conductor w. ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).

IEC	UL	CSA
250	300 (D)	300 (C)
16	10 (D)	10 (C)
1.5	AWG 22...12	AWG 26...12

Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Ordering data

Version	WDU 1.5 BLZ 5.08 WQV			WDU 1.5 BLZ 5.08 ZQV		
	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WDU 1.5/BLZ 5.08	100	**1577340000**	WDU 1.5/ZQV/BLZ 5.08	100	**1784460000**
Note	WDU 1.5 BLA Order no. 1577260000 (100 pcs.). Techn. data same as WDU 1.5 BLZ.					

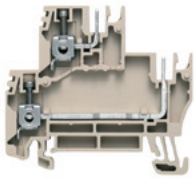
Accessories

	WDU 1.5 BLZ 5.08 WQV			WDU 1.5 BLZ 5.08 ZQV		
Pluggable cross-connection	Type	current	Order No.	Type	current	Order No.
10-pole				ZQV 2.5N/10 GE	24 A	**1693880000**
2-pole				ZQV 2.5N/2 GE	24 A	**1693800000**
3-pole				ZQV 2.5N/3 GE	24 A	**1693810000**
4-pole				ZQV 2.5N/4 GE	24 A	**1693820000**
End plate / Partition plate		Width			Width	
With assembly peg	WAP WDU1.5/BLZ/ZA	2.5 mm	**1577320000**	WAP WDU1.5/BLZ/ZA	2.5 mm	**1577320000**
Without peg	WAP WDU1.5/BLZ	2.5 mm	**1577330000**	WAP WDU1.5/BLZ	2.5 mm	**1577330000**
End bracket						
Dark beige Wemid	WEW 35/2	8 mm	**1061200000**	WEW 35/1	12 mm	**1059000000**
Mounting block for socket connector						
With assembly peg	WBB ZA WDU1.5/BL 10/10	5 mm	**1068260000**	WBB ZA WDU1.5/BL 10/10	5 mm	**1068260000**
Without peg	WBB WDU1.5/BL...	5 mm	**1068160000**	WBB WDU1.5/BL...	5 mm	**1068160000**
Socket blocks						
4-pole				BLZ 5.08/04/180 SN OR BX		**1526660000**
6-pole				BLZ 5.08/06/180 SN OR BX		**1526860000**
8-pole				BLZ 5.08/08/180 SN OR BX		**1527060000**
(with lateral dovetail) 4-pole				BLZ 5.08/04/180B SN OR BX		**1528960000**
(with lateral dovetail) 6-pole				BLZ 5.08/06/180B SN OR BX		**1529160000**
(with lateral dovetail) 8-pole				BLZ 5.08/08/180B SN OR BX		**1529360000**
Coding						
Coding element				BLZ/SL KO SW		**1545710000**
Miscellaneous accessories						
Cover for unused pins				WAD WDU1.5/BLZ/BLA	9.48 mm	**1577400000**

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 12/5	DEK 5/5 / WS 12/5
Note	Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000).	Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000).

WDK 2.5 BLZ/5.08 — 2.5 mm²

Double terminal pitch 5.08



5.08 x 58 x 53
18 / 4
0.13...4

IEC 60947-7-1, IEC 61984

IEC	UL	CSA
250	300 (D)	300 (D)
16.5	10 (D)	24 (D)
2.5	AWG 26...12	AWG 26...12
	4 kV / 3	
	A3 / V-0	

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Size with BLZ female header: length 58 mm / height 63.5 mm

Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA	100	**1034400000**

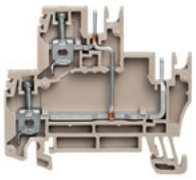
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
Width			
WAP WDK2.5/BLZ/M.ZA	5.08 mm	20	**1070100000**
WAP WDK2.5/BLZ/0.ZA	5.08 mm	20	**1070000000**
WEW 35/1	12 mm	50	**1059000000**
WBB ZA WDK2.5/BL5.08	5 mm	10	**1072760000**
WBB WDK2.5/BL5.08	5 mm	10	**1072660000**
BLZ 5.08/04/180 SN OR BX		100	**1526660000**
BLZ 5.08/06/180 SN OR BX		50	**1526860000**
BLZ 5.08/08/180 SN OR BX		50	**1527060000**
BLZ 5.08/04/180B SN OR BX		100	**1528960000**
BLZ 5.08/06/180B SN OR BX		50	**1529160000**
BLZ 5.08/08/180B SN OR BX		50	**1529360000**
BLZ/SL KO SW		50	**1545710000**
WAD WDU1.5/BLZ/BLA	9.48 mm	20	**1577400000**

DEK 5/5 / WS 8/5

External cross-connection WQB A, refer to the W-Series accessories section, "Potential distribution".

WDK 2.5 BLZ/5.08/ZA V — 2.5 mm²



5.08 x 58 x 53
18 / 4
0.13...4

IEC 60947-7-1, IEC 61984

IEC	UL	CSA
250		
16.5		
2.5		
	4 kV / 3	
	A3 / V-0	

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

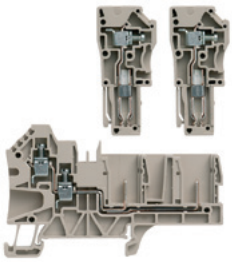
Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA V	100	**1027410000**

Type	current	Qty.	Order No.
Width			
WAP WDK2.5/BLZ/M.ZA	5.08 mm	20	**1070100000**
WAP WDK2.5/BLZ/0.ZA	5.08 mm	20	**1070000000**
WEW 35/1	12 mm	50	**1059000000**
WBB ZA WDK2.5/BL5.08	5 mm	10	**1072760000**
WBB WDK2.5/BL5.08	5 mm	10	**1072660000**
BLZ 5.08/04/180 SN OR BX		100	**1526660000**
BLZ 5.08/06/180 SN OR BX		50	**1526860000**
BLZ 5.08/08/180 SN OR BX		50	**1527060000**
BLZ 5.08/04/180B SN OR BX		100	**1528960000**
BLZ 5.08/06/180B SN OR BX		50	**1529160000**
BLZ 5.08/08/180B SN OR BX		50	**1529360000**
BLZ/SL KO SW		50	**1545710000**
WAD WDU1.5/BLZ/BLA	9.48 mm	20	**1577400000**

DEK 5/5 / WS 8/5

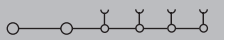
WT4 4 AN/2 — 4 mm²

NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	6.1 x 84.3 x 50.7
max. current / max. cond. cross-section	A/mm²	/ 6
Max. clamping range	mm²	0.5...6



Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	800	600 (C)	
Rated current	A	32	30 (C)	
Rated cross-section	mm²	4	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A4 / V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection	Further connection
Solid / stranded	mm²	0.5...6 / 0.5...6	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4	
Tightening torque range (terminal screw)			
Stripping length / Blade size	mm/-	/ 0.6 x 3.5 mm	

Note	

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WT4 4AN/2	50	1107680000

Note	

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2 GE	32 A	60	1758250000
3-pole	ZQV 4N/3 GE	32 A	60	1762630000
4-pole	ZQV 4N/4 GE	32 A	60	1762620000
10-pole	ZQV 4N/10 GE	32 A	20	1758260000
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WT4/4AN/2	1.5 mm	50	1107780000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP4	5.5 mm	25	1855250000
Coding element	KOSF ZT4	5.4 mm	50	1856860000
Strain relief	ZZE ZP4	12.5 mm	25	1855260000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	9008330000
Plug-in connector				
	WP4/1AN/1		50	1107790000
	WP4/1AN/1 ZA		50	1108490000
	WP4/1AN/10		10	1107800000

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/6

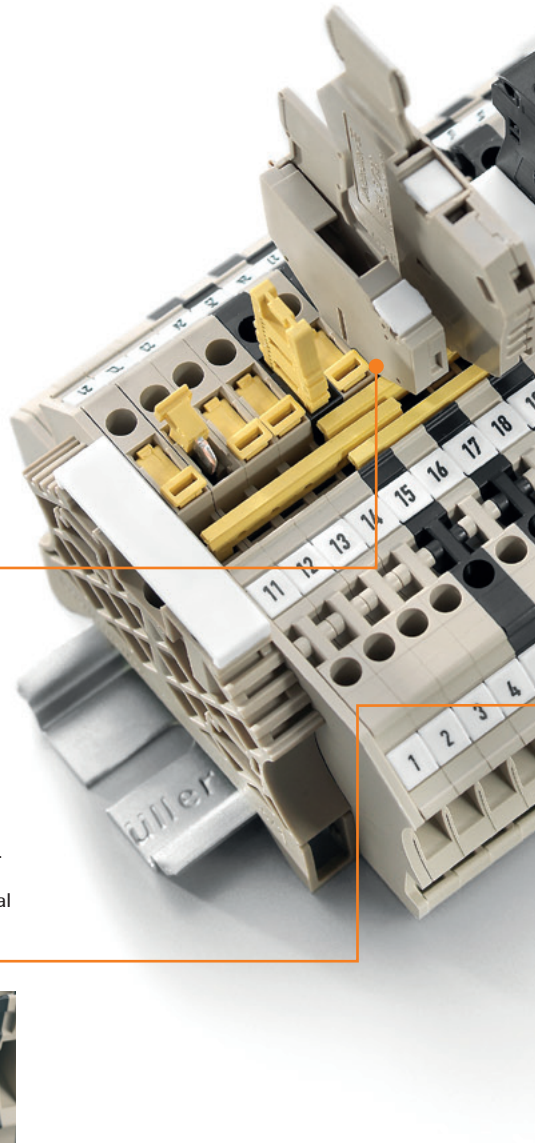
Note	

WMF marshalling terminals

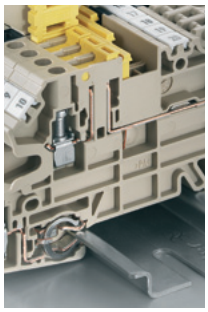
Multi-function terminal block products for marshalling signals

In process control systems for facilities in the process and power generation sectors, incoming signals from field devices are often connected with terminal blocks within marshalling cabinets. Terminal blocks are used despite the existence of alternative technologies such as Remote I/O and Fieldbus. This is mainly because they offer a robust and simple connection system, and can be clearly labelled for orderly installation.

Weidmüller's new WMF (Weidmüller Multi-Functional) line of terminal blocks provides a multi-functional solution for marshalling signals. This space-saving terminal block combines all the necessary functionality into a single solution. It features an integrated shield connection and can be used with feed-through, fuse and disconnect functionality. The three cross-connection channels and wide variety of labelling options offer additional flexibility.

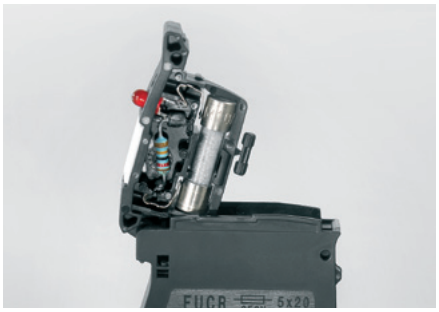


A solution to fit any scenario
Feed-through, fuse and disconnect functions, and even an integrated shield connection: all the required functions are combined together in this design.



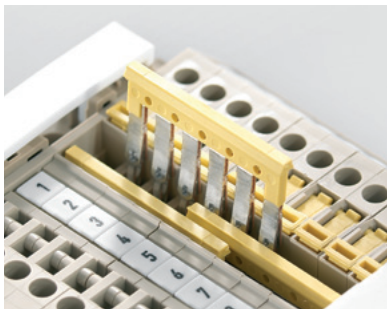
Saves space in the switching cabinet
The 5 mm width allows for high-density wiring. The integrated shield/PE connection replaces the shield-connection devices or the PE terminal blocks.

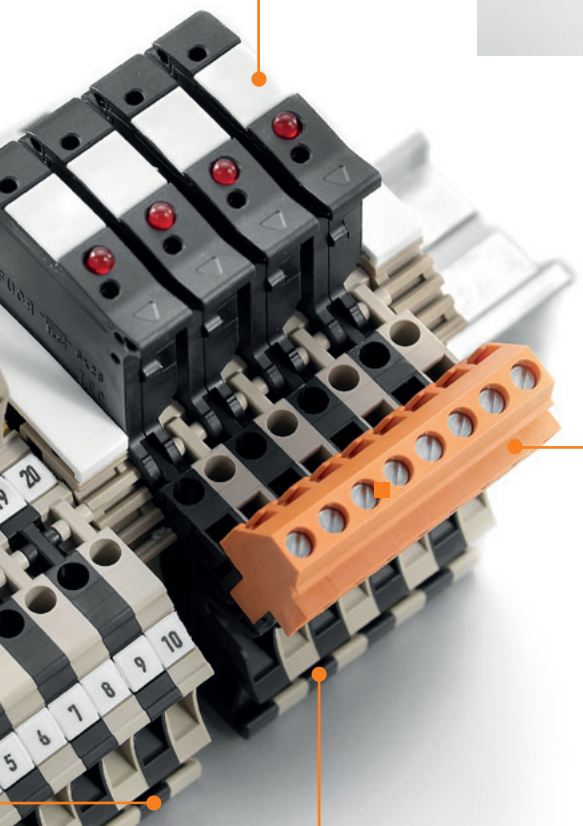
Fuse is convenient to replace
The new design of the fuse holder includes a hinged fuse carrier – this enables the fuse to be replaced quickly and reliably.



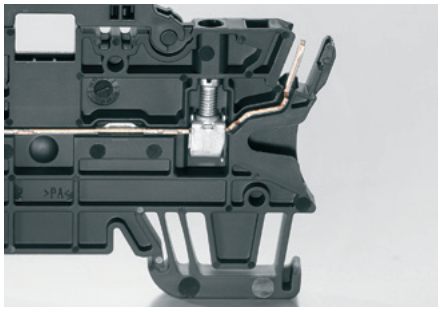
Optional LED status indicator
Easy identification during troubleshooting and no interference signals in control circuit – because of optional bright LED status display and minimal leakage current (less than 0.5 mA).

Cross-connection channels
The WMF terminal block has three cross-connection channels; they are a very flexible solution for bundling and looping through of potentials. The standard ZQV cross-connections can be used to join both the neutral wire and also a shielded potential voltage across a large number of poles.

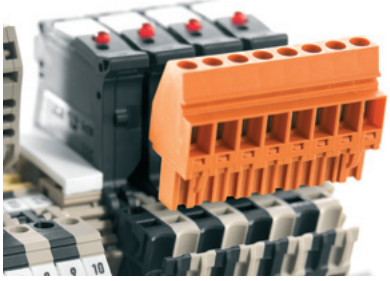




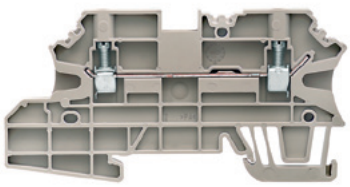
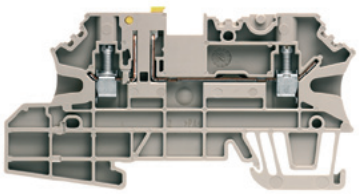
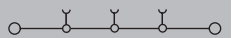
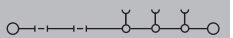
Global reliability
Weidmüller's proven screw-connection mechanism guarantees that the product will be easy to operate, recognise, and maintain anywhere throughout the world.



Marshalling with Plug & Play
Instead of using a screw connection to contact each signal at the routing levels, pre-assembled cable sets with BLZ mating profiles are used. This saves you valuable wiring time in the field.



Multi-functional terminals

	WMF 2.5	2.5 mm²	WMF 2.5 DI	2.5 mm²
	NEW		NEW	
				
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.				
Width/Length/Height of lowest version mm	5.08 x 88 x 45		5.08 x 88 x 45	
max. current / max. cond. cross-section A/mm²	**32 / 4**		**20 / 4**	
Max. clamping range mm²	**0.5...4**		**0.5...4**	

Technical data

Rated data	IEC	UL	CSA	IEC	UL	CSA
Rated voltage V	800	600 (C)	600 (C)	500	600 (C)	
Rated current A	24	20 (C)	26 (C)	20	19 (C)	
Rated cross-section mm²	2.5	AWG 26...12	AWG 26...12	2.5	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0			A3 / V-0	
Approvals						
Clamped conductors (H05V/H07V)	**Rated connection**			**Rated connection**		
Solid / stranded mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)	0.5...0.6 Nm (M 3)			0.5...0.6 Nm (M 3)		
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note						

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WMF 2.5	50	**1143070000**	WMF 2.5 DI	50	**1143020000**
Blue Wemid	WMF 2.5 BL	50	**1270040000**	WMF 2.5 DI BL	50	**1270070000**
Note						

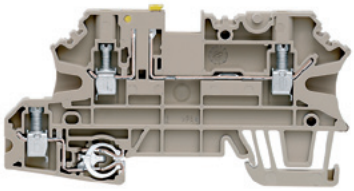
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**	ZQV 2.5N/2 GE	24 A	60	**1693800000**
3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**	ZQV 2.5N/3 GE	24 A	60	**1693810000**
4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**	ZQV 2.5N/4 GE	24 A	60	**1693820000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**	ZQV 2.5N/10 GE	24 A	20	**1693880000**
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	**1909000000**	ZQV 2.5N/20 GE	24 A	20	**1909000000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	AP WMF2.5	1.5 mm	50	**1142990000**	AP WMF2.5	1.5 mm	50	**1142990000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Screwdriver								
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**
Holder for cartridge fuse 5 x 20mm								
400 V AC/DC, without LED					SIHA 3/G20	5.95 mm	25	**7921560000**
10 - 36 V AC/DC, red LED					SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
140 - 250 V AC/DC, red LED					SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
					FUCR SW	8 mm	10	**1167630000**
					FUCR 10-36V SW	8 mm	10	**1167640000**
					FUCR 100-250V SW	8 mm	10	**1167680000**
Module connector (max, 250 V)								
without fittings								
with wire jumper					BEST/DRBR	5.1 mm	50	**1878570000**
With 1N4007 diode					BEST/D	5.1 mm	50	**1878560000**
Disconnect plug								
removable, as replacement for release lever								

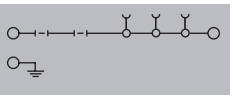
Identification systems (see assortment in catalogue 7)			
Marking tags	DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5
Note		

WMF 2.5 DI PE | 2.5 mm²

NEW



5.08 x 88 x 45
20 / 4
0.5...4



IEC	UL	CSA
250	600 (C)	
20	19 (C)	
2.5	AWG 26...12	
	8 kV / 3	
	A3 / V-0	

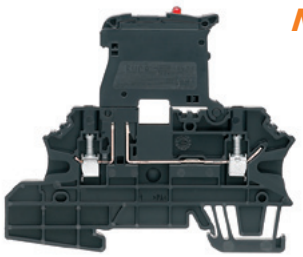
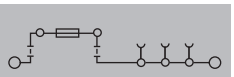
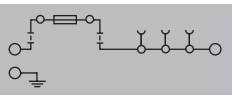
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 Nm (M 3)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WMF 2.5 DI PE	50	**1143030000**
WMF 2.5 DI PE BL	50	**1270080000**

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	**1693800000**
ZQV 2.5N/3 GE	24 A	60	**1693810000**
ZQV 2.5N/4 GE	24 A	60	**1693820000**
ZQV 2.5N/10 GE	24 A	20	**1693880000**
ZQV 2.5N/20 GE	24 A	20	**1909000000**
	Width		
AP WMF2.5	1.5 mm	50	**1142990000**
WEW 35/1	12 mm	50	**1059000000**
SDS 0.6X3.5X100		1	**9008330000**
SIHA 3/G20	5.95 mm	25	**7921560000**
SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
FUCR SW	8 mm	10	**1167630000**
FUCR 10-36V SW	8 mm	10	**1167640000**
FUCR 100-250V SW	8 mm	10	**1167680000**
BEST	5.1 mm	50	**1833100000**
BEST/DRBR	5.1 mm	50	**1878570000**
BEST/D	5.1 mm	50	**1878560000**
TNST		50	**1833090000**

DEK 5/5 / WS 10/5

Multi-functional terminals

	WMF 2.5 FU	2.5 mm²	WMF 2.5 FU PE	2.5 mm²
	NEW		NEW	
				
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.				
Width/Length/Height of lowest version mm	5.08 x 88 x 74.5		5.08 x 88 x 74.5	
max. current / max. cond. cross-section A/mm²	**6.3 / 4**		**6.3 / 4**	
Max. clamping range mm²	**0.5...4**		**0.5...4**	

Technical data

Rated data	IEC	UL	CSA
Rated voltage V	250	600 (C)	600 (C)
Rated current A	6.3	17 (C)	17 (C)
Rated cross-section mm²	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	
Approvals			
Clamped conductors (H05V/H07V)	**Rated connection**		
Solid / stranded mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)	0.5...0.6 Nm (M 3)		
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm		
Note			

Rated data	IEC	UL	CSA
Rated voltage V	250	600 (C)	600 (C)
Rated current A	6.3	17 (C)	17 (C)
Rated cross-section mm²	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	
Approvals			
Clamped conductors (H05V/H07V)	**Rated connection**		
Solid / stranded mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)	0.5...0.6 Nm (M 3)		
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm		
Note			

Ordering data

Version	Type	Qty.	Order No.
Black Wemid	WMF 2.5 FU SW	50	1162920000
10-36 V AC/DC, with LED	WMF 2.5 FU 10-36V SW	50	1162930000
30-70 V AC/DC, with LED	WMF 2.5 FU 30-70V SW	50	1162940000
60-150 V AC/DC, with LED	WMF 2.5 FU 60-150V SW	50	1162950000
100 – 250 V AC/DC, with LED	WMF 2.5 FU 100-250V SW	50	1162960000
Note	The WMF FU terminals may not be aligned directly under one another.		

Version	Type	Qty.	Order No.
Black Wemid	WMF 2.5 FU PE SW	50	1163040000
10-36 V AC/DC, with LED	WMF 2.5 FU PE 10-36V SW	50	1163050000
30-70 V AC/DC, with LED	WMF 2.5 FU PE 30-70V SW	50	1163060000
60-150 V AC/DC, with LED	WMF 2.5 FU PE 60-150V SW	50	1163070000
100 – 250 V AC/DC, with LED	WMF 2.5 FU PE 100-250V SW	50	1163080000
Note	The WMF FU terminals may not be aligned directly under one another.		

Accessories

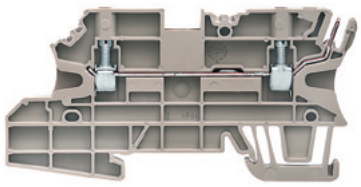
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**		
Dark beige Wemid	AP WMF2.5	1.5 mm	50	1142990000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	9008330000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
	FUCR SW	8 mm	10	1167630000
	FUCR 10-36V SW	8 mm	10	1167640000
	FUCR 100-250V SW	8 mm	10	1167680000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5 / WS 10/5			
Note				

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**		
Dark beige Wemid	AP WMF2.5	1.5 mm	50	1142990000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	9008330000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
	FUCR SW	8 mm	10	1167630000
	FUCR 10-36V SW	8 mm	10	1167640000
	FUCR 100-250V SW	8 mm	10	1167680000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5 / WS 10/5			
Note				

Multi-functional terminals

WMF 2.5 BLZ	2.5 mm²

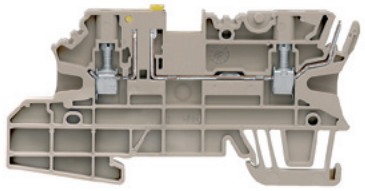
NEW



5.08 x 90 x 45	BLZ 5.08
32 / 4	
0.5...4	

WMF 2.5 DI BLZ	2.5 mm²

NEW



5.08 x 90 x 45	BLZ 5.08
20 / 4	
0.5...4	

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (D)
Rated current	A	24	10 (D)	10 (D)
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		
Note		With BLZ plug the nominal current is reduced to 15.5 A.		

Rated data		IEC	UL	CSA
Rated voltage	V	250		
Rated current	A	20		
Rated cross-section	mm²	2.5		
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		
Note		With BLZ plug the nominal current is reduced to 15.5 A.		

Ordering data

Version		Type	Qty.	Order No.
	Dark beige Wemid	WMF 2.5 BLZ	50	**1143050000**
Note				

Type	Qty.	Order No.
WMF 2.5 DI BLZ	50	**1143000000**

Accessories

Pluggable cross-connection		Type	current	Qty.	Order No.
	2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**
	3-pole	ZQV 2.5N/3 GE	24 A	60	**1693810000**
	4-pole	ZQV 2.5N/4 GE	24 A	60	**1693820000**
	10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**
	20-/24-pole	ZQV 2.5N/20 GE	24 A	20	**1909000000**
End plate / Partition plate			**Width**		
	Dark beige Wemid	AP WMF2.5	1.5 mm	50	**1142990000**
End bracket					
	Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Screwdriver					
	Standard	SDS 0.6X3.5X100		1	**9008330000**
Holder for cartridge fuse 5 x 20mm					
	400 V AC/DC, without LED				
	10 - 36 V AC/DC, red LED				
	140 - 250 V AC/DC, red LED				
Module connector (max, 250 V)					
	without fittings				
	with wire jumper				
	With 1N4007 diode				
Disconnect plug					
	removable, as replacement for release lever				

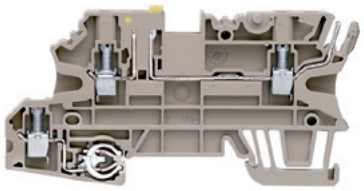
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	**1693800000**
ZQV 2.5N/3 GE	24 A	60	**1693810000**
ZQV 2.5N/4 GE	24 A	60	**1693820000**
ZQV 2.5N/10 GE	24 A	20	**1693880000**
ZQV 2.5N/20 GE	24 A	20	**1909000000**
	Width		
AP WMF2.5	1.5 mm	50	**1142990000**
WEW 35/1	12 mm	50	**1059000000**
SDS 0.6X3.5X100		1	**9008330000**
SIHA 3/G20	5.95 mm	25	**7921560000**
SIHA 3/G20/LD 10-36V	5.95 mm	25	**7921570000**
SIHA 3/G20/LD 140-250V	5.95 mm	25	**7921600000**
FUCR SW	8 mm	10	**1167630000**
FUCR 10-36V SW	8 mm	10	**1167640000**
FUCR 100-250V SW	8 mm	10	**1167680000**
BEST	5.1 mm	50	**1833100000**
BEST/DRBR	5.1 mm	50	**1878570000**
BEST/D	5.1 mm	50	**1878560000**
TNST		50	**1833090000**

Identification systems (see assortment in catalogue 7)		
Marking tags	DEK 5/5 / WS 10/5	DEK 5/5 / WS 10/5
Note		

Multi-functional terminals

WMF 2.5 DI BLZ PE — 2.5 mm²

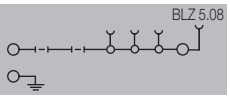
NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

5.08 x 90 x 45	BLZ 5.08
20 / 4	
0.5...4	



Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (D)
Rated current	A	20	10 (D)	10 (D)
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		
Note		With BLZ plug the nominal current is reduced to 15.5 A.		

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WMF 2.5 DI BLZ PE	50	1143010000
Note			

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**		
Dark beige Wemid	AP WMF2.5	1.5 mm	50	1142990000
End bracket				
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	9008330000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
	FUCR SW	8 mm	10	1167630000
	FUCR 10-36V SW	8 mm	10	1167640000
	FUCR 100-250V SW	8 mm	10	1167680000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000

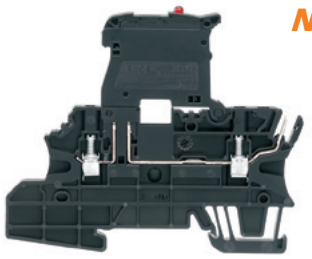
Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5 / WS 10/5
Note	

Multi-functional terminals

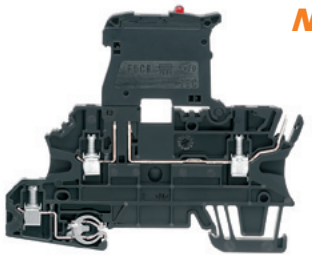
WMF 2.5 FU BLZ	2.5 mm²

WMF 2.5 FU BLZ PE	2.5 mm²

NEW

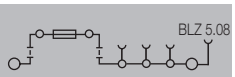


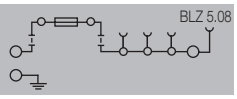
NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	5.08 x 90 x 74.5	5.08 x 90 x 74.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**	**6.3 / 4**
Max. clamping range	mm²	**0.5...4**	**0.5...4**





Technical data

Rated data		IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (D)
Rated current	A	6.3	10 (D)	10 (D)
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection	Further connection
Solid / stranded	mm²	0.5...4 / 1.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note			

Rated data		IEC	UL	CSA
Rated voltage	V	250	300 (D)	300 (D)
Rated current	A	6.3	10 (D)	10 (D)
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection	Further connection
Solid / stranded	mm²	0.5...4 / 1.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Tightening torque range (terminal screw)		0.5...0.6 Nm (M 3)	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note	

Ordering data

Version	Type	Qty.	Order No.
Black Wemid	WMF 2.5 FU BLZ SW	50	1162980000
10-36 V AC/DC, with LED	WMF 2.5 FU BLZ 10-36V SW	50	1162990000
30-70 V AC/DC, with LED	WMF 2.5 FU BLZ 30-70V SW	50	1163000000
60-150 V AC/DC, with LED	WMF 2.5 FU BLZ 60-150V SW	50	1163010000
100 – 250 V AC/DC, with LED	WMF 2.5 FU BLZ 100-250V SW	50	1163020000

Note			

Version	Type	Qty.	Order No.
Black Wemid	WMF 2.5 FU BLZ PE SW	50	1162820000
10-36 V AC/DC, with LED	WMF 2.5 FU BLZ PE 10-36V SW	50	1162830000
30-70 V AC/DC, with LED	WMF 2.5 FU BLZ PE 30-70V SW	50	1162840000
60-150 V AC/DC, with LED	WMF 2.5 FU BLZ PE 60-150V SW	50	1162850000
100 – 250 V AC/DC, with LED	WMF 2.5 FU BLZ PE 100-250V SW	50	1162860000

Note			

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**		
Dark beige Wemid	AP WMF2.5	1.5 mm	50	1142990000
End bracket				
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	9008330000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
	FUCR SW	8 mm	10	1167630000
	FUCR 10-36V SW	8 mm	10	1167640000
	FUCR 100-250V SW	8 mm	10	1167680000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5 / WS 10/5			
Note				

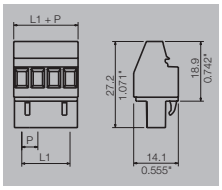
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
3-pole	ZQV 2.5N/3 GE	24 A	60	1693810000
4-pole	ZQV 2.5N/4 GE	24 A	60	1693820000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
20-/24-pole	ZQV 2.5N/20 GE	24 A	20	1909000000
End plate / Partition plate		**Width**		
Dark beige Wemid	AP WMF2.5	1.5 mm	50	1142990000
End bracket				
Dark beige Wemid	WEW 35/1	12 mm	50	1059000000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	9008330000
Holder for cartridge fuse 5 x 20mm				
400 V AC/DC, without LED	SIHA 3/G20	5.95 mm	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
	FUCR SW	8 mm	10	1167630000
	FUCR 10-36V SW	8 mm	10	1167640000
	FUCR 100-250V SW	8 mm	10	1167680000
Module connector (max, 250 V)				
without fittings	BEST	5.1 mm	50	1833100000
with wire jumper	BEST/DRBR	5.1 mm	50	1878570000
With 1N4007 diode	BEST/D	5.1 mm	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5 / WS 10/5			
Note				

Technical data

Rated data according to IEC 60664-1 / IEC 61984				
Clamping range, max.	mm²	0.13...4		
Solid core H05(07) V-U	mm²	0.2...4		
Stranded H07 V-R	mm²			
Flexible H05(07) V-K	mm²	0.2...4		
Flexible with ferrule	mm²	0.2...4		
Ferrule with plastic collar	mm²	0.2...2.5		
Stripping length	mm	7		
Screwdriver blade	mm	0.6 x 3.5		
according to norm		DIN 5264		
Tightening torque range	Nm	0.4...0.5		
Rated current				
at ambient temperature		**20 °C**		**40 °C**
	A	15		12
Overvoltage category		**III**	**III**	**II**
Pollution severity		**3**	**2**	**2**
Rated voltage	V	250	320	400
Rated impulse voltage	kV	4	4	4
UL 1059 Rated data		**B**	**C**	**D**
Rated voltage	V	300		300
Rated current	A	15		10
AWG conductor		26...12		
CSA C22.2 Rated data		**B**	**C**	**D**
Rated voltage	V	300		300
Rated current	A	10		0
AWG conductor		26...12		
Material data				
Type of insulation material		PBT		
Flammability class		V-0		
Contact base material		Copper alloy		
Material of contact surface		tinned		

BLZ 5.08/90

Can be mounted directly side-by-side without loss of poles.

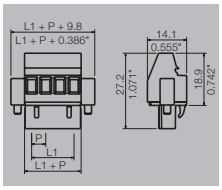


Ordering data

Pitch 5.08 mm					
Colour of plastic				orange	black
Pol.	L1 mm	(inch)	Qty.	Order No.	Order No.
2	5.08	(0.200)	180	**1948000000**	**1948240000**
4	15.24	(0.600)	90	**1948020000**	**1948260000**
8	35.56	(1.400)	42	**1948060000**	**1948300000**
12	55.88	(2.200)	30	**1948110000**	**1948340000**
16	76.20	(3.000)	18	**1948150000**	**1948380000**

BLZP 5.08/90F

With screw flange



Ordering data

Pitch 5.08 mm					
Colour of plastic				orange	black
Pol.	L1 mm	(inch)	Qty.	Order No.	Order No.
2	5.08	(0.200)	90	**1949800000**	**1950040000**
4	15.24	(0.600)	60	**1949820000**	**1950060000**
8	35.56	(1.400)	36	**1949860000**	**1950100000**
12	55.88	(2.200)	24	**1949900000**	**1950140000**
16	76.20	(3.000)	18	**1949940000**	**1950180000**

IL WMF 2.5 BLZ OR

Ordering data

Type	Qty.	Order No.
IL WMF 2.5 BLZ O	50	**1167440000**

WAD WMF 2.5

Ordering data

Type	Qty.	Order No.
WAD WMF 2.5	50	**1142970000**

FUCR SW

Ordering data

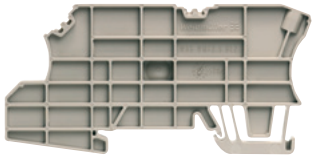
Type	Qty.	Order No.
FUCR SW	10	**1167630000**
FUCR 10-36V SW	10	**1167640000**
FUCR 30-70V SW	10	**1167650000**
FUCR 60-150V SW	10	**1167670000**
FUCR 100-250V SW	10	**1167680000**

AP WMF 2.5

Ordering data

Type	Qty.	Order No.
AP WMF 2.5	50	**1142990000**

WBB WMF 2.5 BLZ

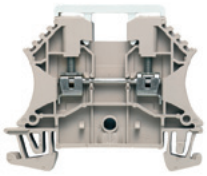


Ordering data

Type	Qty.	Order No.
WBB WMF 2.5 BLZ	10	**1142980000**

Thermocouple terminals

WDU 2.5/TC | **2.5 mm²**



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	10.2 x 60 x 50.5
max. current / max. cond. cross-section	A/mm²	**/ 2.5**
Max. clamping range	mm²	**0.13...2.5**

Technical data

Rated data		
Rated voltage	V	
Rated current	A	
Rated cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / Flammability class UL94		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Tightening torque range (terminal screw)		
Stripping length / Blade size	mm/-	
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Note		

IEC 60584, IEC 60947-7-1		Ex e II	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
			55
			1
2.5			2.5
		/ 3	
		A2 / V-0	
			SIRA 02ATEX3153 U
Rated connection			
0.5...2.5 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
0.4...0.6 Nm (M 2.5)			
10 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			

Ordering data

Version	Type	Qty.	Order No.
(NiCr - Ni) type K	WDU 2.5/TC TYP K	50	**1024100000**
(Cu - CuNi) type T	WDU 2.5/TC TYP T	50	**1024200000**
(Fe-CuNi) type J	WDU 2.5/TC TYP J	50	**1024300000**
(Pt 10% - Pt Rh/Pt 13% - Pt Rh) type SR	WDU 2.5/TC TYP SR	50	**1024400000**
(Pt 10% Rh - Pt 6% Rh) type B	WDU 2.5/TC TYP B	50	**1033700000**
(NiCr - CuNi) type E	WDU 2.5/TC TYP E	50	**1033300000**
(NiSil - Nicrosil) type N	WDU 2.5/TC TYP N	50	**1041500000**
Note			

Accessories

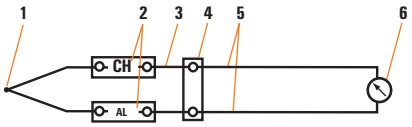
End plate / Partition plate	Type	Width	Qty.	Order No.
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	**1050000000**
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	**1050100000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**

Identification systems	(see assortment in catalogue 7)	
Marking tags		DEK 5/5
Note		

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

Configuration of a temperature measuring circuit

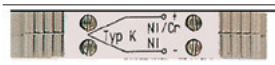
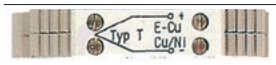
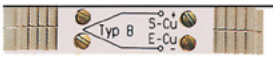


1 Thermocouple (sensor)
2 Thermocouple terminals
3 Compensating conductor
4 Reference junction
5 Supply and return conductors
6 Measuring instrument

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor.
Thermocouple terminals are required for constructing a temperature measuring circuit.

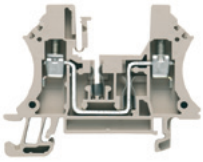
Technical data

Thermocouples to IEC 584 (DIN 43 710)

	Current bar
	Cromel Alumel
	E-grade copper Constantan
	Iron Constantan
	E-grade copper/ A-grade copper
	S-grade copper/ E-grade copper
	Cromel- Constantan

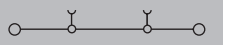
WPO 4 — 4 mm²

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	6 x 60 x 47
max. current / max. cond. cross-section	A/mm²	**32 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

Rated data		IEC 60947-7-1
Rated voltage	V	250
Rated current	A	32
Rated cross-section	mm²	4
Rated impulse withstand voltage / Pollution severity		4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0
Approvals		
Clamped conductors (H05V/H07V)		**Rated connection**
Solid / stranded	mm²	0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / stranded	mm²	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5

IEC	UL	CSA
250	300 (D)	300 (D)
32	10 (D)	10 (D)
4	AWG 26...12	AWG 26...12

Note	The tightening torque is 2 Nm when connecting two conductors.

Ordering data

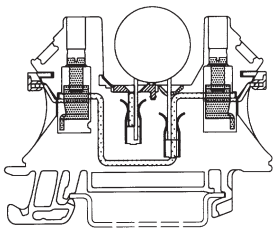
Version	**Type**	**Qty.**	**Order No.**
Dark beige Wemid	WPO 4	50	**1036000000**
Note			

Accessories

Intermediate frame	**Type**	**Width**	**Qty.**	**Order No.**
Thickness 2,5 mm	ZR WPO4 DB	2.5 mm	20	**1071100000**
Busbar				
1 m	SSCH 7.3X1.2X1000	7.3 mm	1	**1071200000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/6 / WS 12/5
Note	

WPO 4 with varistor

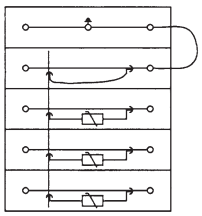


Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc.
These "electronic terminals" no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be distinguished.

The significant advantages of this design are:

- **Cost saving:**
  Components can be changed quickly on site.
  Service requires only a visual inspection.
- **Clarity:**
  Components are easy to distinguish.
- **Flexibility:**
  Components can immediately be adapted to changed conditions.

Note:
Never change eletronic components under load!

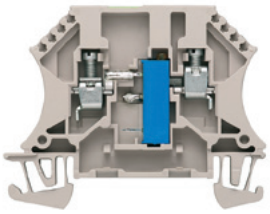


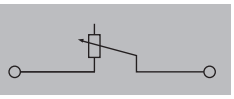
Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDUL 4/... 4 mm²





Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

6.5 x 60 x 47
6 / 6
0.13...6

Technical data

Rated data	
Rated cross-section	mm²
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA
4		
	A4 / V-0	

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.8 Nm (M 3)
9 / 0.6 x 3.5 mm

Ordering data

Version	Type	Qty.	Order No.
10 Ω	WDUL 4/10	10	1027000000
10 kΩ	WDUL 4/10K	10	1027700000
100 Ω	WDUL 4/100	10	1027300000
500 Ω	WDUL 4/500	10	1027400000
1 kΩ	WDUL 4/1K	10	1027500000
5 kΩ	WDUL 4/5K	10	1027600000
50 kΩ	WDUL 4/50K	10	1027800000
500 kΩ	WDUL 4/500K	10	1028000000
Without potentiometer	WDUL 4	10	8161820000
Note			

Accessories

End plate / Partition plate	Type	Width	Qty.	Order No.
Dark beige Wemid	WAP 2.5-10	1.5 mm	50	1050000000
Dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Dark beige Wemid	EW 35	8.5 mm	50	0383560000
Screwdriver				
With "swifty set" cutting device	SWIFTY SET	18 mm	1	9006060000
Standard	SDS 0.6X3.5X100		1	9008330000
Shield bus				
	LS 2.8 WDU2.5-10	1.15 mm	100	1056400000

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/5
Note	

Technical data for the 30-Ω compensating resistor

Resistor material: "Cermet"

Resistor setting range: 0...30 Ω

Wave form: linear

Temperature coefficient: 100 ppm/°C

Mechanical lifespan: 200 operations without permissible deviations, across the entire resistance range

Resistance change per spindle turn: ≈ 1,2 Ω

Rated output for total resistance: 1 watt at 70 °C

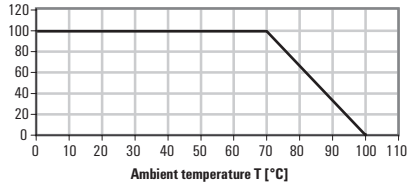
Rated current: 120 mA

Ambient temperature: -55 °C to +70 °C

Ingress (seal) protection:

1) Leak tested in water at 70 °C without bubble formation
2) Storage in SFW 2.0 S, acc. to DIN 50018, 9 cycles

Capacity expressed in % of rated load

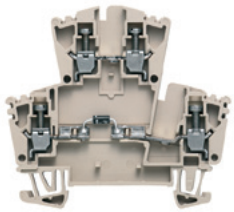


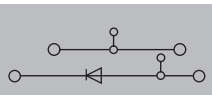
Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDK 2.5/D — 2.5 mm²

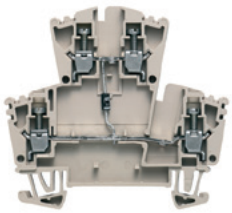
Reverse polarity protection

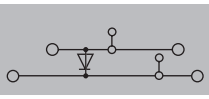




WDK 2.5/D/1 — 2.5 mm²

Suppression circuit e. g. for contactor





Width/Length/Height of lowest version	mm	5.1 x 69 x 63	5.1 x 69 x 63
max. current / max. cond. cross-section	A/mm²	**10 / 4**	**10 / 4**
Max. clamping range	mm²	**0.05...4**	**0.05...4**

Technical data

Rated data		IEC 60947-7-1			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	0	300 (C)		400	300 (C)	300 (C)
Rated current	A	10	1 (C)		10	1 (C)	1 (C)
Rated cross-section	mm²	2.5	AWG 30...12		2.5	AWG 30...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity			6 kV / 3			6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0			A3 / V-0	
Approvals							
Electronic fixtures							
Component voltage / Component current	V/A	1000 / 1			1000 / 1		
Operating voltage for display, max. / Current	V/A						
Clamped conductors (H05V/H07V)							
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note		Rated current is 10 A for continuous busbars only. Diode 1 N 4007			Rated current is 10 A for continuous busbars only. Diode 1 N 4007		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5 1D	25	**8025610000**	WDK 2.5 1D A.1	25	**1023400000**
Dark beige Wemid (red LED)						
Dark beige Wemid (green LED)						
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**	WQV 2.5/2	32 A	50	**1053660000**
3-pole	WQV 2.5/3	32 A	50	**1053760000**	WQV 2.5/3	32 A	50	**1053760000**
4-pole	WQV 2.5/4	32 A	50	**1053860000**	WQV 2.5/4	32 A	50	**1053860000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate		**Width**				**Width**		
Dark beige Wemid	WAP WDK2.5	1.5 mm	20	**1059100000**	WAP WDK2.5	1.5 mm	20	**1059100000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Screwdriver								
With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**	SWIFTY SET	18 mm	1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**

Identification systems (see assortment in catalogue 7)			
Marking tags	DEK 5/5 / WS 8/5		DEK 5/5 / WS 8/5
Note			

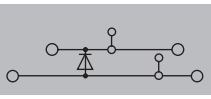
Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDK 2.5/D/2 — 2.5 mm²

Suppression circuit e. g. for contactor

Width/Length/Height of lowest version	5.1 x 69 x 63 mm
max. current / max. cond. cross-section	10 / 4 A/mm²
Max. clamping range	0.05...4 mm²



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA
Rated voltage	400	300 (C)	300 (C)
Rated current	10	1 (C)	1 (C)
Rated cross-section	2.5	AWG 30...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	
Approvals			
Electronic fixtures			
Component voltage / Component current	1000 / 1		
Operating voltage for display, max. / Current			
Clamped conductors (H05V/H07V)			
Solid / stranded	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size	10 / 0.6 x 3.5 mm		
Note	Rated current is 10 A for continuous busbars only. Diode 1 N 4007		

Ordering data

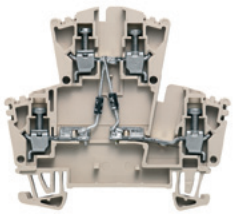
Version	Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5 1D A.2	25	1023300000
Dark beige Wemid (red LED)			
Dark beige Wemid (green LED)			
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Accessories

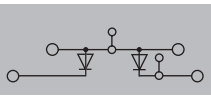
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
3-pole	WQV 2.5/3	32 A	50	1053760000
4-pole	WQV 2.5/4	32 A	50	1053860000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WDK2.5	1.5 mm	20	1059100000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Screwdriver				
With "swifty set" cutting device	SWIFTY SET	18 mm	1	9006060000
Standard	SDS 0.6X3.5X100		1	9008330000
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5 / WS 8/5			
Note				

WDK 2.5/D/4 — 2.5 mm²

Lamp test circuits



Width/Length/Height of lowest version	5.1 x 69 x 63 mm
max. current / max. cond. cross-section	10 / 4 A/mm²
Max. clamping range	0.05...4 mm²



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA
Rated voltage	400		
Rated current	10		
Rated cross-section	2.5		
Rated impulse withstand voltage / Pollution severity		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94		A3 / V-0	
Approvals			
Electronic fixtures			
Component voltage / Component current	1000 / 1		
Operating voltage for display, max. / Current			
Clamped conductors (H05V/H07V)			
Solid / stranded	0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)		
Stripping length / Blade size	10 / 0.6 x 3.5 mm		
Note	Rated current is 10 A for continuous busbars only. Diode 1 N 4007		

Ordering data

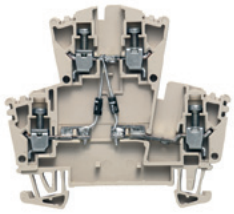
Version	Type	Qty.	Order No.
Dark beige Wemid	WDK 2.5 2D 1.A	25	8014670000
Dark beige Wemid (red LED)			
Dark beige Wemid (green LED)			
Note	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Accessories

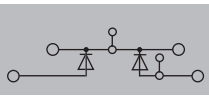
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
3-pole	WQV 2.5/3	32 A	50	1053760000
4-pole	WQV 2.5/4	32 A	50	1053860000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate		**Width**		
Dark beige Wemid	WAP WDK2.5	1.5 mm	20	1059100000
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	1061200000
Screwdriver				
With "swifty set" cutting device	SWIFTY SET	18 mm	1	9006060000
Standard	SDS 0.6X3.5X100		1	9008330000
Identification systems (see assortment in catalogue 7)				
Marking tags	DEK 5/5 / WS 8/5			
Note				

WDK 2.5/D/5 — 2.5 mm²

Lamp test circuits



5.1 x 69 x 63
10 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
10	1 (C)	10 (D)
2.5	AWG 30...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	
1000 / 1		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only. Diode 1 N 4007

Type	Qty.	Order No.
WDK 2.5 2D 2.A	25	**1022600000**

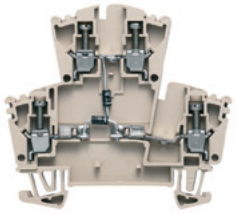
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/3	32 A	50	**1053760000**
WQV 2.5/4	32 A	50	**1053860000**
WQV 2.5/10	32 A	20	**1054460000**
	Width		
WAP WDK2.5	1.5 mm	20	**1059100000**
WEW 35/2	8 mm	100	**1061200000**
SWIFTY SET	18 mm	1	**9006060000**
SDS 0.6X3.5X100		1	**9008330000**

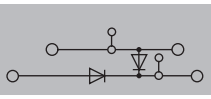
DEK 5/5 / WS 8/5

WDK 2.5/D/6 — 2.5 mm²

Lamp test circuits



5.1 x 69 x 63
10 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400		300 (C)
10		10 (C)
2.5		AWG 26...12
	6 kV / 3	
	A3 / V-0	
1000 / 1		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only.

Type	Qty.	Order No.
WDK 2.5 2D	25	**1023500000**

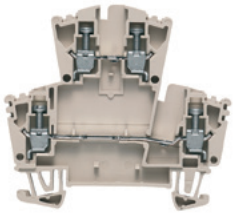
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/3	32 A	50	**1053760000**
WQV 2.5/4	32 A	50	**1053860000**
WQV 2.5/10	32 A	20	**1054460000**
	Width		
WAP WDK2.5	1.5 mm	20	**1059100000**
WEW 35/2	8 mm	100	**1061200000**
SWIFTY SET	18 mm	1	**9006060000**
SDS 0.6X3.5X100		1	**9008330000**

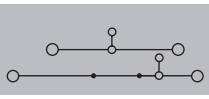
DEK 5/5 / WS 8/5

WDK 2.5/D — 2.5 mm²

For installing electronic components



5.1 x 69 x 63
10 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	
10	1 (C)	
2.5	AWG 30...12	
	6 kV / 3	
	A3 / V-0	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only.

Type	Qty.	Order No.
WDK 2.5/D	100	**1023200000**

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/3	32 A	50	**1053760000**
WQV 2.5/4	32 A	50	**1053860000**
WQV 2.5/10	32 A	20	**1054460000**
	Width		
WAP WDK2.5	1.5 mm	20	**1059100000**
WEW 35/2	8 mm	100	**1061200000**
SWIFTY SET	18 mm	1	**9006060000**
SDS 0.6X3.5X100		1	**9008330000**

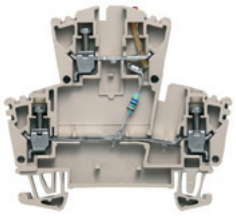
DEK 5/5 / WS 8/5

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDK 2.5 LD + -

2.5 mm²

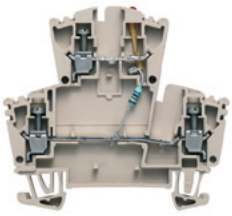
DC voltage indicator + / -



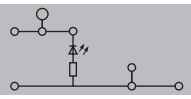
WDK 2.5 LD - +

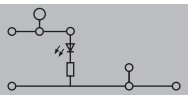
2.5 mm²

DC voltage indicator - / +



Width/Length/Height of lowest version	mm	5.1 x 69 x 63	5.1 x 69 x 63
max. current / max. cond. cross-section	A/mm²	**10 / 4**	**10 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**





Technical data

Rated data		IEC 60947-7-1			IEC 60947-7-1		
		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	24			24		
Rated current	A						
Rated cross-section	mm²	2.5			2.5		
Rated impulse withstand voltage / Pollution severity			0.8 kV / 3			0.8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			A3 / V-0			A3 / V-0	
Approvals							
Electronic fixtures							
Component voltage / Component current	V/A						
Operating voltage for display, max. / Current	V/mA	24 / 5			24 / 5		
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**		
Solid / stranded	mm²	0.5...4 / 1.5...4			0.5...4 / 1.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5		
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			0.4...0.6 Nm		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm		
Note							

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	Dark beige Wemid						
	Dark beige Wemid (red LED)	WDK 2.5 LD RT 24VDC +-	25	**1023600000**	WDK 2.5 LD RT 24VDC -+	25	**8023630000**
	Dark beige Wemid (green LED)	WDK 2.5 LD/GN 1R 24VDC	25	**8023610000**	WDK 2.5 LD GR 1R 24VDC	25	**8010040000**
Note		2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Accessories

Screwable cross-connection		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
	2-pole	WQV 2.5/2	32 A	50	**1053660000**	WQV 2.5/2	32 A	50	**1053660000**
	3-pole	WQV 2.5/3	32 A	50	**1053760000**	WQV 2.5/3	32 A	50	**1053760000**
	4-pole	WQV 2.5/4	32 A	50	**1053860000**	WQV 2.5/4	32 A	50	**1053860000**
	10-pole	WQV 2.5/10	32 A	20	**1054460000**	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate			**Width**				**Width**		
	Dark beige Wemid	WAP WDK2.5	1.5 mm	20	**1059100000**	WAP WDK2.5	1.5 mm	20	**1059100000**
End bracket									
	Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Screwdriver									
	With "swifty set" cutting device	SWIFTY SET	18 mm	1	**9006060000**	SWIFTY SET	18 mm	1	**9006060000**
	Standard	SDS 0.6X3.5X100		1	**9008330000**	SDS 0.6X3.5X100		1	**9008330000**

Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/5 / WS 8/5	DEK 5/5 / WS 8/5
Note			

Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

	WPDB 16/6 3/4	16/6 mm²	WPDB 35-16/16 1-1/6	35/6 mm²

Technical data

Max. current		80 A			125 A	
Dimensions						
Width / Length / Hight (mm)	with TS 35 x 7.5	27 x 66 x 47 (50)			27 x 74 x 47 (50)	
Weight		63 g			134 g	
IEC rated 60 947-7-1						
Rated voltage	V	690			690	
Rated current	A	80			125	
Rated cross-section in-/output	mm²	16 / 16-6			35-16 / 16	
Rated impulse voltage / Pollution severity		2.5 KV / 3			2.5 KV / 3	
UL94 Flammability Class		V-0			V-0	
Further technical data						
Short-circuit strength (peak value)	kA	22			30	
Short-circuit strength > 1 s	kA	3			4.2	
Inputs		**A**	**B**	**C**	**A**	**B**	**C**
No. of connections		1			1	1	
Clampable conductors:							
„e" solid H07V-U	mm²	2.5 ... 16			10 ... 35	2.5 ... 16	
„m" stranded H07V-R	mm²	2.5 ... 16			10 ... 35	2.5 ... 16	
„f" flexible H07V-K	mm²	2.5 ... 16			10 ... 35	2.5 ... 16	
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	2.5 ... 16			10 ... 35	2.5 ... 16	
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	2.5 ... 16			10 ... 35	2.5 ... 16	
Diameter	mm	7			10	7	
Tightening torque	Nm	1.5 ... 3			3.5 ... 5	3.5 ... 5	
Clamping screw		M5			M8	M6	
Blade size		PZ2			M4	M4	
Stripping length	mm	12 ... 18			14 ... 15	10 ... 12	
Outputs		**A**	**B**	**C**	**A**	**B**	**C**
No. of connections		2	4		6		
Clampable conductors:							
„e" solid H07V-U	mm²	2.5 ... 16	2.5 ... 6		2.5 ... 16		
„m" stranded H07V-R	mm²	2.5 ... 16	2.5 ... 6		2.5 ... 16		
„f" flexible H07V-K	mm²	2.5 ... 16	2.5 ... 6		2.5 ... 16		
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	2.5 ... 16	2.5 ... 6		2.5 ... 16		
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	2.5 ... 16	2.5 ... 6		2.5 ... 16		
Diameter	mm	7	4.5		6.5		
Tightening torque	Nm	1.5 ... 3	0.8 ... 1.5		2 ... 3		
Clamping screw		M5	M4		M5		
Blade size		PZ2	PZ1		PZ2		
Stripping length	mm	9 ... 12	12 ... 18		10 ... 12		
UL/CSA rated data							
Voltage/current/conductor size	UL						
Voltage/current/conductor size	CSA						

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	WPDB 16/6 3/4	1	**1939440000**	WPDB 35-16/16 1-1/6	1	**1939450000**

Accessories

Screwdrivers		Type	Qty.	Order No.	Type	Qty.	Order No.
	Crosshead screwdriver, Pozidriv type	SDK PZ1	1	**9008530000**			
	Crosshead screwdriver, Pozidriv type	SDK PZ2	1	**9008540000**	SDK PZ2	1	**9008540000**
	7-piece hexagon wrench set	SK-S 2.0-8.0	1	**9008860000**	SK-S 2.0-8.0	1	**9008860000**
Labelling systems							
	Marking labels	LM MT300 15 x 9 GE	1	**1882890000**	LM MT300 15 x 9 GE	1	**1882890000**

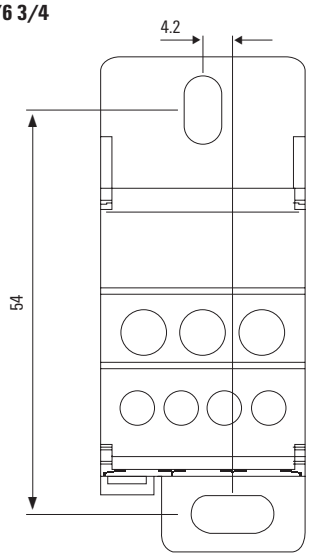
WPDB 70/16 1/10 — 70/16 mm²

175 A		
45 x 71 x 43 (46)		
228 g		
690		
175		
70 / 16		
2.5 KV / 3		
V-0		
22		
3		
A	**B**	**C**
1		
16 ... 70		
16 ... 70		
16 ... 50		
16 ... 50		
16 ... 50		
12		
5		
M10		
M5		
15 ... 16		
A	**B**	**C**
10		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
6		
3		
M6		
M3		
10 ... 12		

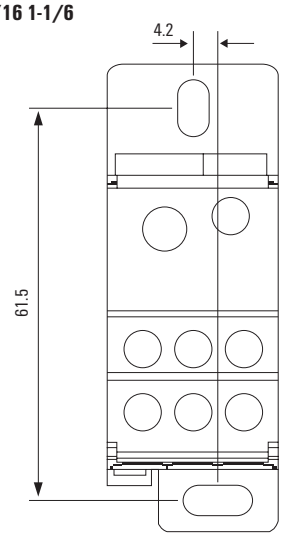
Type	Qty.	Order No.
WPDB 70/16 1/10	1	1939460000

Type	Qty.	Order No.
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

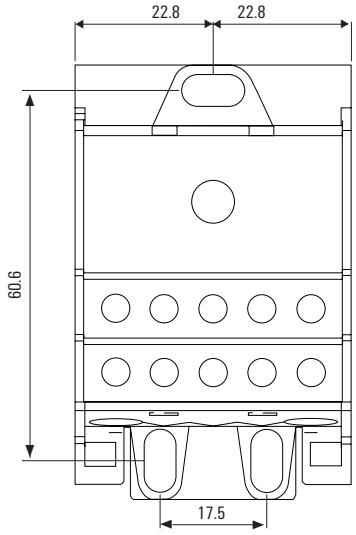
WPDB 16/6 3/4



WPDB 35-16/16 1-1/6

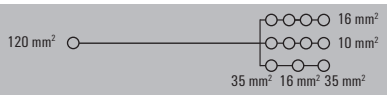


WPDB 70/16 1/10



Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

	WPDB 120/35-16-10 1/2-5-4	120/35 mm²	WPDB 185/35-16-10 1/2-5-4	185/35 mm²
				

Technical data

Max. current		250 A			400 A	
Dimensions						
Width / Length / Hight (mm)	with TS 35 x 7.5	44 x 96 x 50 (53)			44 x 96 x 50 (53)	
Weight		434 g			414 g	
IEC rated 60 947-7-1						
Rated voltage	V	690			690	
Rated current	A	250			400	
Rated cross-section in-/output	mm²	120 / 35-16-10			185 / 35-16-10	
Rated impulse voltage / Pollution severity		2.5 KV / 3			2.5 KV / 3	
UL94 Flammability Class		V-0			V-0	
Further technical data						
Short-circuit strength (peak value)	kA	51			51	
Short-circuit strength > 1 s	kA	24.5			24.5	
Inputs		**A**	**B**	**C**	**A**	**B**	**C**
No. of connections		1			1		
Clampable conductors:							
„e" solid H07V-U	mm²	35 ... 120			95 ... 185		
„m" stranded H07V-R	mm²	35 ... 120			95 ... 185		
„f" flexible H07V-K	mm²	35 ... 120			95 ... 185		
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	35 ... 70			95 ... 120		
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	35 ... 70			95 ... 120		
Diameter	mm	15			19		
Tightening torque	Nm	19			25		
Clamping screw		M14			M16		
Blade size		M6			M8		
Stripping length	mm	27 ... 29			27 ... 29		
Outputs		**A**	**B**	**C**	**A**	**B**	**C**
No. of connections		2	5	4	2	5	4
Clampable conductors:							
„e" solid H07V-U	mm²	6 ... 35	1.5 ... 16	1.5 ... 10	6 ... 35	1.5 ... 16	1.5 ... 10
„m" stranded H07V-R	mm²	6 ... 35	1.5 ... 16	1.5 ... 10	6 ... 35	1.5 ... 16	1.5 ... 10
„f" flexible H07V-K	mm²	6 ... 35	1.5 ... 16	1.5 ... 10	6 ... 35	1.5 ... 16	1.5 ... 10
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	6 ... 25	1.5 ... 16	1.5 ... 10	6 ... 25	1.5 ... 16	1.5 ... 10
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	6 ... 25	1.5 ... 16	1.5 ... 10	6 ... 25	1.5 ... 16	1.5 ... 10
Diameter	mm	9	6.5	6	9	6.5	6
Tightening torque	Nm	3.5	2	2	3.5	2	2
Clamping screw		M8	M6	M6	M8	M6	M6
Blade size		SD 1.0 x 5.5 x 150	SD 0.8 x 4.5 x 125	SD 0.8 x 4.5 x 125	SD 1.0 x 5.5 x 150	SD 0.8 x 4.5 x 125	SD 0.8 x 4.5 x 125
Stripping length	mm	10 ... 12	10 ... 12	10 ... 12	10 ... 12	10 ... 12	10 ... 12
UL/CSA rated data							
Voltage/current/conductor size	UL						
Voltage/current/conductor size	CSA						

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	WPDB 120/35-16-10 1/2-5-4	1	**1939470000**	WPDB 185/35-16-10 1/2-5-4	1	**1939480000**

Accessories

Screwdrivers		Type	Qty.	Order No.	Type	Qty.	Order No.
	Crosshead screwdriver, Pozidriv type	SD 1.0 x 5.5 x 150	1	**9008350000**	SD 1.0 x 5.5 x 150	1	**9008350000**
	Crosshead screwdriver, Pozidriv type	SD 0.8 x 4.5 x 125	1	**9009020000**	SD 0.8 x 4.5 x 125	1	**9009020000**
	7-piece hexagon wrench set	SK-S 2.0-8.0	1	**9008860000**	SK-S 2.0-8.0	1	**9008860000**
Labelling systems							
	Marking labels	LM MT300 15 x 9 GE	1	**1882890000**	LM MT300 15 x 9 GE	1	**1882890000**

WPDB 3 x 70/16 1/6 — 70/16 mm²

175 A	
71 x 74 x 43 (46)	
386 g	
690	
175	
70 / 16	
2.5 KV / 3	
V-0	

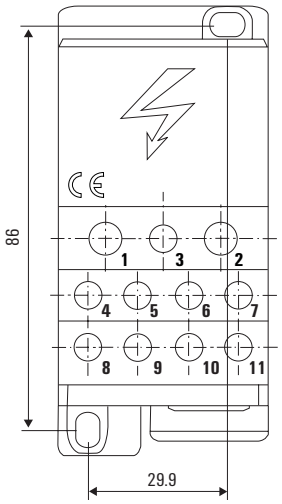
A	B	C
3 x 1		
16 ... 70		
16 ... 70		
16 ... 70		
16 ... 50		
16 ... 50		
12		
5		
M10		
M5		
15 ... 16		

A	B	C
3 x 6		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
6		
3		
M6		
M3		
10 ... 12		

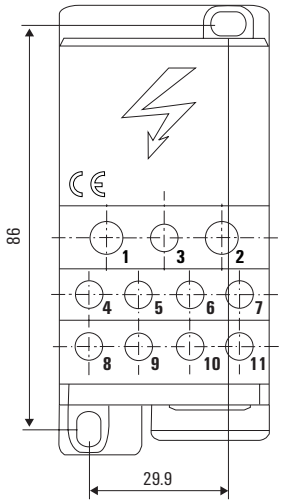
Type	Qty.	Order No.
WPDB 3 x 70/16 1/6	1	1939490000

Type	Qty.	Order No.
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

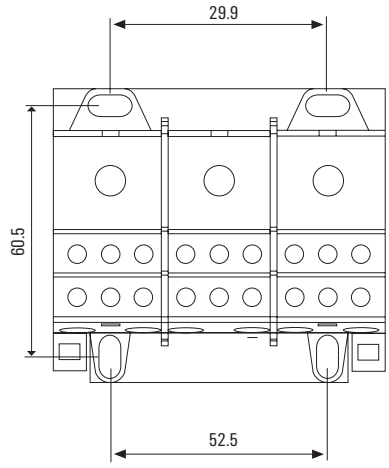
WPDB 120/35-16-10 1/2-5-4



WPDB 185/35-16-10 1/2-5-4



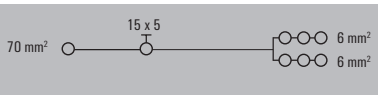
WPDB 3 x 70/16 1/6



- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

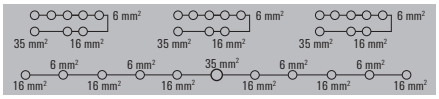
WPDB 70/16 1/6 — 70/16 mm²

With distribution for busbars (parallel connection)
15 x 5 mm



WPDB 35/16/6/N 1/2/5/11 — 35/16/6/N mm²

Three-phase power-supply block with neutral-conductor busbar



Technical data

Max. current		160 A			125 A	
Dimensions						
Width / Length / Hight (mm)	with TS 35 x 7.5	35 x 92 x 50 (53)			98 x 74 x 50 (53)	
Weight		238 g			314 g	
IEC rated 60 947-7-1						
Rated voltage	V	690			690	
Rated current	A	160			125	
Rated cross-section in-/output	mm²	70 / 16			35 / 16	
Rated impulse voltage / Pollution severity		2.5 KV / 3			2.5 KV / 3	
UL94 Flammability Class		V-0			V-0	
Further technical data						
Short-circuit strength (peak value)	kA	30			30	
Short-circuit strength > 1 s	kA	11.8			11.8	
Inputs		**A**	**B**	**C**	**A**	**B**	**C**
No. of connections		1			3 x 1	3 x 5	3 x 2
Clampable conductors:							
„e" solid H07V-U	mm²	10 ... 70			6 ... 35	1.5 ... 6	1.5 ... 16
„m" stranded H07V-R	mm²	10 ... 70			6 ... 35	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K	mm²	10 ... 70			6 ... 35	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	10 ... 50			6 ... 25	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	10 ... 50			6 ... 25	1.5 ... 6	1.5 ... 16
Diameter	mm	13			9	5	7
Tightening torque	Nm	4			1.5	0.8	1.5
Clamping screw		M10			M5	M4	M5
Blade size		M5			PZ2	PZ1	PZ2
Stripping length	mm	19 ... 23			12 ... 18	9 ... 12	12 ... 18
Outputs		**A**	**busbar**	**C**	**neutral cond.**	**neutral cond.**	**neutral cond.**
No. of connections		6	16 x 5 mm max.		1	4	6
Clampable conductors:							
„e" solid H07V-U	mm²	2.5 ... 16			6 ... 35	1.5 ... 6	1.5 ... 16
„m" stranded H07V-R	mm²	2.5 ... 16			6 ... 35	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K	mm²	2.5 ... 16			6 ... 35	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²	2.5 ... 16			6 ... 25	1.5 ... 6	1.5 ... 16
„f" flexible H07V-K and ferrule with plastic insul. collar	mm²	2.5 ... 16			6 ... 25	1.5 ... 6	1.5 ... 16
Diameter	mm	6			9	5	7
Tightening torque	Nm	2	3		1.5	0.8	1.5
Clamping screw		M5	M6		M5	M4	M5
Blade size		PZ2	M5		PZ2	PZ1	PZ2
Stripping length	mm	10 ... 12			12 ... 18	9 ... 12	12 ... 18
UL/CSA rated data							
Voltage/current/conductor size	UL						
Voltage/current/conductor size	CSA						

Ordering data

Version	
	dark beige Wemid

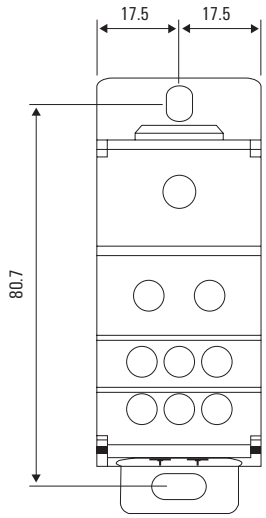
Type	Qty.	Order No.
WPDB 70/16 1/6	1	1939500000

Type	Qty.	Order No.
WPDB 35/16/6/N 1/2/5/11	1	1939510000

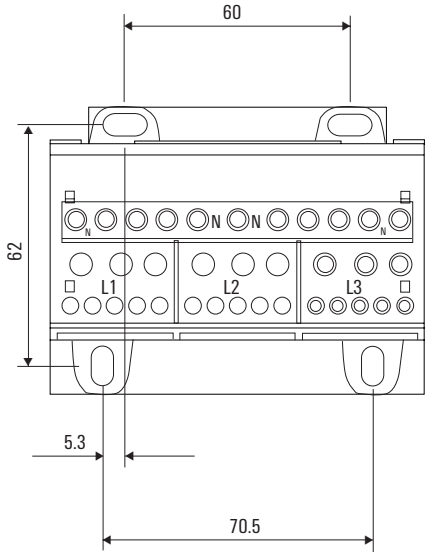
Accessories

Screwdrivers						
	Crosshead screwdriver, Pozidriv type				SDK PZ1	1	9008530000
	Crosshead screwdriver, Pozidriv type	SDK PZ2	1	9008540000	SDK PZ2	1	9008540000
	7-piece hexagon wrench set	SK-S 2.0-8.0	1	9008860000			
Labelling systems							
	Marking labels	LM MT300 15 x 9 GE	1	1882890000	LM MT300 15 x 9 GE	1	1882890000

WPDB 70/16 1/6

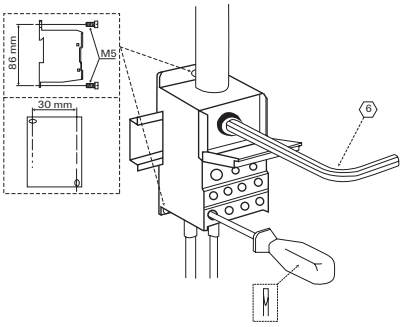


WPDB 35/16/6/N 1/2/5/11

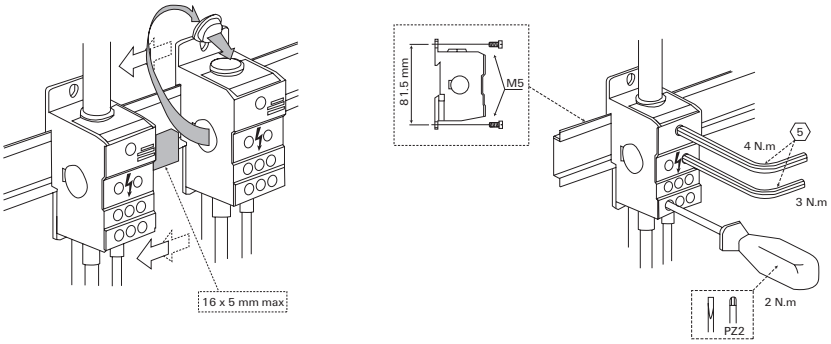


Assembly instructions

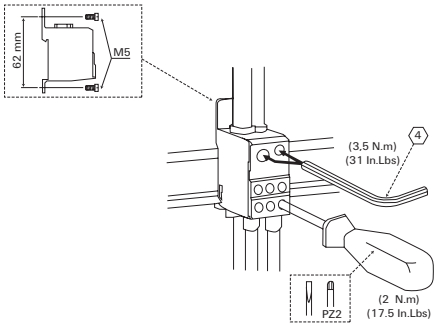
WPDB 120/35-16-10 1/2-5-4 and
WPDB 185/35-16-10 1/2-5-4



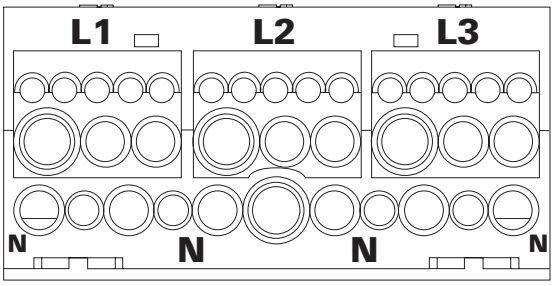
WPDB 70/16 1/6



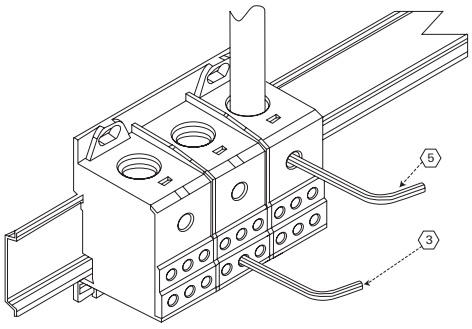
WPDB 35-16/16 1-1/6



WPDB 35/16/6/N 1/2/5/11

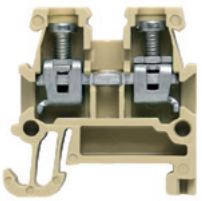


WPDB 3x70/16 1/6



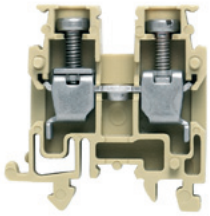
AKZ 1.5 — 1.5 mm²

Feed-through terminal



AKZ 2.5 — 2.5 mm²

Feed-through terminal



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

		AKZ 1.5	AKZ 2.5
Width/Length/height with TS15x7.5	mm	5.1 x 24.8 x 26	5.1 x 25.5 x 27.1
max. current / max. cond. cross-section	A/mm²	**24 / 2.5**	**32 / 4**
Max. clamping range	mm²	**0.21...2.5**	**0.13...4**

Technical data

		AKZ 1.5	AKZ 2.5
Rated data		IEC 60947-7-1	IEC 60947-7-1
			Ex e II II 2 G D
Rated voltage	V	250	250
Rated current	A	17.5	24
Rated cross-section	mm²	1.5	2.5
Rated impulse withstand voltage / Pollution severity		4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / Flammability class UL94		A1 / V-2	A3 / V-2
Approvals			SIRA 02ATEX3001 U
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²	0.5...2.5 / 1.5...1.5	0.5...4 / 1.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...2.5 / 0.5...2.5
Tightening torque range (terminal screw)		0.4...0.6 (M 2.5)	0.4...0.6 (M 2.5)
Stripping length / Blade size	mm/-	7 / 3.0 x 0.5 mm	7 / 3.0 x 0.5 mm
2 conductors with same cross-section (H05V/H07V)			
Solid / stranded	mm²	0.5...1	0.5...1.5
Flexible / Flexible with ferrule	mm²		
Note			

IEC	UL	CSA	EN 60079-7
250	150 (C)	300 (C)	
17.5	15 (C)	10 (C)	
1.5	AWG 22...14	AWG 24...16	
	4 kV / 3		
	A1 / V-2		

IEC	UL	CSA	EN 60079-7
250	300 (D)	300 (C)	176
24	10 (D)	10 (C)	15
2.5	AWG 22...12	AWG 26...10	2.5
	4 kV / 3		
	A3 / V-2		

Ordering data

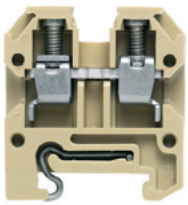
Version	AKZ 1.5 Type	Qty.	Order No.	AKZ 2.5 Type	Qty.	Order No.
beige (PA)	AKZ 1.5	100	**0340460000**	AKZ 2.5	100	**0697160000**
Blue (PA)	AKZ 1.5 BL	100	**0340480000**	AKZ 2.5 BL	100	**0697180000**
green/yellow (PA)						
Note	AKZ 1.5 Order no. 0340460000 and 0340480000 in PA with flammability rating acc. to UL94/V-2.			AKZ 2.5 Order no. 0697160000 and 0697180000 in PA with flammability rating acc. to UL94/V-2.		

Accessories

		AKZ 1.5 Type	current	Qty.	Order No.	AKZ 2.5 Type	current	Qty.	Order No.
Screwable cross-connection									
	2-pole	Q 2 AKZ1.5	24 A	50	**0368200000**	Q 2 AKZ1.5	24 A	50	**0368200000**
	3-pole	Q 3 AKZ1.5	24 A	50	**0368300000**	Q 3 AKZ1.5	24 A	50	**0368300000**
	4-pole	Q 4 AKZ1.5	24 A	50	**0368400000**	Q 4 AKZ1.5	24 A	50	**0368400000**
	10-pole	Q 10 AKZ1.5	24 A	20	**0368500000**	Q 10 AKZ1.5	24 A	20	**0368500000**
External cross-connection									
	2-pole								
	3-pole								
	4-pole								
End plate / Partition plate			Width				Width		
	Dark beige Wemid	AP AKZ1.5	1.5 mm	50	**0340560000**	AP AKZ2.5	2.5 mm	50	**0697360000**
	Blue Wemid	AP AKZ1.5 BL	1.5 mm	50	**0340580000**	AP AKZ2.5 BL	2.5 mm	50	**0697380000**
	Dark beige Wemid					TW AKZ2.5	1.5 mm	20	**0318560000**
End bracket									
	Dark beige Wemid	EW 15	10 mm	50	**0382860000**	EW 15	10 mm	50	**0382860000**
Testing / Checking									
	Test plug	PS 2.3 RT	5.4 mm	20	**0180400000**	PS 2.3 RT	5.4 mm	20	**0180400000**
	Socket	STB 8.5/D4/2.3/M2.5 AKZ		50	**0215700000**	STB 8.5/D4/2.3/M2.5 AKZ		50	**0215700000**

		AKZ 1.5	AKZ 2.5
Identification systems	(see assortment in catalogue 7)		
	Marking tags	DEK 5/5	DEK 5/5
Note			

AKZ 4 — 4 mm²



6.1 x 27 x 30.5
41 / 6
0.13...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300 (C)	300 (C)	275
32	27 (C)	10 (C)	21
4	AWG 22...12	AWG 24...12	4
	6 kV / 3		
	A3 / V-2		
			SIRA 02ATEX3001 U

Rated connection
0.5...6 / 1.5...4
0.5...4 / 0.5...2.5
0.6...0.8 (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5

Type	Qty.	Order No.
AKZ 4	100	**0294360000**
AKZ 4 BL	100	**0294380000**

AKZ 4 Order no. 0294360000 and 0294380000 made of PA with flammability class acc. to UL94/V-2.

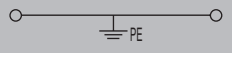
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	**0336400000**
Q 3 AKZ4	32 A	50	**0336500000**
Q 4 AKZ4	32 A	50	**0336600000**
Q 10 AKZ4	32 A	20	**0368600000**
	Width		
AP AKZ4	1.5 mm	20	**0294460000**
AP AKZ4 BL	1.5 mm	20	**0294480000**
TW AKZ4	0.6 mm	50	**0348260000**
EW 15	10 mm	50	**0382860000**
PS 2.3 RT	5.4 mm	20	**0180400000**
STB 8.5/D4/2.3/M2.5 AKZ		50	**0215700000**

DEK 5/6

AKE 2.5 — 2.5 mm²

PE terminal

5.1 x 28 x 28
/ 4
0.13...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	2.5
	/ 3		
	A3 / V-2		
			SIRA 02ATEX3001 U

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...2.5
0.4...0.6 (M 2.5)
7 / 3.0 x 0.5 mm
...4

Type	Qty.	Order No.
AKE 2.5	100	**1303360000**

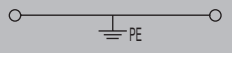
Type	current	Qty.	Order No.

DEK 5/5

AKE 4 — 4 mm²

PE terminal

7 x 32 x 34.5
/ 4
0.13...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 22...12	AWG 26...12	4
	/ 3		
	A3 / V-2		
			SIRA 02ATEX3001 U

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1 (M 3)
9 / 0.6 x 3.5 mm
...4

Type	Qty.	Order No.
AKE 4	100	**0380260000**

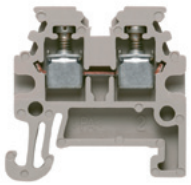
Type	current	Qty.	Order No.

DEK 5/6.5

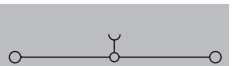
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

WDU 1.5/R 3.5 — 1.5 mm²

Feed-through terminal (V0)



Width/Length/height with TS15x7.5	3.5 x 24.5 x 25 mm
max. current / max. cond. cross-section	**17.5 / 1.5** A/mm²
Max. clamping range	**0.13...1.5** mm²



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300 (D)	300 (D)	275
17.5	10 (D)	10 (D)	14
1.5	AWG 26...14	AWG 26...14	1.5
	4 kV / 3		
	A1 / V-0		

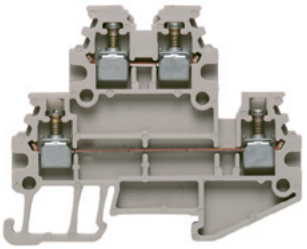
KEMA 99ATEX6545 U

Rated connection	
0.5...1.5 / 1.5...1.5	
0.5...1.5 / 0.5...1.5	
0.3 Nm(M 2)	
7 / 0.4 x 2.5 mm	
0.5...0.75	
0.5...0.75 / 0.5...0.5	

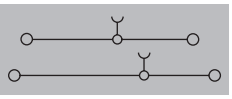
PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule.

WDK 1.5/R3.5 — 1.5 mm²

Double feed-through terminal (V0)



Width/Length/height with TS15x7.5	3.5 x 46.5 x 38.5 mm
max. current / max. cond. cross-section	**16 / 1.5** A/mm²
Max. clamping range	**0.13...1.5** mm²



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300 (D)	300 (D)	275
16	10 (D)	10 (D)	15
1.5	AWG 26...14	AWG 26...14	1.5
	4 kV / 3		
	A1 / V-0		

KEMA 99ATEX6545 U

Rated connection	
0.5...1.5 / 1.5...1.5	
0.5...1.5 / 0.5...1.5	
0.3 Nm(M 2)	
7 / 0.4 x 2.5 mm	
0.5...0.75	
0.5...0.75 / 0.5...0.5	

PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule.

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with ferrule	mm²
Note	

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid (PA)	WDU 1.5/R3.5	100	**1753280000**
Blue Wemid (PA)	WDU 1.5/R3.5 BL	100	**1754170000**
Note			

Type	Qty.	Order No.
WDK 1.5/R3.5	100	**1753290000**

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 1.5N/R3.5/2 GE	17.5 A	50	**1754210000**
3-pole	ZQV 1.5N/R3.5/3 GE	17.5 A	50	**1754220000**
4-pole	ZQV 1.5N/R3.5/4 GE	17.5 A	20	**1754230000**
10-pole	ZQV 1.5N/R3.5/10 GE	17.5 A	20	**1754290000**
End plate / Partition plate	**Width**			
Dark beige Wemid	WAP WDK1.5/R3.5	1.5 mm	20	**1754200000**
End bracket				
Dark beige Wemid	EW 15	10 mm	50	**0382860000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 1.5N/R3.5/2 GE	17.5 A	50	**1754210000**
3-pole	ZQV 1.5N/R3.5/3 GE	17.5 A	50	**1754220000**
4-pole	ZQV 1.5N/R3.5/4 GE	17.5 A	20	**1754230000**
10-pole	ZQV 1.5N/R3.5/10 GE	17.5 A	20	**1754290000**
End plate / Partition plate	**Width**			
Dark beige Wemid	WAP WDK1.5/R3.5	1.5 mm	20	**1754200000**
End bracket				
Dark beige Wemid	EW 15	10 mm	50	**0382860000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/3,5
Note	

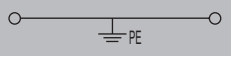
DEK 5/3,5

WPE 1.5/R3.5 — 1.5 mm²

PE terminal (V0)

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS15x7.5	mm	3.5 x 24.5 x 25
max. current / max. cond. cross-section	A/mm²	**/ 1.5**
Max. clamping range	mm²	**0.13...1.5**



Technical data

IEC 60947-7-2

Rated data	IEC	UL	CSA
Rated cross-section mm²	1.5	AWG 26...18	AWG 26...18
Rated voltage to adjoining terminal V	400		
Rated impulse withstand voltage to adjacent terminal kV	6		
Rated short-time current		180 A (1.5 mm²)	
Pollution severity		3	
Gauge to IEC 60947-1 / Flammability class UL94		A1 / V-0	
Approvals			
Clamped conductors (H05V/H07V)	**Rated connection**		
Solid / stranded mm²	0.5...1.5 / 1.5...1.5		
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5		
Tightening torque range (terminal screw)	0.3 Nm(M 2)		
Tightening torque range for fixing screw			
Stripping length / Blade size mm/-	7 / 0.4 x 2.5 mm		
Note	PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule.		

Ordering data

Version	Type	Qty.	Order No.
green/yellow Wemid (PA)	WPE 1.5/R3.5	100	**1798460000**
Note			

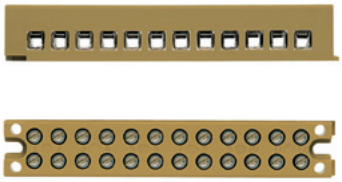
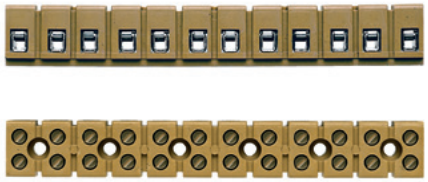
Accessories

End plate / Partition plate	Type	Width	Qty.	Order No.
Dark beige Wemid	WAP WDU1.5/R3.5	1.5 mm	20	**1754190000**
End bracket				
Dark beige Wemid	EW 15	10 mm	50	**0382860000**

Identification systems (see assortment in catalogue 7)	
Marking tags	DEK 5/3,5
Note	

Multi-pole terminal strips for direct mounting

Screw connection

	MK 2/12	2.5 mm²	MK 3/2...12	2.5 mm²
				
Width/Length/Height of lowest version	mm	**15 x 86 x 15**		**15 x 91.25 x 16.1**
max. current / max. cond. cross-section	A/mm²	24 / 4		24 / 4
Max. clamping range	mm²	**0.2...4**		**0.33...4**

Technical data

Rated data		MK 2/12	MK 3/2...12
		IEC 60947-7-1	IEC 60947-7-1
Rated voltage	V	125 (IEC) / 300 (D) (UL) / 300 (D) (CSA)	400 (IEC) / 600 (D) (UL) / 300 (C) (CSA)
Rated current	A	24 (IEC) / 10 (D) (UL) / 10 (D) (CSA)	24 (IEC) / 5 (D) (UL) / 25 (C) (CSA)
Rated cross-section	mm²	2.5 (IEC) / AWG 24...12 (UL) / AWG 24...12 (CSA)	2.5 (IEC) / AWG 22...12 (UL) / AWG 22...12 (CSA)
Rated impulse withstand voltage / Pollution severity		2.5 kV / 3	6 kV / 3
Gauge to IEC 60947-7-1 / Flammability class UL94		A2 / 5VA	A2 / 5VA
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	0.5...4 / 1.5...2.5	0.5...4 / 1.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Tightening torque range (terminal screw)		0.4(M 2.5)	0.4...0.45 Nm (M 2.5)
Stripping length / Blade size	mm/-	5 / 0.6 x 3.5 mm	5 / 0.6 x 3.5 mm

Ordering data

	Type	Length	Mounting	Qty.	Order No.
2-pole					
3-pole					
4-pole					
5-pole					
6-pole					
7-pole					
8-pole					
10-pole					
12-pole	MK 2/12	86 mm	80 mm	50	**0241260000**
16-pole					

Type	Length	Mounting	Qty.	Order No.
MK 3/2	17.4 mm	18.5 mm	100	**0273820000**
MK 3/3	26.5 mm	18.5 mm	50	**0273920000**
MK 3/4	35.75 mm	18.5 mm	50	**0274020000**
MK 3/5	45 mm	18.5 mm	50	**0274120000**
MK 3/6	54.25 mm	37 mm	50	**0274220000**
MK 3/7	63.5 mm	37 mm	50	**0274320000**
MK 3/8	72.75 mm	55.5 mm	25	**0274420000**
MK 3/10	91.25 mm	74 mm	20	**0274620000**
MK 3/12	110 mm	92.5 mm	20	**0243520000**

Accessories

Marking strips, printed

Type	Qty.	Order No.
BSTB 28/12/6.35 U 1-12	50	**0245700000**
BSTB 28/12/6.35 O 1-12	50	**0278500000**

Type	Qty.	Order No.
BSTB 28/12 MK U 1-12	50	**0245900000**
BSTB 28/8 MK U 1-8	50	**0290200000**
BSTB 28/6 MK U 1-6	50	**0290000000**

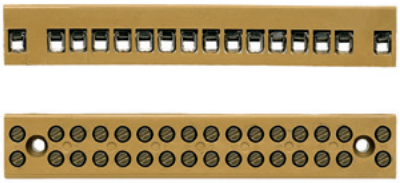
Marking strips, unprinted

BSTO 28/12 MK	50	**0245800000**
BSTO 28/8 MK3/8	50	**0284700000**
BSTO 28/6 MK	50	**0289500000**
BSTO 28/4 MK3/4	50	**0289300000**

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the "Accessories" section

MK 4/16 — 2.5 mm²



17 x 103 x 16
24 / 4
0.2...4

IEC 60947-7-1

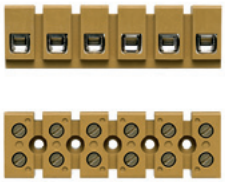
IEC	UL	CSA
400	150 (C)	150 (C)
24	15 (C)	15 (C)
2.5	AWG 22...12	AWG 22...12
	6 kV / 3	
	A2 / 5VA	

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
0.4...0.45 Nm (M 2.5)
5 / 0.6 x 3.5 mm

Type	Length	Mounting	Qty.	Order No.
MK 4/16	103 mm	85.5 mm	20	**0244220000**

Type	Qty.	Order No.
BSTB 28/16 MK U 1-16	50	**0262200000**
BSTO 28/16 MK 4/16	50	**0262100000**

MK 6/2...6/6 — 6 mm²



23 x 23.5 x 22
41 / 6
0.33...6

IEC 60947-7-1

IEC	UL	CSA
690	300 (C)	300 (C)
41	20 (C)	40 (C)
6	AWG 22...10	AWG 22...10
	8 kV / 3	
	A3 / 5VA	

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...2 Nm (M 4)
9 / 4.0 x 0.8 mm

Type	Length	Mounting	Qty.	Order No.
MK 6/2	23.5 mm		50	**0620420000**
MK 6/3	36.5 mm	13 mm	50	**0620320000**
MK 6/4	49.5 mm	26 mm	20	**0620220000**
MK 6/6	75.5 mm	52 mm	20	**0620120000**

Type	Qty.	Order No.

Multi-pole terminal strips for direct mounting

Screw connection

	MK 5/2 0.DE	2.5 mm²	KS 2...10	2.5 mm²
Width/Length/Height of lowest version mm	**18 x 40 x 14**		**25 x 138 x 20**	
max. current / max. cond. cross-section A/mm²	24 / 4		24 / 4	
Max. clamping range mm²	**0.2...4**		**0.2...4**	

Technical data

Rated data		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	500		300 (C)	500	300 (C)	300 (C)
Rated current	A	24		25 (C)	24	20 (C)	25 (C)
Rated cross-section	mm²	2.5		AWG 20...14	2.5	AWG 22...12	AWG 24...12
Rated impulse withstand voltage / Pollution severity				6 kV / 3		6 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94				A2 / 5VA		A2 / 5VA	
Approvals					IEC 60947-7-1		
Clamped conductors (H05V/H07V)							
Solid / stranded	mm²	0.5...4 / 1.5...2.5			0.5...4 / 1.5...2.5		
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5			0.5...2.5 / 0.5...1.5		
Tightening torque range (terminal screw)		0.4(M 2.5)			0.5...0.7 Nm (M 3)		
Stripping length / Blade size	mm/-	5 / 0.6 x 3.5 mm			8 / 4.0 x 0.8 mm		

Ordering data

	MK 5/2 0.DE				KS 2...10			
	Type	Length	Mounting	Qty.	Order No.	Type	Length	Mounting	Qty.	Order No.
2-pole	MK 5/2 0.DE	40 mm	32 mm	100	**0243820000**	KS 2 0.D2	42 mm	32 mm	100	**0134420000**
3-pole										
4-pole						KS 4 0.D4	66 mm	56 mm	50	**0140320000**
6-pole						KS 6 0.D6	90 mm	80 mm	50	**0140620000**
10-pole						KS 10 0.D10	138 mm	128 mm	20	**0141620000**
12-pole										

Accessories

Lid / cover	Type	Qty.	Order No.	Type	Qty.	Order No.
	D 2 MK5/2 PA/NA	50	**0244060000**	D2 KS2 TP	100	**0134500000**
				D4 KS4 TP	50	**0140500000**
				D6 KS6 TP	50	**0140800000**
				D10 KS10 TP	20	**0141800000**
Marking strips, printed						
				ELSB 2 BEZ. 1-2	50	**0143200000**
				ELSB 10 BEZ. 1-10	50	**0143500000**
Marking strips, unprinted						

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the "Accessories" section.

BK 2...12 — 4 mm²

22 x 92 x 20
32 / 4
0.33...4

IEC 60947-7-1

IEC	UL	CSA
400	150 (C)	300 (D)
32	20 (C)	10 (D)
4	AWG 22...12	AWG 22...12
	6 kV / 3	
	A3 / 5VA	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
8 / 4.0 x 0.8 mm

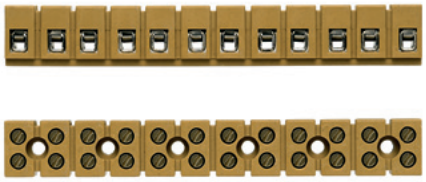
Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm²) can be connected.

Type	Length	Mounting	Qty.	Order No.
BK 2 CRN	20 mm		100	**0624720000**
BK 3 CRN	31 mm	11 mm	100	**0624920000**
BK 4 CRN	38 mm	18 mm	100	**0625120000**
BK 6 CRN	52 mm	32 mm	50	**0625220000**
BK 12 CRN	92 mm	72.5 mm	25	**0625320000**

Type	Qty.	Order No.
BSTB 28/2 BK U 1-2	50	**0203600000**
BSTB 28/4 BK U 1-4	50	**0197300000**
BSTB 28/6 BK U 1-6	50	**0197500000**
BSTB 28/12 BK U 1-12	50	**0198800000**
BSTO 28/2 BK	50	**0203500000**
BSTO 28/3 BK	50	**0203700000**
BSTO 28/4 BK	50	**0197200000**
BSTO 28/6 BK	50	**0197400000**
BSTO 28/12 BK	50	**0198700000**

Screw connection
ATEX approval

	BK 2...12/E	4 mm²	MK 3/2...12/E	2.5 mm²



		BK 2...12/E	MK 3/2...12/E
Width/Length/Height of lowest version	mm	**22 x 92 x 20**	**15 x 110 x 16.1**
max. current / max. cond. cross-section	A/mm²	32 / 4	24 / 4
Max. clamping range	mm²	**0.33...4**	**0.33...4**

Technical data

		BK 2...12/E	MK 3/2...12/E
Rated data			
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex e II II 2 G D	Ex e II II 2 G D
Rated cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / Flammability class UL94			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Tightening torque range (terminal screw)			
Stripping length / Blade size	mm/-		

IEC	UL	CSA	EN 60079-7
400	150 (C)	300 (D)	275
32	20 (C)	10 (D)	21
4	AWG 22...12	AWG 22...12	4
	6 kV / 3		
	A3 / 5VA		
	BAS 98ATEX3084 U		
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...4			
0.5...0.6 Nm (M 3)			
8 / 4.0 x 0.8 mm			

Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm²) can be connected.

IEC	UL	CSA	EN 60079-7
400	600 (D)	300 (C)	275
24	5 (D)	25 (C)	15
2.5	AWG 22...12	AWG 22...12	2.5
	6 kV / 3		
	A2 / 5VA		
	BAS 99ATEX2124 U		
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
0.4...0.45 Nm (M 2.5)			
5 / 0.6 x 3.5 mm			

Ordering data

	Type	Length	Mounting	Qty.	Order No.
2-pole	BK 2/E	20 mm		100	**7906040000**
3-pole	BK 3/E	31 mm	11 mm	100	**7906060000**
4-pole	BK 4/E	38 mm	18 mm	100	**7906080000**
5-pole					
6-pole	BK 6/E	52 mm	32 mm	50	**7906090000**
8-pole					
12-pole	BK 12/E	92 mm	72.5 mm	25	**7906100000**

	Type	Length	Mounting	Qty.	Order No.
	MK 3/2/E	17.4 mm	18.5 mm	100	**7906110000**
	MK 3/3/E	26.5 mm	18.5 mm	50	**7906120000**
	MK 3/4/E	35.75 mm	18.5 mm	50	**7906130000**
	MK 3/6/E	54.25 mm	37 mm	50	**7906150000**
	MK 3/8/E	72.75 mm	55.5 mm	25	**7906170000**
	MK 3/12/E	110 mm	92.5 mm	20	**7906210000**

Accessories

Marking strips, printed

Type	Qty.	Order No.
BSTB 28/2 BK U 1-2	50	**0203600000**
BSTB 28/4 BK U 1-4	50	**0197300000**
BSTB 28/6 BK U 1-6	50	**0197500000**
BSTB 28/12 BK U 1-12	50	**0198800000**

Type	Qty.	Order No.
BSTB 28/12 MK U 1-12	50	**0245900000**
BSTB 28/8 MK U 1-8	50	**0290200000**
BSTB 28/6 MK U 1-6	50	**0290000000**

Marking strips, unprinted

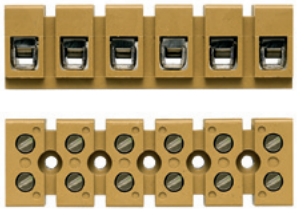
Type	Qty.	Order No.
BSTO 28/2 BK	50	**0203500000**
BSTO 28/3 BK	50	**0203700000**
BSTO 28/4 BK	50	**0197200000**
BSTO 28/6 BK	50	**0197400000**
BSTO 28/12 BK	50	**0198700000**

Type	Qty.	Order No.
BSTO 28/12 MK	50	**0245800000**
BSTO 28/8 MK3/8	50	**0284700000**
BSTO 28/6 MK	50	**0289500000**
BSTO 28/4 MK3/4	50	**0289300000**

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the "Accessories" section.

MK 6/2...6/E — 6 mm²



23 x 75.5 x 22
41 / 6
0.33...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
690	300 (C)		440
41	20 (C)		26
6	AWG 22...10		6
	8 kV / 3		
	A3 / 5VA		
			BAS 99ATEX2123 U

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...2 Nm (M 4)
9 / 4.0 x 0.8 mm

Type	Length	Mounting	Qty.	Order No.
MK 6/2/E	23.5 mm		50	**7906220000**
MK 6/3/E	36.5 mm	13 mm	50	**7906230000**
MK 6/4/E	49.5 mm	26 mm	20	**7906240000**
MK 6/5/E	6250 mm	26 mm	20	**7906250000**
MK 6/6/E	75.5 mm	52 mm	20	**7906260000**

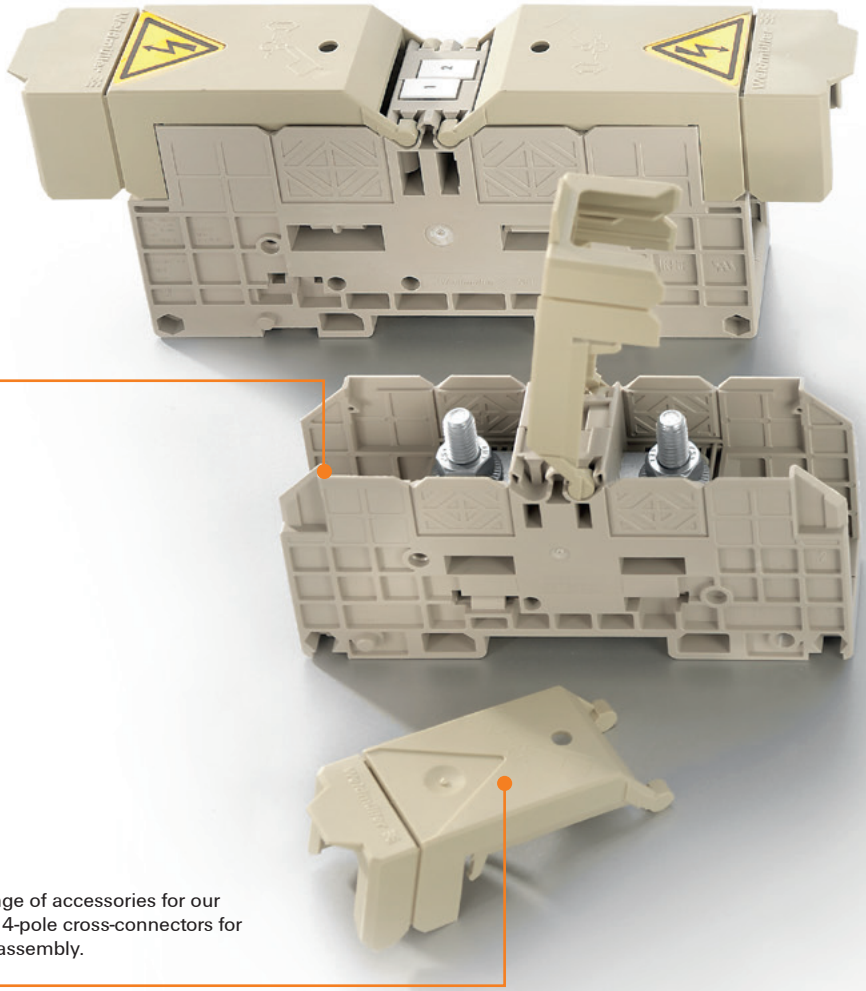
Type	Qty.	Order No.

Weidmüller stud terminals

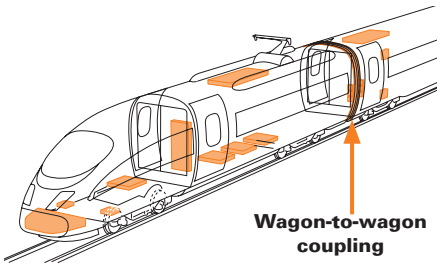
Safe connections for reliable energy transfer

In harsh environments, robust products are important; but they should also be an affordable solution. Our stud terminals meet these requirements exactly: safe power transmission in connection ranges from 10 mm² to 300 mm².

The conductors are attached to the terminals using crimped cable lugs and each connection is secured by tightening the hexagonal nut.
A low voltage drop and the use of a self-extinguishing material with a V0 (UL94) flammability rating guarantee maximum safety.

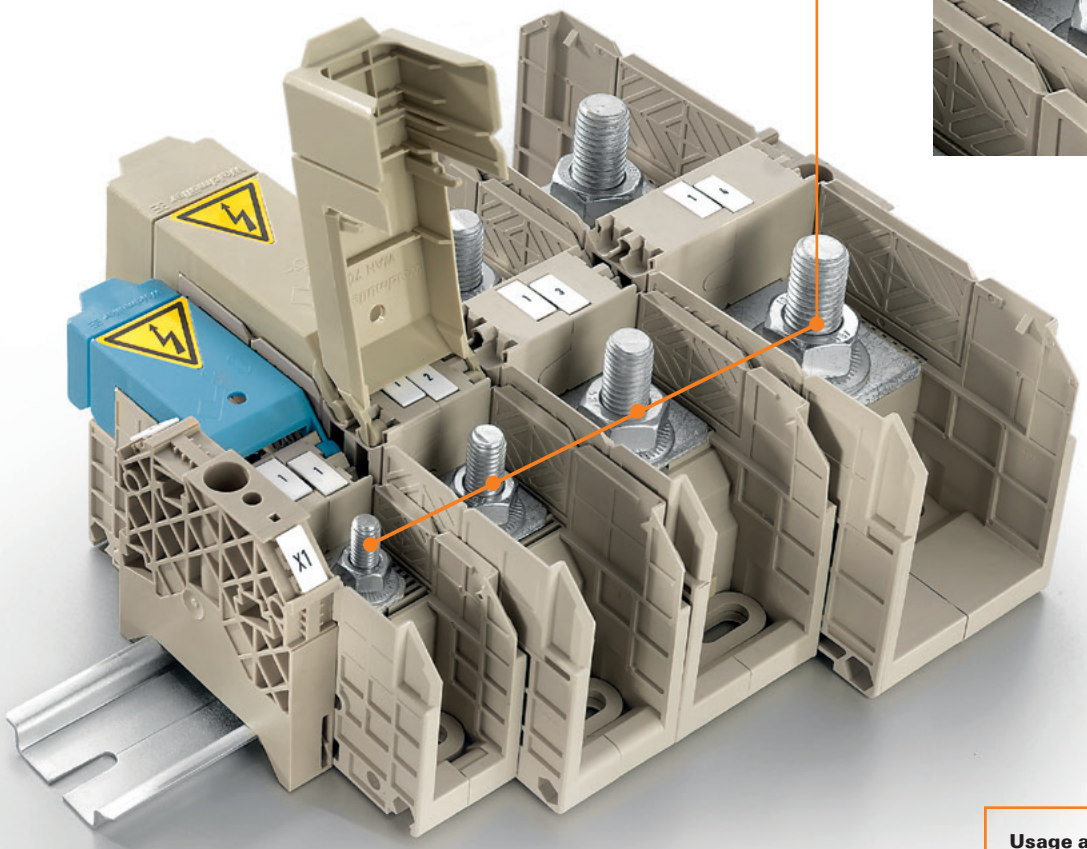


Fit for Transportation
All stud terminals are tested according to the international railway standards and meet the requirements specified.

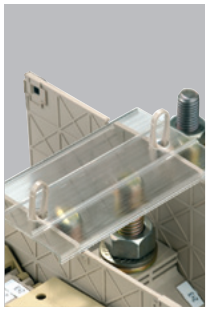


Flexible accessories
We offer a comprehensive range of accessories for our stud terminals, e.g. 2-, 3-, and 4-pole cross-connectors for potential distribution. Simple assembly.

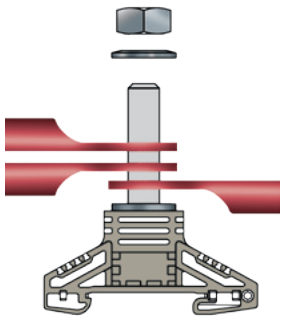
Variable system
Stud terminals in bolt sizes M5 to M16
For conductors with cable lugs according to DIN 46234 up to 240 mm² and DIN 46235 up to 300 mm². Up to four cable lugs per bolt possible.
For voltages ranges up to 4,000 V and currents up to 415 A.



Safe operation
Touch-safe protection is guaranteed thanks to cover profiles or the snap-on and screwable cover hoods.

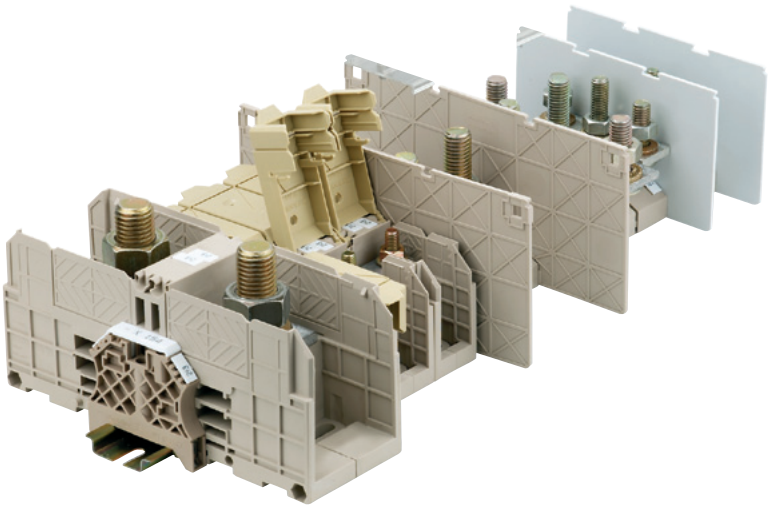


Usage and handling
Cable lugs are crimped onto the wire ends to connect the wires.
The cable lugs are put on between the washer on the clamp support and the thrust washer on the stud.
The back sides of the cable lugs are positioned against each other. As the hex nut is tightened, the cable lugs press against each other to form a secure contact.



Stud terminals – Accessories

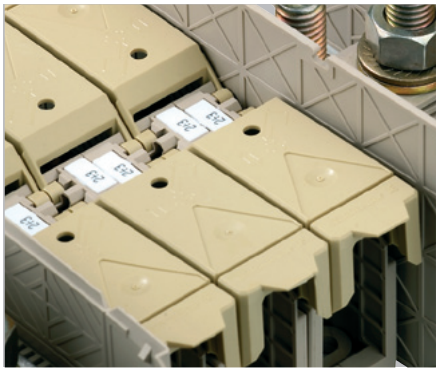
Series WF and WFF



Electrical distribution

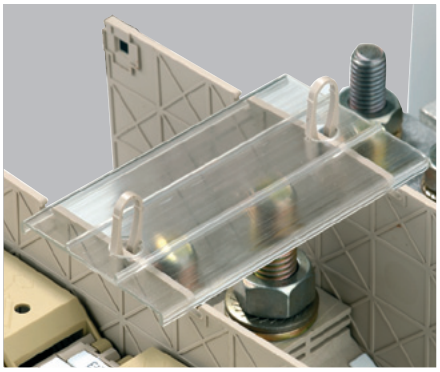
Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles cross-connections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF two-stud terminals, firstly the partition plates have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

Shock protection



The two-stud terminals in the WF-Series offer, with an integrated hinge cover, a high degree of finger safety. When closed, the cover locks onto the terminal and protects the contact from accidental contact.

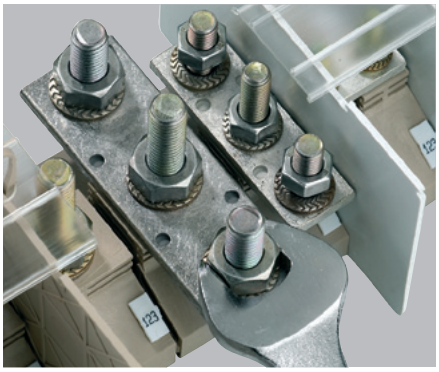
Shock protection / partition plates



Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltages:

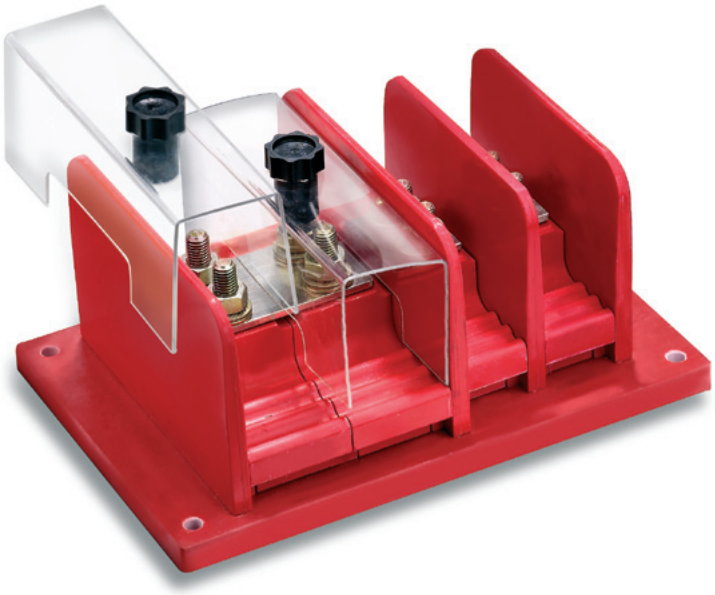
- Voltage range up to 1000 V with partition plate WTW WF
- Voltage range up to 2300 V for WF with epoxy partition plate WTW WF 2300

Connection



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. A normal open-ended spanner can be used to tighten the hex screw and complete installation.

Series ST 4000



Shock protection

Stud terminals in the ST 4000 series offer an ideal cover for every version. The polycarbonate cover is placed between the partition plates and fastened to the stud with the plastic-coated fixing nut.

Fixing nuts are available to fit every stud size.

Potential distribution

When two neighbouring ST 4000 terminals have the same current, cross-connectors are fitted instead of the busbar.

The pairs of holes in the cross-connection are rated exactly to the spacing of ST 4000.

Here the partition plate has to be replaced by the connecting piece ST 4000/S C130 or ST 4000/L C160.

Cross-connections are available as 2-, 3-, or 4-poles.

Connection

Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. Tighten the steel hexagonal nut to ensure good contact between cable lug and busbar.

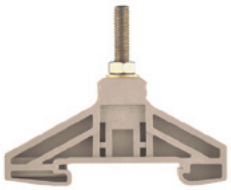
The same principle applies when two cable lugs contact on one stud or slotted hole cable lugs are used.

Slotted hole cable lugs can also be placed over both studs.

WF-series

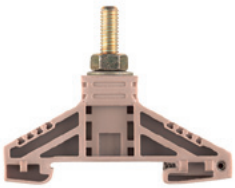
WF 5	16 mm²

Screw thread M5



WF 6	35 mm²

Screw thread M6



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm	13 x 67 x 56	17.8 x 67 x 56
max. current / max. cond. cross-section	A	**76 / 16**	**125 / 35**
Max. clamping range	mm²	**0.1...16**	**2.5...35**

Technical data

Rated data with Wemid partition wall		IEC	UL	CSA
Rated voltage	V	1000	1000 (C)	1000 (C)
Rated current	A	76	85 (C)	85 (C)
Rated cross-section	mm²	16	AWG 10...4	AWG 10...4
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0	
Approvals				
Clamped cable lugs				
Cable lug to DIN 46234		0.1...16 mm²		
2 x cable lugs DIN 46 234		0.1...16 mm²		
Cable lug to DIN 46235		6...10 mm²		
2 x cable lugs DIN 46 235		6...10 mm²		
Tightening torque range		2...4 Nm		
Note				

Rated data with Wemid partition wall		IEC	UL	CSA
Rated voltage	V	1000	1000 (C)	1000 (C)
Rated current	A	125	115 (C)	150 (C)
Rated cross-section	mm²	35	AWG 14...2	AWG 14...2
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0	
Approvals				
Clamped cable lugs				
Cable lug to DIN 46234		2.5...35 mm²		
2 x cable lugs DIN 46 234		2.5...35 mm²		
Cable lug to DIN 46235		6...25 mm²		
2 x cable lugs DIN 46 235		6...25 mm²		
Tightening torque range		3...6 Nm		
Note				

Ordering data

Version	Type	Qty.	Order No.
Dark beige Wemid	WF 5	25	**1790130000**
Note	1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

Version	Type	Qty.	Order No.
Dark beige Wemid	WF 6	25	**1780850000**
Note	1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

Accessories

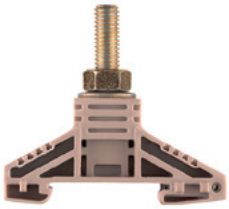
Cross-connection	Type	current	Qty.	Order No.
2-pole	WQL 2 WF5	101 A	5	**1812710000**
3-pole	WQL 3 WF5		5	**1812740000**
4-pole				
Partition plate		**Width**		
Dark beige Wemid	WTW WF6-WF12	2.5 mm	20	**1781240000**
Beige epoxy resin	WTW WF6 2300	3 mm	20	**1781230000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Hood transparent				
Hood transparent	ADP WF6/WF8		1	**1780930000**
Holder for shrouding cover transparent				
Holder for shrouding cover transparent	HA ADP WF6/WF10	2.2 mm	10	**1781050000**

Cross-connection	Type	current	Qty.	Order No.
2-pole	WQL 2 WF6	125 A	5	**1780970000**
3-pole	WQL 3 WF6	125 A	5	**1780980000**
4-pole				
Partition plate		**Width**		
Dark beige Wemid	WTW WF6	3 mm	20	**1781220000**
Beige epoxy resin	WTW WF6 2300	3 mm	20	**1781230000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Hood transparent				
Hood transparent	ADP WF6/WF8		1	**1780930000**
Holder for shrouding cover transparent				
Holder for shrouding cover transparent	HA ADP WF6/WF10	2.2 mm	10	**1781050000**

Identification systems (see assortment in catalogue 7)		
Marking tags	WS 12/5	WS 10/6
Note	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

WF 8 — 50 mm²

Screw thread M8



22.8 x 67 x 65
150 / 50
2.5...50

IEC	UL	CSA
1000	1000 (C)	1000 (C)
150	150 (C)	200 (C)
50	AWG 14...0	AWG 14...0
	8 kV / 3	
	/ V-0	

2.5...50 mm²	
2.5...50 mm²	
6...35 mm²	
6...35 mm²	
6...12 Nm	

The WQL 2 for WF 6 on the WF 8 is available under Order no. 1808980000.

Type	Qty.	Order No.
WF 8	25	1780860000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

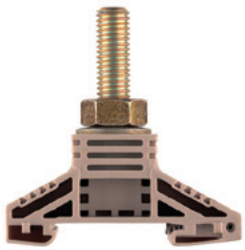
Type	current	Qty.	Order No.
WQL 2 WF8	150 A	5	1780990000
WQL 3 WF8	150 A	5	1781000000
	Width		
WTW WF8	3 mm	20	1780900000
WTW WF8 2300	3 mm	20	1780910000
WEW 35/2	8 mm	100	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10	2.2 mm	10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

WF 10 — 120 mm²

Screw thread M10



33.8 x 67 x 74
269 / 120
6...120

IEC	UL	CSA
1000	1000 (C)	1000 (C)
269	255 (C)	320 (C)
120	AWG 10...250	AWG 10...250
	8 kV / 3	
	/ V-0	

6...120 mm²	
6...120 mm²	
10...95 mm²	
10...95 mm²	
10...20 Nm	

The WQL 2 for WF 6 on the WF 10 is available under Order no. 1806620000.

Type	Qty.	Order No.
WF 10	20	1780870000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

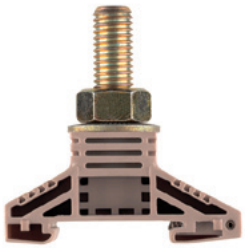
Type	current	Qty.	Order No.
WQL 2 WF10	265 A	5	1781010000
WQL 3 WF10	265 A	5	1781020000
WQL 4 WF10		5	1027840000
	Width		
WTW WF10/WF12	3 mm	20	1780890000
WTW WF10/WF12 2300	3 mm	20	1780920000
WEW 35/2	8 mm	100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10	2.2 mm	10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

WF 12 — 120 mm²

Screw thread M12



33.8 x 67 x 72
269 / 120
6...120

IEC	UL	CSA
1000	1000 (C)	1000 (C)
269	255 (C)	320 (C)
120	AWG 10...250	AWG 10...250
	8 kV / 3	
	/ V-0	

6...120 mm²	
6...120 mm²	
10...95 mm²	
10...95 mm²	
14...31 Nm	

Type	Qty.	Order No.
WF 12	20	1780880000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WF12	265 A	5	1781030000
WQL 3 WF12	265 A	5	1781040000
	Width		
WTW WF10/WF12	3 mm	20	1780890000
WTW WF10/WF12 2300	3 mm	20	1780920000
WEW 35/2	8 mm	100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10	2.2 mm	10	1781050000

WS 10/6

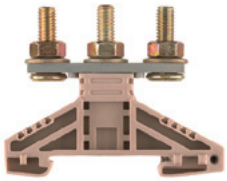
With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

WF 2BZ

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

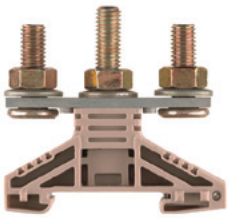
WF 6/2BZ — 35 mm²

Screw thread M6



WF 8/2BZ — 50 mm²

Screw thread M8



Width/Length/Height of lowest version	mm	17.8 x 67 x 56	22.8 x 67 x 65
max. current / max. cond. cross-section	A/mm²	**125 / 35**	**150 / 50**
Max. clamping range	mm²	**2.5...35**	**2.5...50**

Technical data

Rated data with Wemid partition wall		**IEC**	**UL**	**CSA**	**IEC**	**UL**	**CSA**
Rated voltage	V	1000	1000 (C)		1000	1000 (C)	
Rated current	A	125	115 (C)		150	150 (C)	
Rated cross-section	mm²	35	AWG 14...2		50	AWG 14...0	
Rated impulse withstand voltage / Pollution severity			8 kV / 3			8 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0			/ V-0	
Approvals							
Clamped cable lugs							
Cable lug to DIN 46234		2.5...35 mm²			2.5...50 mm²		
2 x cable lugs DIN 46 234		2.5...35 mm²			2.5...50 mm²		
Cable lug to DIN 46235		6...25 mm²			6...35 mm²		
2 x cable lugs DIN 46 235		6...25 mm²			6...35 mm²		
Tightening torque range		3...6 Nm			6...12 Nm		
Note							

Ordering data

Version	**Type**	**Qty.**	**Order No.**
Dark beige Wemid	WF 6/2BZ	25	**1789770000**
Note	1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

Version	**Type**	**Qty.**	**Order No.**
Dark beige Wemid	WF 8/2BZ	25	**1789780000**
Note	1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

Accessories

Cross-connection	**Type**	**current**	**Qty.**	**Order No.**
2-pole	WQL 2 WF6	125 A	5	**1780970000**
3-pole	WQL 3 WF6	125 A	5	**1780980000**
Partition plate		**Width**		
Dark beige Wemid	WTW WF10/WF12	3 mm	20	**1780890000**
Beige epoxy resin	WTW WF6 2300	3 mm	20	**1781230000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Hood transparent				
Hood transparent	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover transparent				
Holder for shrouding cover transparent	HA ADP WF6/WF10	2.2 mm	10	**1781050000**

Cross-connection	**Type**	**current**	**Qty.**	**Order No.**
2-pole	WQL 2 WF8	150 A	5	**1780990000**
3-pole	WQL 3 WF8	150 A	5	**1781000000**
Partition plate		**Width**		
Dark beige Wemid	WTW WF10/WF12	3 mm	20	**1780890000**
Beige epoxy resin	WTW WF8 2300	3 mm	20	**1780910000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Hood transparent				
Hood transparent	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover transparent				
Holder for shrouding cover transparent	HA ADP WF6/WF10	2.2 mm	10	**1781050000**

Identification systems (see assortment in catalogue 7)		
Marking tags	WS 12/5	WS 12/5
Note	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

WF 10/2BZ — 120 mm²

Screw thread M10

33.8 x 87.6 x 74
269 / 120
6...120

IEC	UL	CSA
1000	1000 (C)	
269	255 (C)	
120	AWG 10...250	
	8 kV / 3	
	/ V-0	

6...120 mm²	
6...120 mm²	
10...95 mm²	
10...95 mm²	
10...20 Nm	

Type	Qty.	Order No.
WF 10/2BZ	20	**1789790000**

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

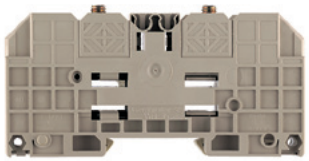
Type	current	Qty.	Order No.
WQL 2 WF10	265 A	5	**1781010000**
WQL 3 WF10	265 A	5	**1781020000**
	Width		
WTW WF10/WF12	3 mm	20	**1780890000**
WTW WF10/WF12 2300	3 mm	20	**1780920000**
WEW 35/2	8 mm	100	**1061200000**
ADP WF10/WF12		1	**1780940000**
HA ADP WF6/WF10	2.2 mm	10	**1781050000**

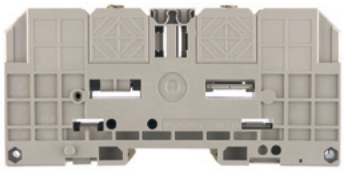
With WTW...2300 made from epoxy resin, rated current 1500 V up to 70 mm² according to prelim. EN 50124 pt 1.

WFF series

WFF 35	35 mm²
Screw thread M6	

WFF 70	70 mm²
Screw thread M8	





In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

WFF 35	WFF 70
27 x 107 x 59.5	32 x 132 x 69.5
150 / 50	**232 / 95**
2.5...50	**2.5...95**

Technical data

Rated data with Wemid partition wall		
Rated voltage	V	
Rated current	A	
Rated cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / Flammability class UL94		
Approvals		
Clamped cable lugs		
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234		
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235		
Tightening torque, min.		

Ex e II	II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
125	115 (C)	130 (C)	109
35	AWG 14...2	AWG 14...2	35
	8 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U
2.5...50 mm² /			
6...25 mm² /			
3			

Ex e II	II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
192	175 (C)	170 (C)	167
70	AWG 14...00	AWG 14...00	70
	8 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U
2.5...95 mm² /			
16...70 mm² /			
6			

Note

When connecting cable lugs (in accordance with DIN 46234) with 70 and 95 mm², the rated voltage is reduced to 800 V.

Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid
	Blue Wemid

Type	Qty.	Order No.
WFF 35	10	1028300000
WFF 35/AH	5	1029300000
WFF 35 BL	10	1028380000

Note

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	Qty.	Order No.
WFF 70	10	1028400000
WFF 70/AH	5	1029400000
WFF 70 BL	10	1028480000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Accessories

Cross-connection				
	2-pole			
	3-pole			
Partition plate				
	Dark beige Wemid			
End bracket				
	Dark beige Wemid			
Hood				
	Hood, dark beige Wemid			
Warning triangle for power supply terminals				

Type	current	Qty.	Order No.
WQL 2 WFF35	150 A	5	1064900000
WQL 3 WFF35	150 A	5	1065400000
	Width		
WTW WFF35	2 mm	10	1067100000
WEW 35/1	12 mm	50	1059000000
WAH 35	26 mm	20	1064460000
WD 1 25 K KARTE A 6 ST		5	1563900000

Type	current	Qty.	Order No.
WQL 2 WFF70	232 A	5	1065000000
WQL 3 WFF70	232 A	5	1065500000
	Width		
WTW WFF70	2 mm	10	1067200000
WEW 35/1	12 mm	50	1059000000
WAH 70 BE	31 mm	20	1064560000
WD 1 25 K KARTE A 6 ST		5	1563900000

Identification systems	(see assortment in catalogue 7)
	Marking tags

Note

WS 12/6,5

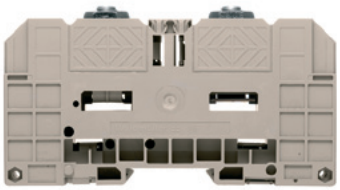
WAH 35 in blue, Order no. 1064480000

WS 12/6,5

WAH 70 in blue, Order no. 1064580000

WFF 120 — 120 mm²

Screw thread M10



38 x 229.5 x 88.5
41 / 150
6...150

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	1000 (C)	600 (C)	275
32	310 (C)	310 (C)	21
4	AWG 10...250	AWG 10...250	4
	6 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U

6...150 mm² /
16...150 mm² /
10

Type	Qty.	Order No.
WFF 120	5	1028500000
WFF 120/AH	4	1029500000
WFF 120 BL	5	1028580000

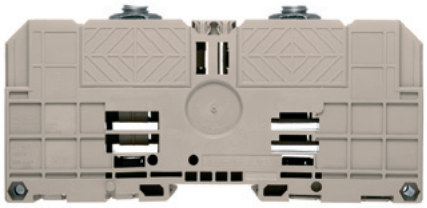
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WFF120	309 A	5	1065100000
WQL 3 WFF120	309 A	5	1065600000
	Width		
WTW WFF120	2 mm	10	1067300000
WEW 35/1	12 mm	50	1059000000
WAH 120	41 mm	20	1064660000
WD 1 25 K KARTE A 6 ST		5	1563900000

WS 12/6,5
WAH 120 in blue, Order no. 1064650000

WFF 185 — 185 mm²

Screw thread M12



55 x 163 x 87
415 / 240
10...240

Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
353	380 (C)	360 (C)	307
185	AWG 8...500	AWG 8...500	185
	8 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U

10...240 mm² /
25...240 mm² /
14

Type	Qty.	Order No.
WFF 185	4	1028600000
WFF 185/AH	2	1029600000
WFF 185 BL	4	1028680000

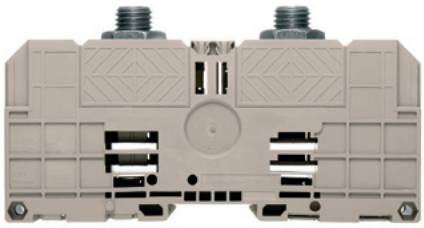
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WFF185	415 A	5	1065200000
WQL 3 WFF185	415 A	5	1065700000
	Width		
WTW WFF185/300	2 mm	10	1067400000
WEW 35/1	12 mm	50	1059000000
WAH 185/300 BE	54 mm	10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000

WS 12/6,5
WAH 185/300 in blue, Order no. 1064780000

WFF 300 — 300 mm²

Screw thread M16



55 x 163 x 94
520 / 300
25...300

Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
520	500 (C)	510 (C)	452
300	AWG 6...600	AWG 6...600	300
	8 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U

25...240 mm² /
50...300 mm² /
25

Type	Qty.	Order No.
WFF 300	4	1028700000
WFF 300/AH	2	1029700000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WFF300	520 A	5	1065300000
WQL 3 WFF300	520 A	5	1065800000
	Width		
WTW WFF185/300	2 mm	10	1067400000
WEW 35/1	12 mm	50	1059000000
WAH 185/300 BE	54 mm	10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000

WS 12/6,5
WAH 185/300 in blue, Order no. 1064780000

Accessories for stud terminals

Potential distribution

The power distribution between neighbouring stud terminals can be achieved simply with the use of 2- and 3-pole cross-connections (see the section under stud terminals). However, a cross-section reduction is required in special cases. These so-called cross-connection lugs are available for thread sizes from M6 to M10 and can be combined as required. This is helpful for power supplies and power distribution, for example.

WQL

Special cross-connection lugs

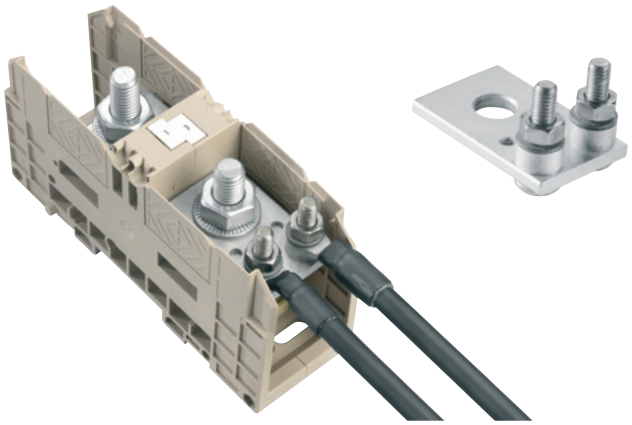
WQL 2 WF 6–10

WQL 3 WF 6–10/2

WQL 2 WF 6/8

Type	Current [A]	Qty.	Order No.	Primary stud connection [M...]	Neighbouring stud connection [M...]
WQL 2 WF 6-10 t = 4 mm	125	5	1806620000	WF 6 = 1 pole M 6	1 x WF 10 = 1 pole M 10
WQL 3 WF 6-10/2 t = 4 mm	125	5	1806640000	WF 6 = 1 pole M 6	2 x WF 10 = 2 poles M 10
WQL 2 WF 6/8 t = 4 mm	125	5	1808980000	WF 6 = 1 pole M 6	1 x WF 8 = 1 pole M 8
WQL 4 WF 8-6/3 t = 4 mm	125	5	1904960000	WF 8 = 1 pole M 8	3 x WF 6 = 3 poles M 6

Potential distribution from stud terminals M10 to 2 x M6



Type	Qty.	Order No.
SMSE WF10/2xM6	10	1868880000

Hole diameter: 10 mm for M10 bolts
Stud terminals: WF 10... and WFF 120
The nominal current depends on the test assembly.

WF

Cross-connections

	Type	Current	Qty.	Order No.
WF 5				
2-pole	WQL WF5	101 A	5	1812710000
3-pole	WQL WF5	101 A	5	1812740000
WF 6				
2-pole	WQL 2 WF6	125 A	5	1780970000
3-pole	WQL 3 WF6	125 A	5	1780980000
WF 8				
2-pole	WQL 2 WF8	150 A	5	1780990000
3-pole	WQL 3 WF8	150 A	5	1781000000
WF 10				
2-pole	WQL 2 WF10	265 A	5	1781010000
3-pole	WQL 3 WF10	265 A	5	1781020000
4-pole	WQL 4 WF10	265 A	5	1027840000
WF 12				
2-pole	WQL 2 WF12	265 A	5	1781030000
3-pole	WQL 3 WF12	265 A	5	1781040000
WF 6/2BZ				
2-pole	WQL 2 WF6	125 A	5	1780970000
3-pole	WQL 3 WF6	125 A	5	1780980000
WF 8/2BZ				
2-pole	WQL 2 WF8	150 A	5	1780990000
3-pole	WQL 3 WF8	150 A	5	1781000000
WF 10/2BZ				
2-pole	WQL 2 WF10	265 A	5	1781010000
3-pole	WQL 3 WF10	265 A	5	1781020000
WFF 35				
2-pole	WQL 2 WFF35	150 A	5	1064900000
3-pole	WQL 3 WFF35	150 A	5	1065400000
WFF 70				
2-pole	WQL 2 WFF70	232 A	5	1065000000
3-pole	WQL 3 WFF70	232 A	5	1065500000
WFF 120				
2-pole	WQL 2 WFF120	309 A	5	1065100000
3-pole	WQL 3 WFF120	309 A	5	1065600000
WFF 185				
2-pole	WQL 2 WFF185	415 A	5	1065200000
3-pole	WQL 3 WFF185	415 A	5	1065700000
WFF 300				
2-pole	WQL 2 WFF300	520 A	5	1065300000
3-pole	WQL 3 WFF300	520 A	5	1065800000

WF-series partitions

Type	Colour	Width	Qty.	Order No.
WTW WF6-WF12	dark beige Wemid	2.5 mm	20	**1781240000**
WTW WF6	dark beige Wemid	2 mm	20	**1781220000**
WTW WF8	dark beige Wemid	2 mm	20	**1780900000**
WTW WF10/WF12	dark beige Wemid	2 mm	20	**1780890000**

WFF-series partitions

Type	Width	Qty.	Order No.
WTW WFF35	2 mm	10	**1067100000**
WTW WFF70	2 mm	10	**1067200000**
WTW WFF120	2 mm	10	**1067300000**
WTW WFF185/300	2 mm	10	**1067400000**

Hood, transparent

Type	Colour	Qty.	Order No.
WAH 35	dark beige Wemid	20	**1064460000**
WAH 70 BE	dark beige Wemid	20	**1064560000**
WAH 120	dark beige Wemid	20	**1064660000**
WAH 185/300 BE	dark beige Wemid	10	**1064760000**

WF-series 2300 V partitions

Type	Colour	Width	Qty.	Order No.
WTW WF6 2300	beige, Epoxy resin	2 mm	20	**1781230000**
WTW WF8 2300	beige, Epoxy resin	2 mm	20	**1780910000**
WTW WF10/WF12 2300	beige, Epoxy resin	2 mm	20	**1780920000**

Warning triangle for power supply terminals

Type	Qty.	Order No.
WD 1 25 K KARTE A 6	5	**1563900000**

Twin stud terminals – ST 4000

ST 4000 (up to 4 kV)

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ST 4000/S M8 — 120 mm²

Screw thread M8

40 x 150 x 84
269 /

ST 4000/S M10 — 120 mm²

Screw thread M10

40 x 150 x 84
269 /
...

Technical data

Rated data with Wemid partition wall		IEC	UL	CSA
Rated voltage	V	4000		
Rated current	A	269		
Rated cross-section	mm²	120		
Rated impulse withstand voltage / Pollution severity			30 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0	
Approvals				
Clamped cable lugs				
Cable lug to DIN 46234		1.5 - 120 mm²		
2 x cable lugs DIN 46 234				
Cable lug to DIN 46235		16...70 mm²		
2 x cable lugs DIN 46 235				
Tightening torque range		6...12 Nm		
Note		Rated voltage when using cable lugs according to DIN 46234		

Rated data with Wemid partition wall		IEC	UL	CSA
Rated voltage	V	4000		
Rated current	A	269		
Rated cross-section	mm²	120		
Rated impulse withstand voltage / Pollution severity			30 kV / 3	
Gauge to IEC 60947-1 / Flammability class UL94			/ V-0	
Approvals				
Clamped cable lugs				
Cable lug to DIN 46234		4 - 120 mm²		
2 x cable lugs DIN 46 234				
Cable lug to DIN 46235				
2 x cable lugs DIN 46 235				
Tightening torque range		10...20 Nm		
Note		Rated voltage when using cable lugs according to DIN 46234		

Ordering data

Version	Type	Qty.	Order No.
red	ST 4000/S M8	25	1809110000
with internal thread	ST 4000/S M8 F	25	1809120000
Note	Weidmüller creates drawings according to the customer specified ST 4000 application.		

Version	Type	Qty.	Order No.
red	ST 4000/S M10	25	1809130000
with internal thread	ST 4000/S M10 F	25	1809140000
Note	Weidmüller creates drawings according to the customer specified ST 4000 application.		

Accessories

Cross-connection	Type	current	Qty.	Order No.
2-pole	ST 4000/S J2 M8		100	1809310000
3-pole	ST 4000/S J3 M8		50	1809320000
4-pole				
Busbar		**Width**		
M8 / 4 mm thick	ST 4000/S CB M8/4		100	1809250000
M10 / 4 mm thick				
M10 / 6 mm thick				
M12 / 4 mm thick				
M12 / 6 mm thick				
Connecting piece				
130 mm length	ST 4000/S C130		50	1809230000
160 mm length				
Partition plate				
150 mm length	ST 4000/S P150	10 mm	50	1809190000
180 mm length				
End partition				
150 mm length	ST 4000/S E150	10 mm	50	1809210000
180 mm length				
Touch-safe protection				
150 mm length	ST 4000/S S150		20	1809470000
180 mm length				
(see assortment in catalogue 7)				
Note				

Cross-connection	Type	current	Qty.	Order No.
2-pole	ST 4000/S J2 M10		100	1809340000
3-pole	ST 4000/S J3 M10		50	1809350000
4-pole	ST 4000/S J4 M10		25	1809360000
Busbar		**Width**		
M8 / 4 mm thick				
M10 / 4 mm thick	ST 4000/S CB M10/4		100	1809260000
M10 / 6 mm thick	ST 4000/S CB M10/6		100	1809270000
M12 / 4 mm thick				
M12 / 6 mm thick				
Connecting piece				
130 mm length	ST 4000/S C130		50	1809230000
160 mm length				
Partition plate				
150 mm length	ST 4000/S P150	10 mm	50	1809190000
180 mm length				
End partition				
150 mm length	ST 4000/S E150	10 mm	50	1809210000
180 mm length				
Touch-safe protection				
150 mm length	ST 4000/S S150		20	1809470000
180 mm length				

ST 4000/L M10 — 150 mm²

Screw thread M10

55 x 180 x 90
309 /
...

IEC	UL	CSA
4000		
309		
150		
	29.5 kV / 3	
	/ V-0	
10 - 150 mm²		
25 - 150 mm²		
10...20 Nm		

Rated voltage when using cable lugs according to DIN 46234

Type	Qty.	Order No.
ST 4000/L M10	15	**1809150000**
ST 4000/L M10 F	15	**1809160000**

Weidmüller creates drawings according to the customer specified ST 4000 application.

Type	current	Qty.	Order No.
ST 4000/L J2 M10		50	**1809370000**
ST 4000/L J4 M10		25	**1809390000**
	Width		
ST 4000/L CB M10/4		100	**1809280000**
ST 4000/L C160		50	**1809240000**
ST 4000/L P180	10 mm	50	**1809200000**
ST 4000/L E180	10 mm	50	**1809220000**
ST 4000/L S180		1	**1809480000**

ST 4000/L M12 — 240 mm²

Screw thread M12

55 x 180 x 90
415 /
...

IEC	UL	CSA
4000		
415		
240		
	29.5 kV / 3	
	/ V-0	
10...240 mm²		
25...240 mm²		
14...31 Nm		

Rated voltage when using cable lugs according to DIN 46234

Type	Qty.	Order No.
ST 4000/L M12	15	**1809170000**
ST 4000/L M12 F	15	**1809180000**

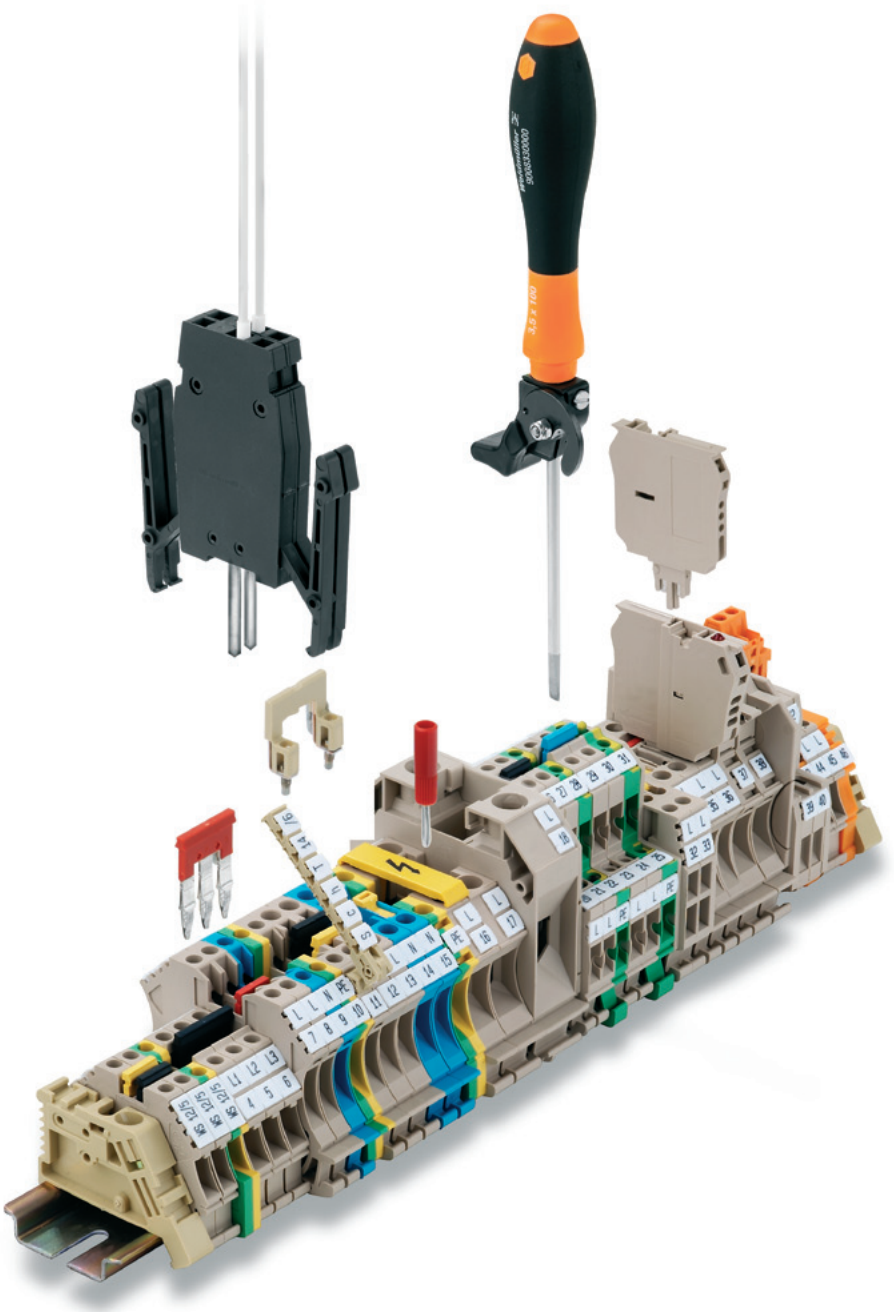
Weidmüller creates drawings according to the customer specified ST 4000 application.

Type	current	Qty.	Order No.
ST 4000/L J2 M12		50	**1809400000**
ST 4000/L J3 M12		50	**1809410000**
ST 4000/L J4 M12		25	**1809420000**
	Width		
ST 4000/L CB M12/4		100	**1809290000**
ST 4000/L CB M12/6		100	**1809300000**
ST 4000/L C160		50	**1809240000**
ST 4000/L P180	10 mm	50	**1809200000**
ST 4000/L E180	10 mm	50	**1809220000**
ST 4000/L S180		1	**1809480000**

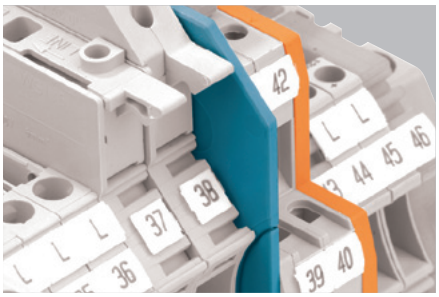
For assembly planning and accessories, please contact our customer-specific solutions division. Also see Chapter V – Weidmüller Solutions & Services.

Extra functions

Weidmüller offers the user of W-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions.
All Weidmüller accessories are built to the same high quality standards as the terminals themselves.

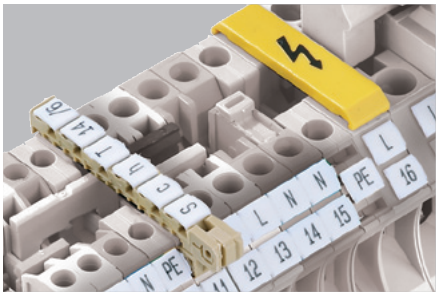


Visual separation – Side covers
Page D.156



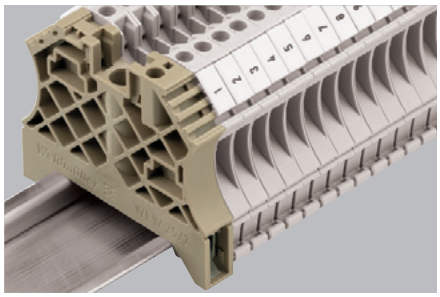
To guarantee “finger-safe” use of terminals, the open sides are covered with end plates and partition plates to prevent any contact with conducting parts.
End plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

Labelling Page D.176



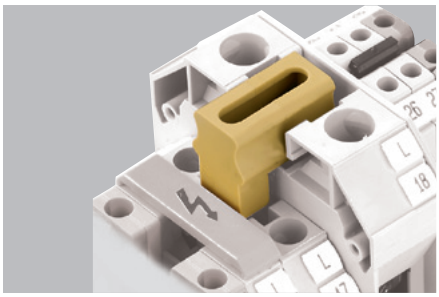
Weidmüller’s labelling systems in **chapter F** are used to label screw terminals.
Individual clamping points, terminal groups and conductors can be marked. The cover (WAD) can also be used for labelling mains supply points (see page **D.168**)

Fastening Chapter F



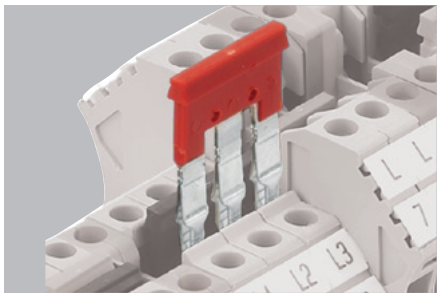
An end bracket is fitted on the terminal rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter F**.

Power supply Page D.160



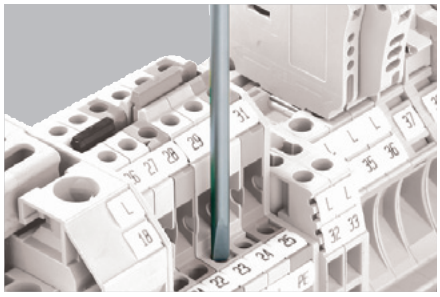
For the W-Series, power is supplied via standard terminals in conjunction with a special cross-connection, which directly connects terminals for larger and smaller cross-sections (the picture shows WDU 35 on WDU 4).
It is possible to form a link to screw-in cross-connections of smaller cross-sections (WQV 2.5/4/6). This extends current distribution to any number of other terminals of the smaller cross-section.

Current distribution Page D.164



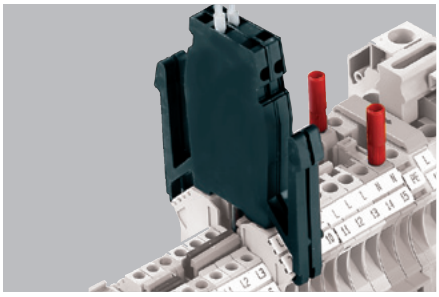
A screw-in and a plug-in cross-connection system is available for Weidmüller screw terminals. The plug-in **cross-connection (ZQV)** for screw terminals is unique. It enables considerable reductions in assembly times. The plug-in cross-connections can be used for nearly all W-Series terminals in the cross-section ranges 2.5 and 4 mm^2.

Connecting Chapter F



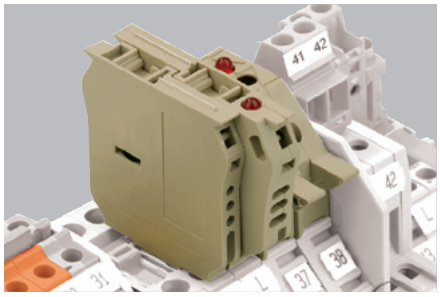
Conductors are connected into Weidmüller terminals using standard screwdrivers, as shown in **chapter F**,

Testing / checking Page D.173



The slot-in test adapter (WTA) is used as both a single unit and a test adapter strip for measurement in control cabinets.
The test adapter is ideal for convenient, rational testing of assembled terminals. However, tests with socket and test plugs are are also possible (Page D.173).

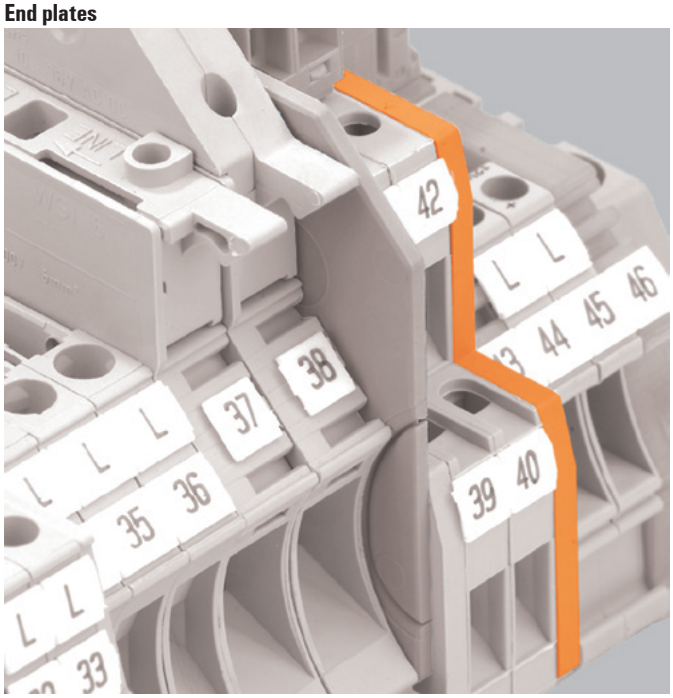
Specific functions / colour variations Page D.177



Further helpful accessories are available for terminals using screw clamp technology, such as:

- Pluggable fuse holder (SIHA 1 and SIHA 2)
- Screen plug (LS), short-cir. plug (WDS)
- Extension connectors (WZAD)
- PEN bridges
- Accessories for disconnect test terminals
- Terminals in various colours
- Pre-fitted **terminal blocks**

End plates



Touch protection

With only a few exceptions, the last terminal in a terminal strip must be closed off with a WAP/AP-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures the touch-safe requirement is met for live voltage components. The terminals are touch-safe (DIN EN 50274).

Optical separation

Coloured end plates are frequently used for distinguishing the circuits visually.

Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

Contour matching

The overall dimensions of the end plates match the external dimensions of the associated terminal.

Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours. All colour variations are classified according to UL94 V-0.

Ordering data

Type Width	Colour	Qty.	Order No.	For terminal:
WAP 2.5-10	dark beige	50	**1050000000**	WDU 1.5/ZZ
WAP 2.5-10 BL	blue/light blue	50	**1050080000**	WDU 1.5/ZZ BL
WAP 2.5-10 BR	brown	50	**1050070000**	WDU 10
WAP 2.5-10 GE	yellow	50	**1050020000**	WDU 10 BL
WAP 2.5-10 GN	green	50	**1072200000**	WDU 10 SL
WAP 2.5-10 GR	grey	50	**1050050000**	WDU 10 SL/EN
WAP 2.5-10 OR	orange	50	**1050060000**	WDU 10 SL/EN SW
WAP 2.5-10 RT	red	50	**1050040000**	WDU 2.5
WAP 2.5-10 SW	black	50	**1050010000**	WDU 2.5 BL
WAP 2.5-10 VI	violet	50	**1072210000**	WDU 2.5 F 2X2.8
WAP 2.5-10 WS	white	50	**1050090000**	WDU 2.5 FF 2*2.8
WAP 2.5-10/0.5 mm	transparent	50	**1966380000**	WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 2.5/TC Type B
				WDU 2.5/TC Type E
				WDU 2.5/TC Type J
				WDU 2.5/TC Type K
				WDU 2.5/TC Type N
				WDU 2.5/TC Type SR
				WDU 2.5/TC Type T
				WDU 4
				WDU 4 BL
				WDU 4 SL
				WDU 4 SL/EN
				WDU 4 SL/EN SW
				WDU 6
				WDU 6 BL
				WDU 6 SL
				WDU 6 SL/EN
				WDU 6 SL/EN SW
				WDUL 4 100R/0.75W POTI
				WDUL 4 10K/0,75W POTI
				WDUL 4 10R/0,75W POTI
				WDUL 4 1K/0,75W POTI
				WDUL 4 500K/0,1W POTI
				WDUL 4 500R/0,75W POTI
				WDUL 4 50K/0,75W POTI
				WDUL 4 5K/0,75W
				WDUL 4 OHNE POTI
				WNT 10 10X3
				WNT 10 10X3 BE
				WNT 2.5 10X3
				WNT 2.5 10X3 BE
				WNT 4 10X3
				WNT 4 10X3 BE
				WNT 6 10X3
				WNT 6 10X3 BE
				WPE 1.5/ZZ
				WPE 10
				WPE 2.5

Ordering data

Type	Colour	Qty.	Order No.	For terminal:
Width				
WAP 16+35 WTW 2.5-10	dark beige	20	**1050100000**	WDK 2.5 / 800V
WAP 16+35 WTW 2.5-10 BL	blue/light blue	20	**1050180000**	WDK 2.5 FF
WAP 16+35 WTW 2.5-10 OR	orange	20	**1050160000**	WDU 1.5/ZZ
				WDU 1.5/ZZ BL
				WDU 10
				WDU 10 BL
				WDU 10 SL
				WDU 10 SL/EN
				WDU 10 SL/EN SW
				WDU 10/ZR
				WDU 10/ZR BL
				WDU 16/ZA
				WDU 16/ZA BL
				WDU 2.5
				WDU 2.5 BL
				WDU 2.5 F 2X2.8
				WDU 2.5 FF 2X2.8
				WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 2.5/TC Type B
				WDU 2.5/TC Type E
				WDU 2.5/TC Type J
				WDU 2.5/TC Type K
				WDU 2.5/TC Type N
				WDU 2.5/TC Type SR
				WDU 2.5/TC Type T
				WDU 2.5N/600 UL
				WDU 35/IK/ZA
				WDU 4
				WDU 4 BL
				WDU 4 SL
				WDU 4 SL/EN
				WDU 4 SL/EN SW
				WDU 6
				WDU 6 BL
				WDU 6 SL
				WDU 6 SL/EN
				WDU 6 SL/EN SW
				WDUL 4 100R/0.75W POTI
				WDUL 4 10K/0,75W POTI
				WDUL 4 10R/0,75W POTI
				WDUL 4 1K/0,75W POTI
				WDUL 4 500K/0,1W POTI
				WDUL 4 500R/0,75W POTI
				WDUL 4 50K/0,75W POTI
				WDUL 4 5K/0,75W
				WDUL 4 OHNE POTI
				WPE 1.5/ZZ
				WPE 10
				WSI 6
Width				
WAP WDK2.5	dark beige	20	**1059100000**	WDK 2.5
WAP WDK2.5 BL	blue/light blue	20	**1059180000**	WDK 2.5 DU-PE
WAP WDK2.5 GN	green	20	**1059140000**	WDK 2.5 F
				WDK 2.5 F BL
				WDK 2.5 FF
				WDK 2.5 FV
				WDK 2.5 LD GR 1R 24VDC
				WDK 2.5 LD GR 1R 24VDC
				WDK 2.5 LD ROT 1R 24VDC
				WDK 2.5 LD ROT 1R 24VDC
				WDK 2.5 PE
				WDK 2.5 / 800V
				WDK 2.5 ZQV
				WDK 2.5 ZQV BL
				WDK 2.5/D
				WDK 2.5V
				WDK 2.5V BL
				WDK 2.5 1D A.1
				WDK 2.5 1D A.2
				WDK 2.5 2D
				WDK 2.5 2D
				WDK 2.5 2D
				WDK 2.5 BL
				WDK 2.5 D

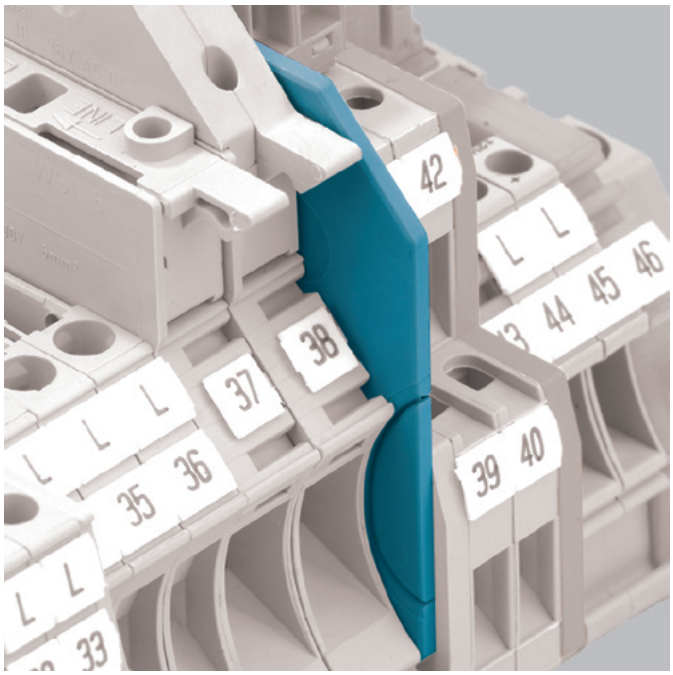
Ordering data

Type	Colour	Qty.	Order No.	For terminal:
Width				
WAP WTR2.5/ZZ	dark beige	20	**1074600000**	WTR 2.5/ZZ
WAP WTR2.5/ZZ BL	blue/light blue	20	**1074680000**	WTR 2.5/ZZ BL
WAP WDK2.5/BLZ/0.ZA LG	light grey	20	**1112130000**	
Width				
WAP WDU/WTR4/ZR	dark beige	50	**1905070000**	WDU 4/ZR
WAP WDU/WTR4/ZZ	dark beige	50	**1905150000**	WDU 4/ZZ
				WPE 4/ZR
				WPE 4/ZZ
				WTR 4/ZR
				WTR 4/ZR STB
				WTR 4/ZZ
				WTR 4/ZZ STB
Width				
WAP WDL2.5/S	dark beige	20	**1067700000**	WDL 2.5/S/L
				WDL 2.5/S/L/L
				WDL 2.5/S/L/L/PE
				WDL 2.5/S/N/L/PE
				WDL 2.5/S/NT/L/PE
Width				
WAP WDL2.5	beige	20	**1067800000**	WDL 2.5/L
				WDL 2.5/L/L
				WDL 2.5/L/L/PE
				WDL 2.5/N/L/PE
				WDL 2.5/NT/L/PE
Width				
WAP WDU1.5/BLZ	dark beige	50	**1577330000**	WDU 1.5/BLZ 5.08
WAP WDU1.5/BLZ/ZA	dark beige	50	**1577320000**	WDU 1.5/ZQV/BLZ 5.08
				WDU 2.5/BLZ/7.62
Width				
WAP WDK2.5/BLZ/M.ZA	blue	20	**1070100000**	WDK 2.5 BLZ/5.08/ZA
WAP WDK2.5/BLZ/0.ZA	dark beige	20	**1070000000**	WDK 2.5 BLZ/7.62/ZA
Width				
AP DLI2.5 DB	dark beige	20	**1783550000**	DLA 2.5 DB
				DLA 2.5/D DB
				DLA 2.5/LD-GN/D DB
				DLA 2.5/LD-RT DB
				DLI 2,5 DB
				DLI 2.5/LD-GN/NPN -+ DB
				DLI 2.5/LD-GN/PNP +- DB
				DLI 2.5/LD-RT/NPN -+ DB
				DLI 2.5/LD-RT/PNP +- DB
Width				
AP DLD2.5 DB	dark beige	20	**1784210000**	DLD 2.5 DB
AP DLD2.5/PE DB	dark beige	20	**1783800000**	DLD 2.5/PE DB
Width				
WAP WTL6/1	dark beige	20	**1068300000**	WTD 6/1 EN
				WTL 6/1 EN
				WTL 6/1 EN STB
				WTL 6/1/STB/TNSC/EN
				WTQ 6/1 EN
				WTQ 6/1 EN STB
Width				
ZAP/TW 1	dark beige	50	**1608740000**	WTL 4
ZAP/TW 1 BL	blue/light blue	50	**1608750000**	WTL 4/STB
ZAP/TW 1 GN	green	50	**1683680000**	
ZAP/TW 1 GR	grey	50	**1683710000**	
ZAP/TW 1 OR	orange	50	**1608760000**	
ZAP/TW 1 RT	red	50	**1683660000**	
Width				
WAP WDU1.5/R3.5	beige	20	**1754190000**	WDK 1.5/R3.5
				WDK 1.5/R3.5 BL
				WDU 1.5/R3.5
				WDU 1.5/R3.5 BL
				WPE 1.5/R3.5
Width				
WAP WDK1.5/R3.5	dark beige	20	**1754200000**	WDK 1.5/R3.5
				WDK 1.5/R3.5 BL
Width				
AP AKZ1.5	beige	50	**0340560000**	AKZ 1.5
AP AKZ1.5 BL	blue	50	**0340580000**	AKZ 1.5 BL
Width				
AP AKZ2.5	beige	50	**0697360000**	AKZ 2.5
AP AKZ2.5 BL	blue	50	**0697380000**	AKZ 2.5 BL

Ordering data

Type	Colour	Qty.	Order No.	For terminal:
Width				
ADL	beige	2	**0210800000**	AKZ 4
AP AKZ4 DB	beige	20	**9537910000**	AKZ 4 BL
AP 100 GR	grey	20	**1773410000**	
AP AKZ4	beige	20	**0294460000**	
AP AKZ4 BL	blue	20	**0294480000**	
AP AKZ4 KRG	dark beige/yellow	20	**0294420000**	
AP AKZ4 KRS	anthrazcite	20	**0294430000**	
Width				
WAP WDU2.5N/4N	dark beige	50	**1060000000**	WDU 2.5N
WAP WDU2.5N/4N BL	blue/light blue	50	**1060080000**	WDU 2.5N BL
WAP WDU2.5N/4N GE	yellow	50	**1060090000**	WDU 2.5N ZQV
WAP WDU2.5N/4N OR	orange	50	**1060060000**	WDU 2.5N ZQV BL
				WDU 4N
				WDU 4N BL
				WPE 2.5N
				WPE 4N
Width				
WAP WDK2.5/4 N	dark beige	20	**1084000000**	WDK 2.5N
WAP WDK2.5/4 N BL	orange	20	**1084080000**	WDK 4N V
				WDK 2.5N DU-PE
				WDK 2.5N PE
				WDK 2.5N V
				WDK 2.5N/BL
				WDK 4N
				WDK 4N BL
				WDK 4N DU-PE
				WDK 4N PE
Width				
WAP WTL6/3	beige	20	**1879910000**	WTL 6/3
Width				
WAP WTL 6 SL	beige	20	**9538110000**	WTD 6 SL
				WTD 6 SL/EN
				WTL 6 SL
				WTL 6 SL/EN
				WTL 6 SL/EN SW
Width				
WAP WTL4/2	beige	50	**1881640000**	WTL 4/2/STB
Width				
WAP WTL6/4FF	beige	20	**1887240000**	WTL 6/4FF
Width				
WAP WSI4/2	beige	50	**1880450000**	WSI 4
				WSI 4/LD 60-150V AC/DC
				WSI 4/2
				WSI 4/2/LD 10-36V AC/DC
				WSI 4/2/LD 140-250V AC/DC
				WSI 4/2/LD 30-70V AC/DC
				WSI 4/2/LD 60-150V AC/DC
				WSI 4/LD 10-36V AC/DC
				WSI 4/LD 140-250V AC/DC
				WSI 4/LD 30-70V AC/DC
Width				
AP VLI1.5 DB	dark beige	20	**1784150000**	VLI 1.5
AP VLI1.5/PE DB	dark beige	20	**1784160000**	VLI 1.5 DB
				VLI 1.5/PE
				VLI 1.5/PE DB
Width				
AP MAK2.5 DB	dark beige	20	**7917000000**	MAK 2.5
				MAK 2.5 DB
Width				
WAP WFF120	dark beige	20	**1073000000**	WFF 120
WAP WFF35	dark beige	20	**1069700000**	WFF 70/AH
WAP WFF70	dark beige	20	**1069800000**	WFF 120 BL
				WFF 120/3/B
				WFF 120/AH
				WFF 35
				WFF 35 BL
				WFF 35/AH
				WFF 70
				WFF 70 BL

Partition walls



Ensuring the operating voltage

The main function of the partitions is to maintain the clearance and creepage distances, as required by the operating voltage. This includes applications with higher security levels (ATEX) or neighbouring groups of cross-connections. For this reason, the partitions are significantly larger than the corresponding terminals.

Optical separation

The partitions can be used to achieve a very clear separation of circuits on one terminal strip.

Dimensions

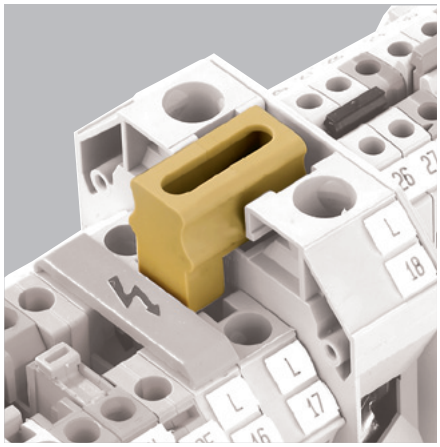
WAP 16+35 WTW 2.5-10
Length: 60 mm
Height with TS 35 x 7.5: 63 mm

WTW EN
Length: 86 mm
Height with TS 35 x 7.5: 63 mm

Ordering data

Type Width	Colour	Qty.	Order No.	For terminal:
WAP 16+35 WTW 2.5-10	dark beige	20	**1050100000**	WDK 2.5 / 800V
WAP 16+35 WTW 2.5-10 BL	blue/light blue	20	**1050180000**	WDK 2.5 FF
WAP 16+35 WTW 2.5-10 OR	orange	20	**1050160000**	WDU 1.5/ZZ
				WDU 1.5/ZZ BL
				WDU 10
				WDU 10 BL
				WDU 10 SL
				WDU 10 SL/EN
				WDU 10 SL/EN SW
				WDU 10/ZR
				WDU 10/ZR BL
				WDU 16/ZA
				WDU 16/ZA BL
				WDU 2.5
				WDU 2.5 BL
				WDU 2.5 F 2X2.8
				WDU 2.5 FF 2*2.8
				WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 2.5/TC Type B
				WDU 2.5/TC Type E
				WDU 2.5/TC Type J
				WDU 2.5/TC Type K
				WDU 2.5/TC Type N
				WDU 2.5/TC Type SR
				WDU 2.5/TC Type T
				WDU 2.5N/600 UL
				WDU 35/IK/ZA
				WDU 4
				WDU 4 BL
				WDU 4 SL
				WDU 4 SL/EN
				WDU 4 SL/EN SW
				WDU 6
				WDU 6 BL
				WDU 6 SL
				WDU 6 SL/EN
				WDU 6 SL/EN SW
				WDUL 4 100R/0.75W POTI
				WDUL 4 10K/0,75W POTI
				WDUL 4 10R/0,75W POTI
				WDUL 4 1K/0,75W POTI
				WDUL 4 500K/0,1W POTI
				WDUL 4 500R/0,75W POTI
				WDUL 4 50K/0,75W POTI
				WDUL 4 5K/0,75W
				WDUL 4 OHNE POTI
				WPE 1.5/ZZ
				WPE 10
				WSI 6
Width				
WTW EN	dark beige	20	**1058800000**	SAKS 2/35 DB
				WDK 2.5N DU-PE
				WDK 2.5N PE
				WDK 2.5N V
				WDK 2.5N/BL
				WDK 2.5V
				WDK 2.5V BL
				WDK 4N PE
				WDU 16N
				WDU 16N BL
				WDU 35N
				SAKS 4/35 DB
				WDU 35N BL
				WTD 6 SL
				WTD 6 SL/EN
				WTL 6 SL
				WTL 6 SL/EN
				WTL 6 SL/EN SW
				SAKS 5/35 DB
				WDK 2.5
				WDK 2.5 BL
				WDK 2.5 DU-PE
				WDK 2.5 ZQV
				WDK 2.5 ZQV BL
				WDK 2.5N

Potential supply with cross-section reduction



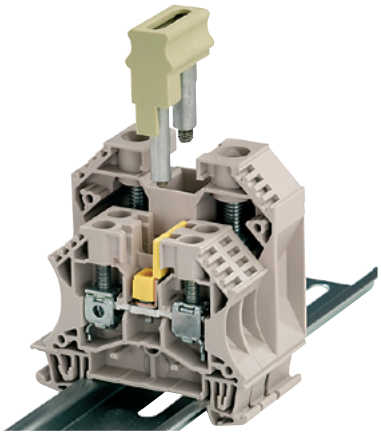
Feed-through terminals such as WDU 35 or WDU 16 are responsible for power supply in the W-Series. The current is routed by the cross-connections shown to terminals of a smaller cross-section (cross-section reduction). After cross-section reduction, the supply can then be distributed on to any number of terminals of this same cross-section, using standard cross-connectors.

Function

- Larger conductor cross-section can be used for power supply
- Central current supply and distribution to any number of circuits

Mounting

First, prepare the **standard cross-connection** that is to distribute the current to other terminals of smaller conductor cross-section. To do so, break off the plastic screwdriver guide at the first pole of the cross-connection by bending it back and forth at the intended break-off point, and remove the fixing screw. Then place the cross-connection in the middle of the terminal.



Now insert the **cross-connection for cross-section reduction** so that there is an overlap of the live parts of the first terminal of the smaller cross-section. Fasten with the screws in the cross-section reduction.

Important! The “QL” cross-section reductions are not finger-safe. This can be easily remedied by using the WAD covers for the corresponding terminals.

Potential supply with cross-section reduction

Power supply via

Output terminal

WDU 35

onto WDU 2.5

Technical data		to WDU 35	to WDU 2.5
Continuous current 2-pole	A	41	
Thread size		M 4	M 2.5
Tightening torque	Nm	1.2 ... 1.8	0.4 ... 0.7
Ordering data		**Type**	**Qty.** **Order No.**
	2-pole	WQV 35-2.5	10 **1064100000**

WDU 35

onto WDU 10

to WDU 35	to WDU 10
57	
M 4	M 3
1.2 ... 1.8	0.5 ... 0.8
Type	**Qty.** **Order No.**
WQV 35-10	10 **1068000000**

Power supply via

Output terminal

WDU 16

WDU 2.5

Technical data		to WDU 16	to WDU 2.5
Continuous current 2-pole	A	41	
Thread size		M 4	M 2.5
Tightening torque	Nm	1.2 ... 1.8	0.4 ... 0.7
Ordering data		**Type**	**Qty.** **Order No.**
	2-pole	WQV 16-2.5	10 **1063900000**

Power supply via

Output terminal

WDU 10

WDU 2.5

Technical data		to WDU 10	to WDU 2.5
Continuous current 2-pole	A	24	
Thread size		M 3	M 2.5
Tightening torque	Nm	0.5 ... 0.8	0.4 ... 0.7
Ordering data		**Type**	**Qty.** **Order No.**
	2-pole	QL 10-2.5	10 **1859620000**
Note		not finger-safe	

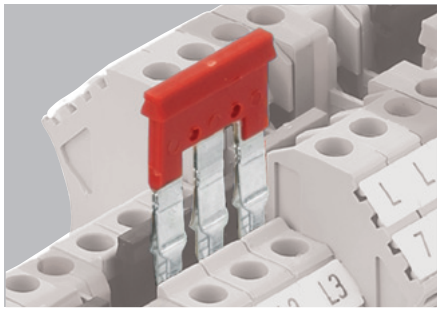
Note:
Cross-section reducing cross-connectors may **not** be used in ATEX applications.

Potential supply with cross-section reduction

Power supply via	WDU 16N	WDU 16N	WDU 6
Output terminal	WDU 2.5	WDU 4 / WDU 6	WDU 2.5
Technical data			
Continuous current 2-pole A	24	41	24
Thread size	M 3 / M 2.5	M 3 / M 3	M 3 / M 2.5
Tightening torque Nm	0.5 ... 0.8 / 0.4 ... 0.7	0.5 ... 0.8 / 0.5 ... 0.8	0.5 ... 0.8 / 0.4 ... 0.7
Ordering data			
2-pole	WQV 16N-2.5 / 10 / **1073100000**	WQV 16N-4/6 / 10 / **1072500000**	Q WDU6-2.5 SET / 10 / **1859600000**
Note			not finger-safe

Note:
Cross-section reducing cross-connectors may **not** be used in ATEX applications.

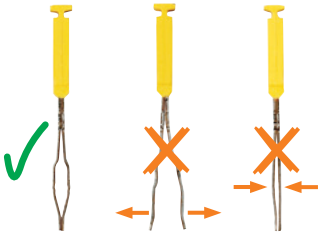
ZQV plug-in cross-connection



Weidmüller is the leading manufacturer of plug-in cross connection systems for screw clamp terminals. The plug-in cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions. This also ensures that all poles remain securely in contact.

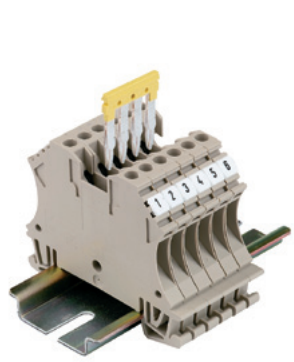
Assembly / Technical information

- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connection must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.
- Finger-safe to VDE 0160 part 100 (VGB4)
- Reduced rated voltage 400 V
- Different colours can be used to mark different potential
- **Important!** The contact elements must not be deformed

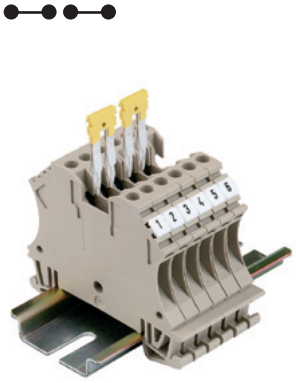


In one cross-connection channel

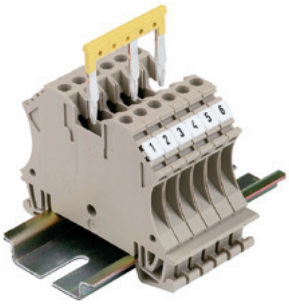
single



adjacent

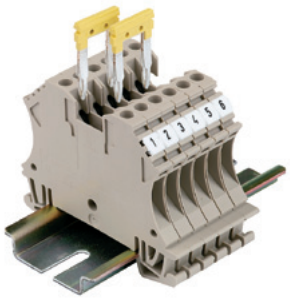


bridging

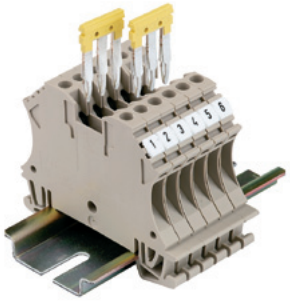


In two cross-connection channels

parallel/bridging



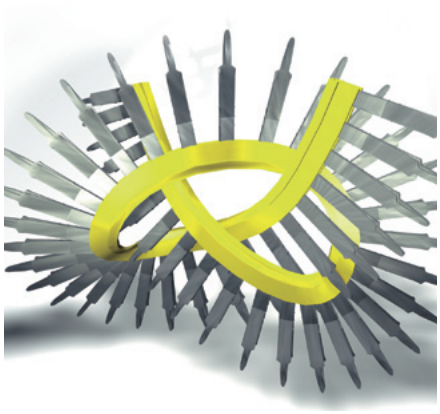
parallel/lengthening

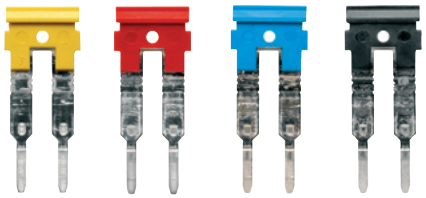


Possible cross-connections of terminals of the same type with corresponding cross-connectors

Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDK 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDU 2.5/1.5/ZR	ZQV 2.5N	•	•	•	•	•
WDU 2.5	ZQV 2.5N	•	•	•	•	•
WDK 2.5 ZQV	ZQV 2.5N	•	•	•		
WTR 2.5/ZZ	ZQV 2.5	•	•	•		
WDU 4	ZQV 4N	•	•	•	•	•
WTR 4...	ZQV 4N	•	•	•		
WDU/PE/4ZZ/ZR	ZQV 4N	•	•	•	•	•
WTR 4/ZZ/ZR	ZQV 4N	•	•	•		
Compact						
WDU 2.5N ZQV	ZQV 2.5N	•	•	•	•	•
WDK 2.5N...	ZQV 2.5N	•	•	•		
WDK 2.5N PE	ZQV 2.5N	•	•	•		
WDU 4N	ZQV 4N	•	•	•	•	•
WDK 4N...	ZQV 4N	•	•	•		
WDK 4N PE	ZQV 4N	•	•	•		

ZQV 2.5N





No. of poles
2
3
4
5
6
7
8
9
10
20

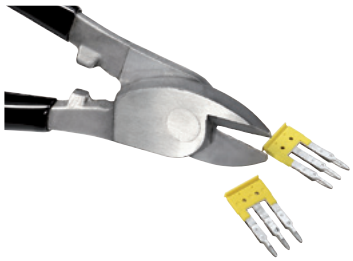
Type	I [A]	Qty.	Order No. yellow	Order No. red	Order No. blue	Order No. black
ZQV 2.5N/2	24	60	1693800000	1717900000	1717990000	1718080000
ZQV 2.5N/3	24	60	1693810000	1717910000	1718000000	1718090000
ZQV 2.5N/4	24	60	1693820000	1717920000	1718010000	1718100000
ZQV 2.5N/5	24	20	1693830000	1717930000	1718020000	1718110000
ZQV 2.5N/6	24	20	1693840000	1717940000	1718030000	1718120000
ZQV 2.5N/7	24	20	1693850000	1717950000	1718040000	1718130000
ZQV 2.5N/8	24	20	1693860000	1717960000	1718050000	1718140000
ZQV 2.5N/9	24	20	1693870000	1717970000	1718060000	1718150000
ZQV 2.5N/10	24	20	1693880000	1717980000	1718070000	1718160000
ZQV 2.5N/20	24	20	1909000000	1909110000	1909140000	1909130000

For terminal standard	compact
WDU 2.5/1.5 ZR	WDU 2.5N
WDU 2.5	WDK 2.5N
WDK 2.5/ ZQV	WDK 2.5N V
WDU 1.5 BLZ 5.08/ ZQV	WDK 2.5N DU-PE
	WMF 2.5...

Continuous cross-connection

ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV – 9002170000) to produce customised configurations with the required number of poles.

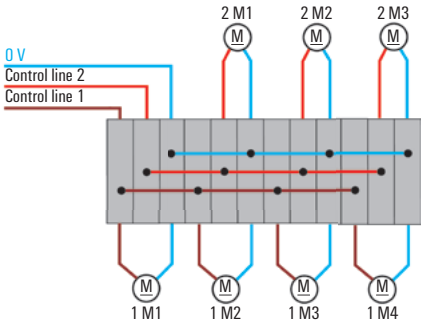
More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.



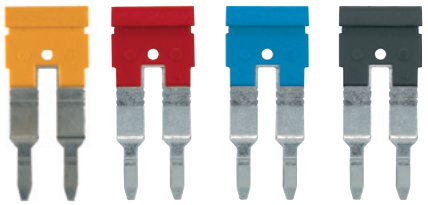
Special features of

WDU 2.5, WDU 4 und WDU 2.5/1.5/ZR

- Parallel distribution of 3 potentials
  Important! Rated voltage reduced to 125 V!
- Parallel distribution of 2 potentials
  Important! Only when using the outer cross-connection holes at 400 V
- The middle cross-connection hole can be used for either ZQV or WQV



Important! For shortened ZQV located adjacent to each other (with bare cut edges), end plates or partition plates are necessary for rated voltage of 250 V.

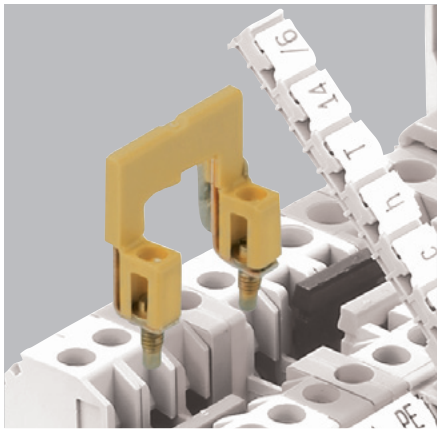


No. of poles
2
3
4
5
6
7
8
9
10
20

Type	I [A]	Qty.	Order No. yellow	Order No. red	Order No. blue	Order No. black
ZQV 4N/2	32	60	1758250000	1793950000	1793960000	1793970000
ZQV 4N/3	32	60	1762630000	1793980000	1793990000	1794000000
ZQV 4N/4	32	60	1762620000	1794010000	1794020000	1794030000
ZQV 4N/10	32	20	1758260000	1794040000	1794050000	1794060000
ZQV 4N/20	32	20	1909020000	1909150000	1909100000	1909120000

For terminal standard	compact
WDU 4	WDU 4N
WTR 4	WDK 4N
WTR 4 SI	WDK 4N V
WTR 4 SL	WDK 4N DU-PE
WTR 4/ZZ+ZR	WDK 2.5N V
WDU/PE4/ZZ+ZR	WDK 2.5N DU-PE

WQV screw-in cross-connection



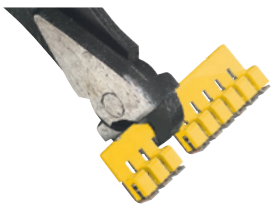
Thanks to the many possible ways in which the WQV cross-connection system can be used – break-out of individual layers, creation of any number of poles or running of two voltages parallel to one another – individual modules can be realised very easily!

Technical instructions

- The full rated current of the terminals can be routed across any number of poles.
- No end plates or partition plates needed for adjacent WQV up to 400 V.

Assembly

- Place the WQV in the cross-connection channel in the middle of the terminal and screw tight.
- Individual WQV segments can be broken out by bending over or using the WAW1 tool (9004500000). It is then possible to bridge individual or several terminals.

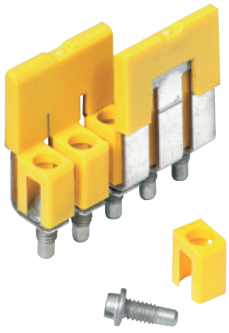


- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.

Any number of poles (extending)
Pre-fitted cross-connections can be set one after the other to produce any required number of poles.
To do so, arrange the last and first contact points of two identical WQVs so that they overlap.

- First, remove the fixing screw and screwdriver guide (insulated part) at one of the outer contact points of one of the WQVs.

- Then insert the WQV without fixing screw and insulated part. At the same time, insert an unmodified WQV in parallel so as to produce an overlap at the connection. The connection is screwed tight using the fixing screw of the unmodified WQV.

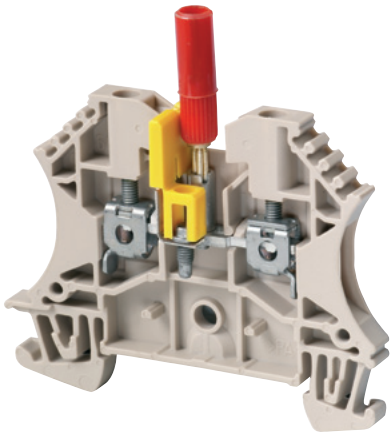


Routing 2 potentials in parallel

- In spite of only having 1 channel, the QV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (page D.167).

WQV in combination with a socket contact and test plug

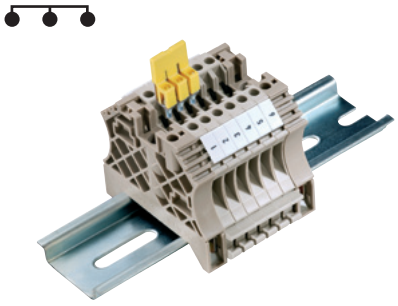
- Remove the fixing screw and insulation part of the WQV. Screw the socket in at this point. This now makes it possible to integrate a safe test point.



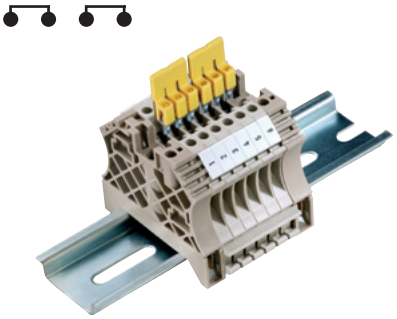
Potential distribution – possible combinations

In one cross-connection channel

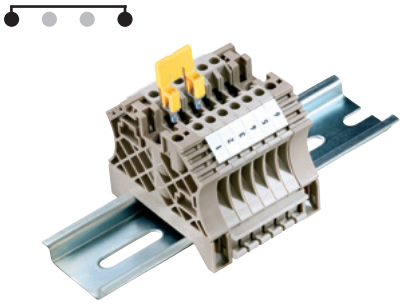
single



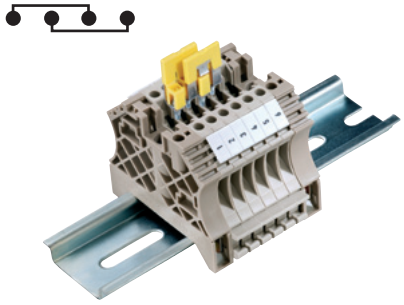
adjacent



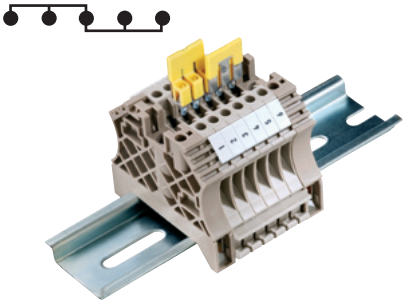
bridging



parallel/bridging



parallel/lengthening



Possible cross-connections of terminals of the same type with appropriate cross-connectors

Terminal type Standard	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
WDU 1.5/ZZ	WQV 2.5	•	•	•	•	•
WDU 1.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5/1.5/ZR	WQV 2.5	•	•	•	•	•
WDU 2.5 - WDU 35	WQV 2.5 - WQV 35	•	•	•	•	•
WDK 2.5...	WQV 2.5	•	•	•	•	•
WDK 2.5 PE	WQV 2.5	•	•	•	•	•
WDU 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDK 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5 F...	WQV 2.5	•	•	•	•	•
WDK 2.5 F...	WQV 2.5	•	•	•	•	•
WDU 4... - WDU 35...	WQV 4 - WQV 35	•	•	•	•	•
WDU 70/95	WQV 70/95	•	•			
WDU 120/150	WQV 120/150	•	•			
WDU 240	WQB 240	•	•			
Compact						
WDU 2.5N	WQV 2.5	•	•	•	•	•
WDU 2.5N 600V	WQV 2.5	•	•	•	•	•
WDU 16N	WQV 16N	•	•	•	•	•
WDU 35N	WQV 35N	•	•			
WDU 50N	WQV 50N	•	•			
WDU 70N	WQV 70N	•	•			
WDU 95N/120N	WQV 95N/120N	•	•			

WQV 2.5

Technical data		
Current	A	32 / 32
Type of fixing		Screwed
Pitch	mm	5,10

Ordering data	Type	Qty.	Order No.
2-pole	WQV 2.5/2	50	1053660000
3-pole	WQV 2.5/3	50	1053760000
4-pole	WQV 2.5/4	50	1053860000
5-pole	WQV 2.5/5	10	1053960000
6-pole	WQV 2.5/6	10	1054060000
7-pole	WQV 2.5/7	10	1054160000
8-pole	WQV 2.5/8	10	1054260000
9-pole	WQV 2.5/9	10	1054360000
10-pole	WQV 2.5/10	20	1054460000
15-pole	WQV 2.5/15	10	1059660000
20-pole	WQV 2.5/20	10	1577570000
32-pole	WQV 2.5/32	10	1577600000

For terminal:	
WDU 1.5 ZZ	WDK 2.5
WDU 1.5 BLZ	WDK 2.5 V
WDU 2.5/1.5 ZR	WDK 2.5 DU-PE
WDU 2.5	WDK 2.5 F
WDU 2.5 F	

WQV 4

Technical data		
Current	A	/ 32
Type of fixing		Screwed
Pitch	mm	6,10

Ordering data	Type	Qty.	Order No.
2-pole	WQV 4/2	50	1051960000
3-pole	WQV 4/3	50	1054560000
4-pole	WQV 4/4	50	1054660000
5-pole	WQV 4/5	10	1057860000
6-pole	WQV 4/6	10	1057160000
7-pole	WQV 4/7	10	1057260000
10-pole	WQV 4/10	20	1052060000

For terminal:
WDU 4
WDU 4 SL

WQV 6

Technical data		
Current	A	/ 57
Type of fixing		Screwed
Pitch	mm	8,00

Ordering data	Type	Qty.	Order No.
2-pole	WQV 6/2	50	1052360000
3-pole	WQV 6/3	50	1054760000
4-pole	WQV 6/4	50	1054860000
5-pole	WQV 6/5	50	1062660000
6-pole	WQV 6/6	50	1062670000
7-pole	WQV 6/7	50	1062680000
10-pole	WQV 6/10	20	1052260000

For terminal:
WDU 6
WDU 6 SL

WQV 35N

Technical data		
Current	A	/ 101
Type of fixing		Screwed
Pitch	mm	16,00

Ordering data	Type	Qty.	Order No.
2-pole	WQV 35N/2	20	1079200000
3-pole	WQV 35N/3	20	1079300000
4-pole	WQV 35N/4	20	1079400000

For terminal:
WDU 35N

WQV 50N

Technical data		
Current	A	/ 150
Type of fixing		Screwed
Pitch	mm	18,50

Ordering data	Type	Qty.	Order No.
2-pole	WQV 50N/2	5	1834060000
3-pole	WQV 50N/3	5	1834070000
4-pole	WQV 50N/4	5	1834080000

For terminal:
WDU 50N

WQV 70N

Technical data		
Current	A	/ 192
Type of fixing		Screwed
Pitch	mm	20,50

Ordering data	Type	Qty.	Order No.
2-pole	WQV 70N/2	5	9512240000
3-pole	WQV 70N/3	5	9512250000
4-pole	WQV 70N/4	5	9531290000

For terminal:
WDU 70N

WQV 10

/ 57
Screwed
10,00

Type	Qty.	Order No.
WQV 10/2	50	1052560000
WQV 10/3	50	1054960000
WQV 10/4	50	1055060000
WQV 10/10	20	1052460000

For terminal:
WDU 10
WDU 10 SL
WDU 10 ZR

WQV 16

101 / 76
Screwed
12,00

Type	Qty.	Order No.
WQV 16/2	50	1053260000
WQV 16/3	50	1055160000
WQV 16/4	50	1055260000
WQV 16/10	10	1053360000

For terminal:
WDU 16

WQV 16N

101 / 76
Screwed
12,00

Type	Qty.	Order No.
WQV 16N/2	50	1636560000
WQV 16N/3	50	1636570000
WQV 16N/4	50	1636580000

For terminal:
WDU 16N

WQV 35

/ 112
Screwed
16,00

Type	Qty.	Order No.
WQV 35/2	50	1053060000
WQV 35/3	50	1055360000
WQV 35/4	50	1055460000
WQV 35/10	10	1053160000

For terminal:
WDU 35

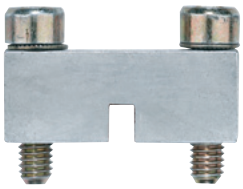
WQV 70/95

/ 192
Screwed
27,00

Type	Qty.	Order No.
WQV 70/95/2	5	1063500000
WQV 70/95/3	5	1063600000

For terminal:
WDU 70/95

WQV 95N/120N



269 / 269
Screwed
27,00

Type	Qty.	Order No.
WQV 95N/120N-2	5	1826890000
WQV 95N/120N-3	5	1826900000
WQV 95N/120N-4	5	1826910000

For terminal:
WDU 95N/120N

WQV 120

/ 269
Screwed
32,00

Type	Qty.	Order No.
WQV 120/2	5	1063300000
WQV 120/3	5	1063400000

For terminal:
WDU 120/150

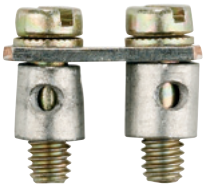
Screwable QV

Q AKZ 4 SS

Technical data	
Current	A
Type of fixing	
Pitch	mm
Ordering data	
	2-pole
	3-pole
	4-pole
	5-pole
	10-pole
	20-pole

20 / 20		
Screwed		
5,10		
Type	**Qty.**	**Order No.**
Q 2 AKZ4SS	50	**0369000000**
Q 10 AKZ4SS	20	**0369300000**
For terminal:		
WDK 2.5 / 800 V		

Q / DLI



20 / 20		
Screwed		
5,00		
Type	**Qty.**	**Order No.**
Q 2 DLI	50	**1312500000**
Q 3 DLI	50	**1312600000**
Q 4 DLI	50	**1312700000**
Q 10 DLI	20	**1313100000**
Q 20 DLI	20	**1399800000**
For terminal:		
DLI 2.5		
DLA 2.5		
DLD 2.5		

Q AKZ 1.5

/ 24		
Screwed		
5,10		
Type	**Qty.**	**Order No.**
Q 2 AKZ1.5	50	**0368200000**
Q 3 AKZ1.5	50	**0368300000**
Q 4 AKZ1.5	50	**0368400000**
Q 10 AKZ1.5	20	**0368500000**
For terminal:		
AKZ 1.5		
AKZ 2.5		

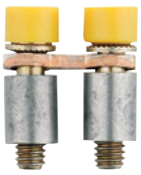
Screwable QV

Q AKZ 4

Technical data	
Current	A
Type of fixing	
Pitch	mm
Ordering data	
	2-pole
	3-pole
	4-pole
	5-pole
	10-pole
	20-pole

32 / 32		
Screwed		
6,10		
Type	**Qty.**	**Order No.**
Q 2 AKZ4	50	**0336400000**
Q 3 AKZ4	50	**0336500000**
Q 4 AKZ4	50	**0336600000**
Q 10 AKZ4	20	**0368600000**
For terminal:		
AKZ 4		

Q / WDL



/ 24		
Screwed		
6,10		
Type	**Qty.**	**Order No.**
Q 2 WDL2.5S	50	**1071500000**
Q 3 WDL2.5S	50	**1071600000**
Q 4 WDL2.5S	50	**1071700000**
Q 10 WDL2.5S	20	**1071800000**
Q 20 WDL2.5S	20	**1074200000**
For terminal:		
WDL 2.5/S...(with 10 x 3 busbar)		
WDL 2.5 (With isolator, external side)		

External cross-connection bridges

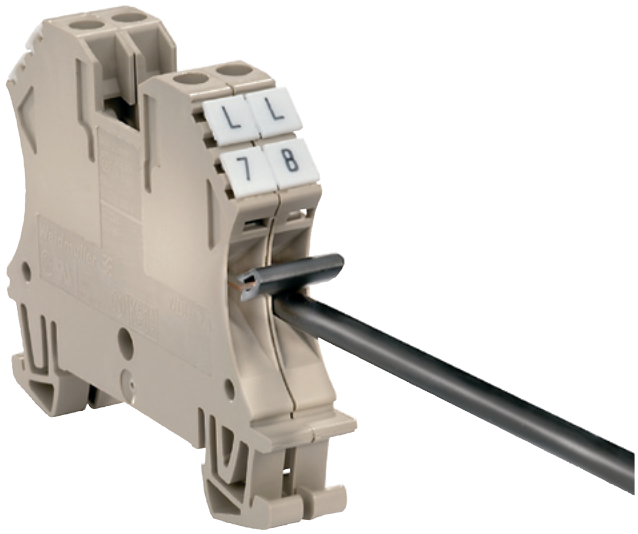
Function

External cross-connection bridges make it possible to switch terminals in parallel, which are not available in the middle of the terminal via a cross-connection channel.

Assembly

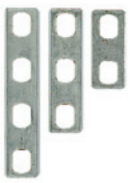
These bridges are positioned over the conductor in the clamping point and connected. Individual contacts can be separated off by hand when you wish to skip a clamping point.

Important! Use of these parts reduces the nominal cross-section of the connected conductor to the next smallest size for the terminal in question.



QL ...WSI 6

Pitch 6,3 mm



WQB A / ...

Pitch 5,1 mm

WQB B / ...

Pitch 5,1 mm

Technical data

		QL ...WSI 6	WQB A / ...	WQB B / ...
Continuous current 2-pole/multi-pole	A	24 / 24	24 / 24	24 / 24
Fork length	mm	12	12	16

Ordering data

	QL ...WSI 6			WQB A / ...			WQB B / ...		
	Type	Qty.	Order No.	Type	Qty.	Order No.	Type	Qty.	Order No.
2-pole	QL 2	100	0194300000	WQB A / 2	50	1578950000	WQB B / 2	50	1579010000
3-pole	QL 3	100	0194400000	WQB A / 3	50	1578960000	WQB B / 3	50	1579020000
4-pole	QL 4	50	0194500000	WQB A / 4	50	1578970000	WQB B / 4	50	1579030000
10-pole	QL 10	20	0338300000	WQB A / 10	50	1578990000	WQB B / 10	50	1579050000
24-pole				WQB A / 24	50	1579000000	WQB B / 24	50	1579060000
Fixing screw	BS-M 3 x 5	100	1052100000						
Releasing tool	WAW 2	1	9004510000						
	For terminal:			**For terminal:**			**For terminal:**		
	WSI 6...			WDK 2.5			WDU 1.5 / ZZ (lower connection level)		
							WDU 2.5		
							WDU 2.5 / 1.5 / ZR (lower connection level)		
							WTR 2.5		

Testing in terminals

PS

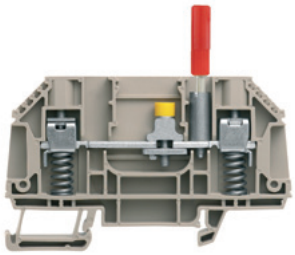
Test plug

Test plugs (PS) are used for measurements or final testing of ready wired terminal strips. Test plugs are available for socket contacts with an internal diameter of 2.3 mm or 4 mm. The difference to the test adapter is that the test plug does not slot into the terminal. This means that reliable plugging into feed-through terminals up to 35 mm^2 is only possible with a socket.

Special feature for large cross-sections

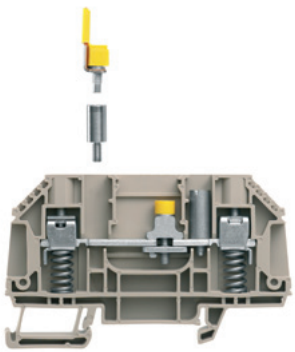
WDU 70N, WDU 95N/120N, WDU 70/95, WDU 120/150

In these terminals, test plug PS 4 can be plugged into the head of the clamping screw for measurements.



Ordering data

Test plug	Qty.	Order No.
2.3 mm diameter / rated current 17.5 A		
PS 2.3	20	**0180400000**
4.0 mm diameter / rated current 24 A		
PS 4	20	**0299600000**



StB

Socket

The StB socket is used for fitting the PS test plug. The sockets are screwed into the busbar in the cross-connection channel in the middle of the terminal. The WTR test-disconnect terminals are available with pre-assembled sockets (refer to the W-Series test-disconnect terminals). The sockets are equipped with a slot for the screwdriver. A special screwdriver blade guarantees that the sockets are securely tightened (see catalogue Tools, chapter F).

Combining with WQV

The socket can be used in combination with the WQV screw-in crossconnection.
For this purpose, the insulating part of the screw and the fixing screw have to be removed at the corresponding pole in the WQV. The socket can then be screwed in.

Ordering data

Socket	For test plug	Qty.	Order No.	For terminal standard design	For terminal compact design
Thread M 2.5 / Length 11.5 mm					
StB 8.5	PS 2.3	50	**0215700000**	WDU 1.5/ZZ	WDU 2.5N (WQV)
				WDU 2.5/1.5/ZR	WDU 2.5N 600V UL
				WDU 2.5	
				WDK 2.5...	
Thread M 3 / Length 12 mm					
StB 8.5	PS 2.3	50	**0280600000**	WDU 4	
				WDU 6	
				WDU 10	
				WDU 10/ZR	
Thread M 3 / Length 19 mm					
StB 14	PS 4	50	**0169900000**	WDU 10	WDU 16N
				WDU 10ZR	WDU 35
Thread M 4 / Length 23 mm					
StB 16	PS 4	50	**0140200000**	WDU 16	WDU 35N
					WDU 35
Thread M 3 / Length 23 mm (finger-safe)					
StB 21.6	PS 4	50	**1071000000**	WDU 4	WDU 6
				WDU 10	

Test adapter

WTA 1

Dimensions		
Width / Length / Height	mm	5 / 66.1 / 98.2
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	6
Rated cross-section	mm²	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.5
flexible / flexible with ferrule	mm²	1…1.5 / 0.5…1.5

IEC	UL	CSA
250	300	300
6	6	6

Ordering data	Type	Qty.	Order No.
1-pole	WTA 1 WDU1.5	25	1632290000
With snap-in pegs	WTA 1/ZA WDU1.5	25	1632300000
10-pole			

For terminal:

WDU 2.5N
WDU 4N

WTA 2

Dimensions		
Width / Length / Height	mm	5 / 66.1 / 107.6
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	6
Rated cross-section	mm²	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.5
flexible / flexible with ferrule	mm²	1…1.5 / 0.5…1.5

IEC	UL	CSA
250	300	
6		
1.5		

Ordering data	Type	Qty.	Order No.
1-pole	WTA 2 WDU2.5-10	25	1632320000
With snap-in pegs	WTA 2/ZA WDU2.5-10	25	1632330000
10-pole	WTA 2/10 WDU2.5/10	5	1632340000

For terminal:

WDU 1.5 ZZ
WDU 2.5/1.5 ZR
WDU 2.5
WDU 2.5 F
WDU 4
WDU 6
WDU 10
WDU 16

WTA 3

Dimensions		
Width / Length / Height	mm	6 / 66.1 / 107.6
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	6
Rated cross-section	mm²	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.5
flexible / flexible with ferrule	mm²	1…1.5 / 0.5…1.5

IEC	UL	CSA
250	300	
6		
1.5		

Ordering data	Type	Qty.	Order No.
1-pole	WTA 3 WDU4	25	1632350000
With snap-in pegs	WTA 3/ZA WDU4	25	1632360000
10-pole			

For terminal:

WDU 4
WDU 6
WDU 10

Test adapter

WTA 6

Dimensions		
Width / Length / Height	mm	5 / 66.1 / 107.6
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	6
Rated cross-section	mm²	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.5
flexible / flexible with ferrule	mm²	1…1.5 / 0.5…1.5

IEC	UL	CSA
250	300	300
6	6	6
1.5		

Ordering data	Type	Qty.	Order No.
1-pole	WTA 6 WTR2.5	25	1632380000
With snap-in pegs	WTA 6/ZA WTR2.5	25	1632390000
10-pole			

For terminal:

WTR 2.5

WTA 7

Dimensions		
Width / Length / Height	mm	6 / 68 / 120
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	6
Rated cross-section	mm²	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.5
flexible / flexible with ferrule	mm²	1…1.5 / 0.5…1.5

IEC	UL	CSA
250	300	
6		
1.5		

Ordering data	Type	Qty.	Order No.
1-pole	WTA 7 WSI6	25	1650210000
With snap-in pegs			
10-pole			

For terminal:

WSI 6

WTA 4N

5 / 62 / 111.6		
IEC	**UL**	**CSA**
250	300	
6		
1.5		
0.5…1.5		
1…1.5 / 0.5…1.5		

Type	Qty.	Order No.
WTA 4N WDK 2.5	25	**1878660000**
WTA 4N/ZA WDK 2.5	25	**1879350000**

For terminal:

WDK 2.5
WDK 2.5 V
WDK 2.5 F
WDK 2.5 FV

WTA 5

5 / 17 / 68.2		
6		
IEC	**UL**	**CSA**
250	300	
6		
1.5		
0.5…1		
1…1 / 0.5…1		

Type	Qty.	Order No.
WTA 5/1	25	**1051260000**

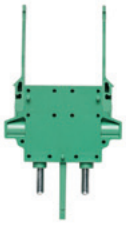
For terminal:

WDU 2.5
WDU 4
WDU 6
WDU 10
WDU 10 ZR

Test adapter

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Clamped conductors (H05V/H07V)	
solid / stranded	mm²
flexible / flexible with ferrule	mm²
Ordering data	
	green
	beige

WTA 8



6 / 39 / 78		
IEC	**UL**	**CSA**
205		
6		
1.5		
0.5…2.5		

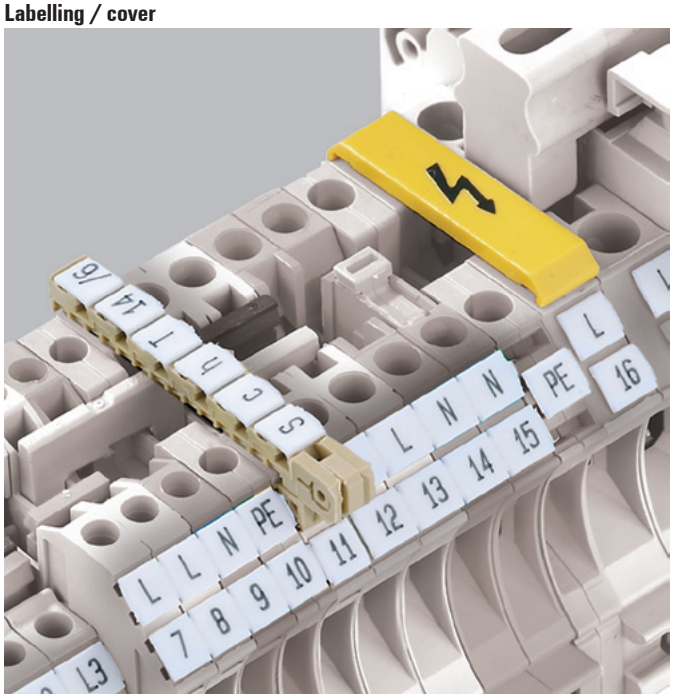
Type	Qty.	Order No.
WTA 8KO-TN	25	**1915480000**
WTA 8 TN	25	**1915450000**

For terminal:

WTL 4/2 StB

TN-KO = Isolate - Contact
KO-TN = Contact - Isolate
TN = Isolate

Labelling / cover



The WAD cover is snapped on to the centre of the terminal on the cross-connection channel, from the top down. The covers are delivered in yellow with a black lightning flash symbol and also in white without markings.
The WAD covers are available for all feed-through terminals in the W-Series.

Labelling of mains terminals

VDE regulations require that mains terminals be labelled with "Warning Voltage" and a lightning flash symbol.

Convenient labelling options

A white cover with no print is well suited for manual terminal labelling or for group labelling.

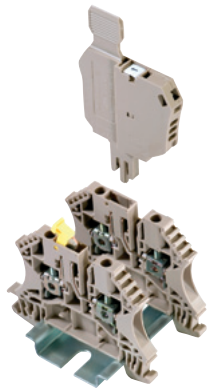
Touch protection with uninsulated cross-connections

Important! When cross-connecting the WDU 70N, WDU 95N/120N, WDU 70/95 and WDU 120/150, touch protection is guaranteed by the cover, in compliance with VDE directives.

WAD

Type Width	Colour	Qty.	Order No.	For terminal:
WAD 4 GE BED	yellow	50	**1072000000**	WDK 2.5
WAD 4 WS	white	50	**1072100000**	WDK 2.5 / 800V
				WDK 2.5 BL
				WDK 2.5 DU-PE
				WDK 2.5 F
				WDK 2.5 F BL
				WDK 2.5 FF
				WDK 2.5 FV
				WDK 2.5 ZQV
				WDK 2.5 ZQV BL
				WDK 2.5/D
				WDK 2.5V
				WDK 2.5V BL
				WDU 1.5/ZZ
				WDU 1.5/ZZ BL
				WDU 2.5 F 2X2.8
				WDU 2.5 FF 2*2.8
				WDU 2.5N
				WDU 2.5N BL
				WDU 2.5N ZQV
				WDU 2.5N ZQV BL
				WDU 2.5N/600 UL
				WDU 4N
				WDU 4N BL
Width				
WAD 5 MC NE WS	white	48	**1112910000**	WDU 2.5
WAD 5 MC B GE/SW	with lightning flash black on yellow	49	**1120450000**	WDU 2.5 BL
				WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 4
				WDU 4 BL
				WDU 6
				WDU 6 BL
Width				
WAD 8 MC B GE/SW	Lightning flash black on yellow	48	**1120470000**	WDU 10
				WDU 10 BL
WAD 8 MC NE WS	white	48	**1112940000**	
Width				
WAD 12 M. BL.	yellow	50	**1055960000**	WDU 16/ZA
WAD 12 NEUTRAL	white	50	**1056260000**	WDU 16/ZA BL
				WDU 16N BL
				WDU 35/IK/ZA
				WDU 35/ZA
				WDU 35/ZA BL
Width				
WAD 12N GE BED	yellow	50	**1073200000**	WDU 16N
Width				
WAD 16N GE BED	yellow	50	**1083600000**	WDU 16N
WAD 16N WS	white	50	**1083500000**	WDU 35N
				WDU 35N BL
Width				
WAD 20 GE WSD	yellow	10	**9512260000**	WDU 50N
				WDU 50N BL
				WDU 70N/35
				WDU 70N/35 BL
				WDU 95N
				WDU 95N BL
Width				
WAD 27 M. BL.	yellow	10	**1062860000**	WDU 120
WAD 27 NEUTRAL	white	10	**1062960000**	WDU 120 BL
				WDU 70/95
				WDU 70/95 BL

SIHA fuse holder

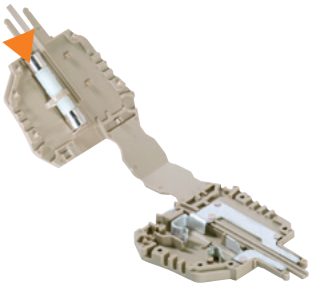


For 5x20 G-fuse cartridges
The SIHA fuse holder turns a test disconnect terminal into a fuse terminal in seconds: Simply remove the isolating lever and insert the fuse plug

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement
- Marking position for Dekafix 5 and space for self-adhesive label size 8/20

1. Open fuse holder with fingers or screwdriver

2. Press out old fuse



3. Position new fuse

4. Press fuse holder together again

SIHA 1

	Qty.	Order No.
without LED		
SIHA1/G20		
400 V	1	**9537550000**
with LED (red)		
SIHA1/G20		
10 - 36 V	1	**9537560000**

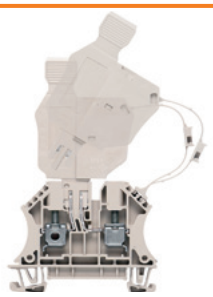
For test-disconnect terminal versions
WTR 2.5/ZZ

SIHA 3

	Qty.	Order No.
without LED		
SIHA3/G20		
400 V	1	**7921560000**
with LED (red)		
SIHA3/G20		
10 - 36 V	1	**7921570000**
35 - 70 V	1	**7921580000**
60 - 150 V	1	**7921590000**
140 - 250 V	1	**7921600000**

For test-disconnect terminal versions
WTR 4
WTR 4/ZZ
WTR 4/ZR
WTR 2.5

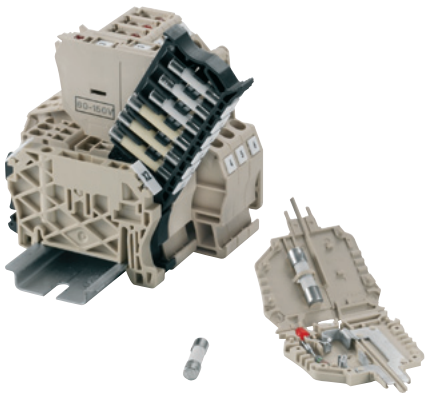
SIHA STRAP



	Qty.	Order No.
with strap		
SIHA STRAP		
	20	**9537680000**

Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either left or right

Fuse carrier ZST 1



The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available to be used during servicing work.

ZST 1

Dimensions		
Width / Length / Height	mm	8 / 62 / 40

Ordering data

Type	Qty.	Order No.
ZST 1	25	1269070000

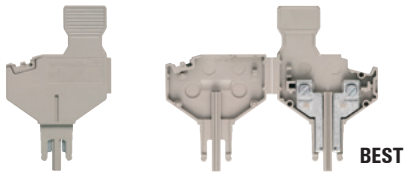
Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications using as few parts as possible. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the "disconnecting products" of the W-, Z-, I- and P-Series.

Component plug (up to 250 V)

can be reversed



BEST

Ordering data

Type	Fitted with...	Qty.	Order No.
BEST	–	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000
For terminal type			
PTR 2.5/4...			
PDL 4 TR/...			

Isolating plug

Isolating plug

Ordering data

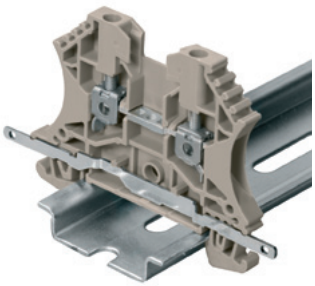
Type	Colour	Qty.	Order No.
TNST	yellow Wemid	25	1833090000
For terminal type			
WTR 2.5			
WTR 4			
WTR4/ZZ			
WTR4/ZR			

Screen plug (LS)

A screen plug (LS) is available for many terminals in the W-Series. The bar can be used to continue the shielding over the terminals as an interface. There is no direct connection to earth potential.

Assembly
The screen plug is placed flat in the bottom of the terminal in the recess provided. At the ends, the shield can be plugged in with a 2.8 mm Faston connector or soldered on.

Reduced rated voltage
The smaller clearance and creepage sections result in a reduced voltage rating in the terminal when using the screen plug.



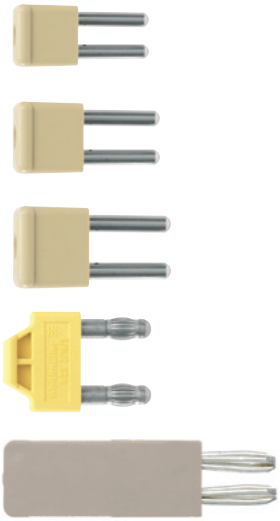
Short-circuit plug (WDS)

Short-circuit plugs (cross-connection plugs) are used together with sockets (diameter 2.3 mm) for easily disconnecting the cross connection of terminals.

In reality, this connector is often used with test-disconnect terminals. Thanks to its insulated grip, the WDS is touch-safe.

Assembly
The plug is simply plugged onto the socket and locks automatically.

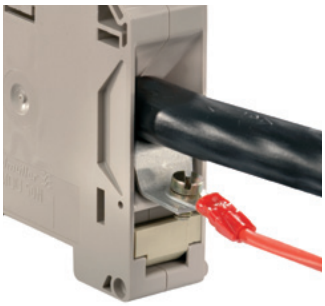
For terminal width 5.1 mm



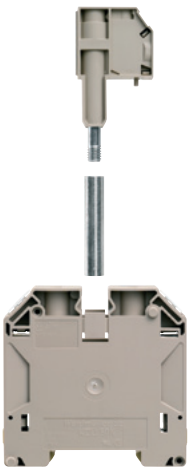
Extension connector (WZAD)

An extension connector (WZAD) is offered for feed-through terminals from 70 mm².

Assembly
This connector consists of a metal part which is pushed into the terminal and lodges behind the clamping yoke. The WZAD extension connector is connected to the "main" conductor in the terminal. Another conductor of up to 4 mm² and 32 A can be screwed to the outer end of the extension connector using a ring cable lug.



Exception WZAD WDU 240
The extension connector for WDU 240 is plugged separately into the terminal above the wire entry and locks automatically. The conductor is connected with a fully insulated screw connection.



LS 2.8

Type	Qty.	Order No.
LS 2.8 WDU2.5-10	50	**1056400000**

WDS

Type	Qty.	Order No.
WDS 2	20	**1069900000**

WZAD

Type	Clamped conductor	Rated current	Qty.	Order No.	For terminal
WZAD 70/95	up to 4 mm²	32 A	10	**1066000000**	WDU 70/95
WZAD 120	up to 4 mm²	32 A	10	**1066100000**	WDU 120/150
WZAD 240	up to 10 mm²	57 A	5	**1802810000**	WDU 240
WZAD 50N	up to 10 mm²	40 A	5	**1872720000**	WDU 50N
WZAD 70N	up to 4 mm²	32 A	10	**1964830000**	WDU 50N/70N
WZAD 95N/120N	up to 10 mm²	41 A	5	**1859580000**	WDU 95N/120N

Reduced voltage

For terminal standard design	Reduced voltage
WDU 1.5/ZZ	400 V
WDU 2.5/1.5/ZR	400 V
WDU 2.5	400 V
WDU 4	400 V
WDU 6	400 V
WDU 10	400 V
WDK 2.5 ZQV	250 V
WDK 2.5 (WQV)	250 V
WTR 2.5...	250 V
For terminal compact design	**Reduced voltage**
WDK 2.5N	250 V
WDK 4N	250 V

Reduced voltage

For terminal
WDU 1.5/ZZ
WDU 2.5/1.5/ZR
WDU 2.5
WDK 2.5... (WQV)
WTR 2.5...
WDU 2.5 F...

WZAF with M3 mounting screw

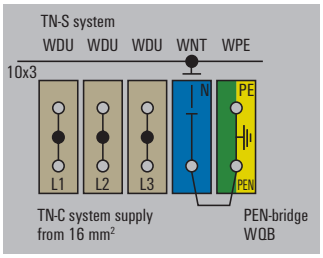
Type	Clamped conductor	Rated current	Qty.	Order No.	For terminal
WZAF 35	4 mm²	32 A	10	**1070500000**	WFF 35
WZAF 70	4 mm²	32 A	10	**1066200000**	WFF 70
WZAF 120	4 mm²	32 A	10	**1066300000**	WFF 120
WZAF 185	4 mm²	32 A	10	**1066400000**	WFF 185
WZAF 300	4 mm²	32 A	10	**1066500000**	WFF 300

PEN bridges

Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

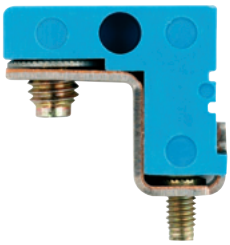
Standard installation
Depending on the terminal type, inside or outside, PEN bridges are available for both PE and N conductor terminals from 10 mm^2
Important! For outside bridges, please note that in this context only the next smaller rated cross-section (than standard) can be connected.

Building installation with N-conductor isolation
Special external cross-connections (WQB-PEN) are available for neutral conductor test-disconnect terminals (WNT). These establish contact between the NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



External PEN bridge

Inside PEN bridge



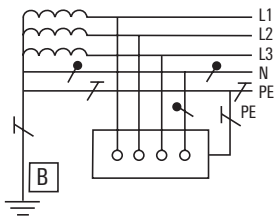
WQB-PEN ...

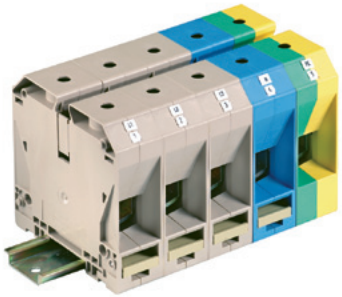
Type	Qty.	Order No.	For terminal
with standard terminals			
WQB-PEN 10	10	**1060300000**	WPE 10 WDU 10 BL
WQB-PEN 16	10	**1060200000**	WPE 16 WDU 16 BL
WQB-PEN 35	10	**1060100000**	WPE 35 WDU 35 BL
with compact terminals			
WQB-PEN 16N	10	**1079600000**	WNT 16N WPE 16N
WQB-PEN 35N	10	**1079500000**	WNT 35N WPE 35N
WQB-PEN 70N	10	**1079700000**	WNT 70N WPE 70N

WQV ... -PEN

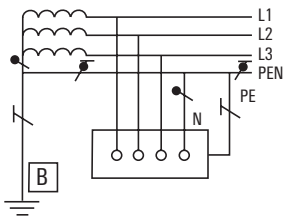
Type	Qty.	Order No.	For terminal
WQV 16N-PEN	10	**1071360000**	WPE 16N WDU 16N BL
WQV 70N-PEN	5	**9525840000**	WPE 70N WDU 70N BL
WQV 70/95-PEN	5	**1072300000**	WPE 70/95 WDU 70/95 BL
WQV 120-PEN	5	**1072400000**	WPE 120/150 WDU 120/150 BL
WQV 50N-PEN		**9201610000**	WPE 50N WDU 50N
WQV 95N/120N-PEN		**9201630000**	WPE 95N/120N WDU 95N/120N

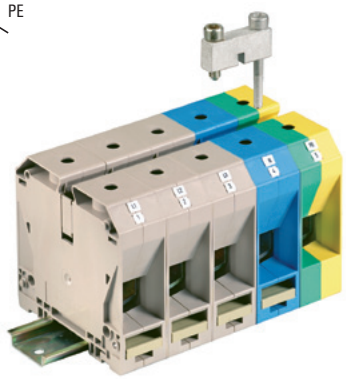
TN-S system:

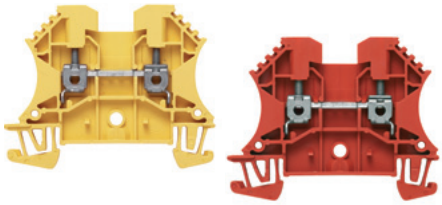




TN-C system:







The colours listed are available as standard. Other terminal types can be supplied in customised colours on request for quantities exceeding the minimum quantity.

Standard design

	Colour	Qty.	Order No.
WDU 2.5			
WDU 2.5 BL	blue	100	**1020080000**
WDU 2.5 OR	orange	100	**1020060000**
WDU 2.5 BR	brown	100	**1037710000**
WDU 2.5 GE	yellow	100	**1020020000**
WDU 2.5 GN	green	100	**1020090000**
WDU 2.5 GR	grey	100	**1037720000**
WDU 2.5 RT	red	100	**1020040000**
WDU 2.5 SW	black	100	**1020010000**
WDU 2.5 VI	violet	100	**1037700000**
WDU 2.5 WS	white	100	**1036800000**
WDK 2.5			
WDK 2.5 OR	orange	100	**1021560000**
WDK 2.5 V			
WDK 2.5 V OR	orange	100	**1022360000**
WDK 2.5 V GE	yellow	100	**1022350000**
WDU 4			
WDU 4 BL	blue	100	**1020180000**
WDU 4 OR	orange	100	**1036760000**
WDU 4 BR	brown	100	**1037810000**
WDU 4 GE	yellow	100	**1020120000**
WDU 4 GE/SW	yellow/black	100	**1020190000**
WDU 4 GN	green	100	**1020160000**
WDU 4 GR	grey	100	**1037800000**
WDU 4 RT	red	100	**1020140000**
WDU 4 SW	black	100	**1020110000**
WDU 4 VI	violet	100	**1037820000**
WDU 4 WS	white	100	**1036700000**
WDU 6			
WDU 6 BL	blue	100	**1020280000**
WDU 6 OR	orange	100	**1020260000**
WDU 6 GE	yellow	100	**1040220000**
WDU 6 GN	green	100	**1020290000**
WDU 6 GR	grey	100	**1039600000**
WDU 6 RT	red	100	**1020240000**
WDU 6 SW	black	100	**1020210000**
WDU 6 WS	white	100	**1039700000**
WDU 10			
WDU 10 BL	blue	50	**1020380000**
WDU 10 GE	yellow	50	**1833350000**
WDU 10 GN	green	50	**1833340000**
WDU 10 OR	orange	50	**1020360000**
WDU 10 RT	red	50	**1020340000**
WDU 10 SW	black	50	**1020310000**
WDU 10 WS	white	50	**1833380000**
WDU 16			
WDU 16 BL	blue	50	**1020480000**
WDU 16 RT	red	50	**1833400000**
WDU 16 SW	black	50	**1833420000**
WDU 35			
WDU 35 BL	blue	40	**1020580000**
WDU 35/IK BL	blue	40	**1020680000**
WDU 35/ZA BL	blue	40	**1028880000**
WDU 35/ZA OR	orange	40	**1060220000**
WSI 6			
WSI 6 OR	orange	50	**1011060000**
WSI 6 SW	black	50	**1011010000**
WSI 6 BL	blue	50	**1011080000**
WTD 6/1			
WTD 6/1 GE	yellow	50	**1631760000**
WTD 6/1 RT	red	50	**1631750000**
WTL 6/3			
WTL 6/3 BR	brown	50	**1018640000**

Compact design

	Colour	Qty.	Order No.
WDU 2.5			
WDU 2.5N BL	blue	100	**1023780000**
WDU 2.5N OR	orange	100	**1023760000**
WDU 2.5N ZQV BL	blue	100	**1040880000**
WDK 4N			
WDU 4N BL	blue	100	**1042680000**
WDK 4N OR	orange	100	**1041960000**
WDU 16			
WDU 16N BL	blue	50	**1036180000**
WDU 35			
WDU 35N BL	blue	20	**1040480000**
WDU 35N KB BL	blue	20	**1836550000**

Pre-fitted terminal blocks

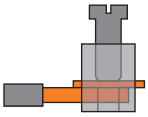
Readily assembled and marked terminal blocks are available as a standard feature for smaller cross-section ranges.
Installation times can be reduced by simply slotting in complete blocks. The rating data depends on the corresponding terminal type.

Important!

- Tolerances for mounting must be heeded in project planning. A mounting tolerance of +0.1 mm must be expected for each terminal.
- In terminal blocks marked 1– 9, the 10th terminal is free for decade marking
- Terminal blocks WDU 70/95 and WDU 120/150 for direct mounting only.
  For direct mounting without the terminal rail please take note of the drilling plan. Fix with screw M6x16.
  (Order No. 1063700000/ VPE 20)

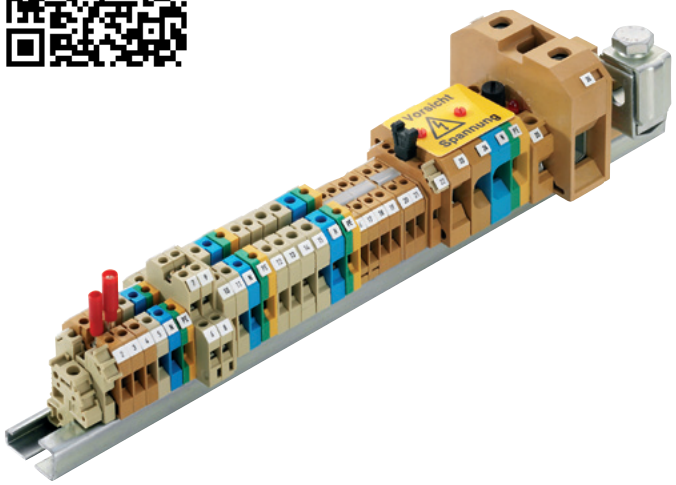
WDU 2.5	Qty.	Order No.	Description
WDU 2.5/10 BEZ	10	**1020700000**	10 x WDU 2.5, identified by printed marking strip DEK 5 (nos. 1 – 9)
WDU 2.5/10 BEZ/NE	10	**1020800000**	10 x WDU 2.5, with blank marking strip DEK 5
WDK 2.5			
WDK 2.5/10	10	**1025700000**	10 x WDK 2.5 (WQV), with blank marking strip DEK 5
WDU 4			
WDU 4/10/BEZ	10	**1020900000**	10 x WDK 2.5 (ZQV), identified by printed marking strip DEK (nos. 1-9)
WDU 4/10	10	**1021000000**	10 x WDU 4, identified by printed marking strip DEK 6
WMA 4/4	20	**1034000000**	3 x WDU 4 (marked L1, L2, L3), WPE 4 (marked PE)
WMA 4/5	20	**1033800000**	3 x WDU 4 (marked L1,L2,L3), DEU 4 in blue (identified by N), WPE 4 (marked PE)
WDU 70/95			
WDU 70/95/3	4	**1026700000**	3 x WDU 70/95
WDU 70/95/5/N	2	**1032300000**	mains terminal block, 3x WDU 70/95 dark beige, 1x WDU 70/95 blue, 1 x WDU 70/95 green
WDU 120/150			
WDU 120/150/5	2	**1026600000**	5 x WDU 120/150
WDU 120/150/5/N	2	**1032400000**	mains terminal block, 3 x WDU 120/150 dark beige, 1 x WDU 120/150 blue, 1 x WDU 120/150 green
WDL 2.5			
WDL 2.5/3/S/NT/L/PE	25	**1034200000**	3 x WDL 2.5/S/NT/L/PE
WDL 2.5/2/NT/L/PE-L/L	20	**1034100000**	WDL 2.5/S/NT/L/PE and WDL 2.5/S/L/L
AKZ 4			
AKZ 4/10	10	**0359560000**	10 x AKZ 4
AKZ 4/10/BEZ	10	**0359660000**	10 x AKZ 4, identified by printed marking strips DEK 5 (nos. 1-9)

SAK-Series / Clamping yoke screw connection technology



- **Put to the test billions of times**
  Countless approvals, specifications and the world's most extensive range of terminals mean that SAK terminals can be used for a wide range of different applications.
- **The right materials for every application**
  Ambient temperatures are not an issue for the SAK-Series thanks to different materials such as polyamide, thermoplastics and heat-resistant ceramics.
- **Best conductivity and high contact force**
  Thanks to its design, the legendary high-strength steel screw clamp absorbs every geometric change to the connected conductor.

You can find out more information about the SAK series in our online catalogue.

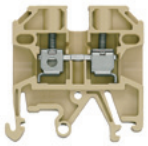


RoHS COMPLIANT

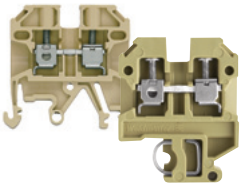
All materials checked for conformity with the latest environmental directives and RoHS requirements.

Versions

- Cross-sections from 0.5 to 35 mm²
- TS 32/TS 35 "2 in 1" combination foot



- Cross-sections from 0.5 to 95 mm²
- Special foot for TS 35
- Special foot for TS 32



Product assortment

Terminal type	Rated cross-section 2.5 mm²	4 mm²	6 mm²	10 mm²	16 mm²	35 mm²	Flat-blade connection	Faston-connection	Spring loaded	Solder connection
Feed-through terminals										
PA 6.6 / TS 32	•	•	•	•	•	•		•	•	•
KRG / TS 32	•	•	•	•	•	•	•	•	•	•
PA 6.6 / TS 35	•	•	•	•	•	•		•	•	•
KRG / TS 35	•	•	•	•	•	•	•			
PA 6.6 / combination foot	•	•	•	•	•	•				
PA 6.6 / TS 15	•	•							•	
Double level terminals		•								
PE terminals										
PA 6.6 / TS 32	•	•		•	•	•				
PA 6.6 / TS 35	•	•	•	•	•	•				
PA 6.6 / TS 15	•	•								
Fuse terminals										
PA 6.6 / TS 32				•						
PA 6.6 / TS 35				•						
KrG / TS 32				•	•					
KrG / TS 35				•	•					
PA 6.6 / TS 15		•								
PA 6.6 / combination foot		•								
Double level fuse terminals										
PA 6.6 / TS 32		•								
PA 6.6 / TS 35		•								
PA 6.6 / combination foot		•								
Disconnect test terminal blocks										
TS 35		•		•						
PA 6.6 / TS 15		•								
Two-tier disconnect test terminals		•						•		
Ceramic terminals		•		•						

1 The connection

Separation of electrical and mechanical functions:

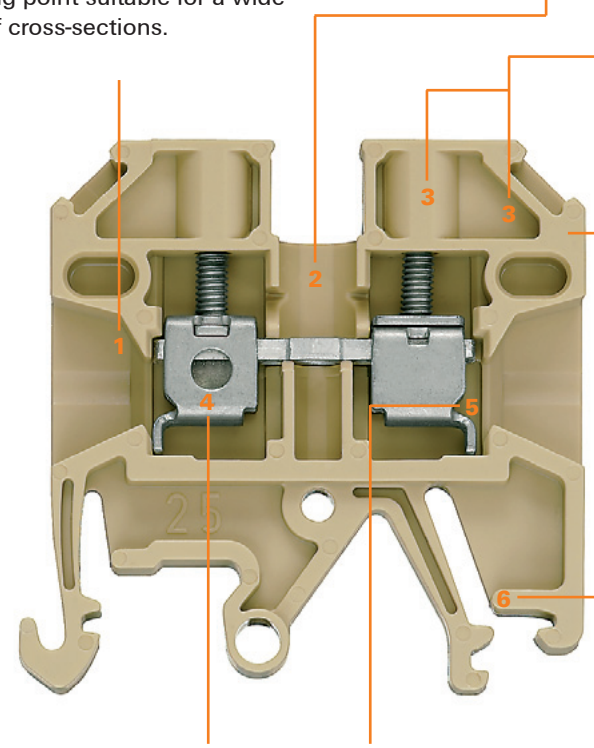
- Clamping yoke and clamping screw made from hardened steel for high contact forces.
- A copper current bar for a low through resistance. The tin-plated surface guarantees minimum contact resistance.
- Gas-tight clamping point.
- Clamping point suitable for a wide range of cross-sections.

2 Cross-connection channel

- Any number of poles can be created by stacking the pre-fitted cross-connections.

3 Easy to use

- Built-in reserve when undoing the clamping screw – particularly important for mechanical screwing tools.
- Recessed clamping screw position provides a guide for the screwdriver.
- All parts fitted captive within the terminal.
- Numerous labelling options.



Insulating materials and max. temperatures

- PA – 100 °C
- KrG – 130 °C
- EP – 160 °C
- Ceramic – 250 °C

6 3 different snap-on feet

4 Reliable contact

- The steel clamping yoke compensates for temperature-induced changes to the conductor (no gradual loosening) required.
- Low-maintenance, vibration-resistant connection – no need to retighten the clamping screw.
- The highest contact force of any connection system – and in a compact space.

5 Safe to use

- Terminals supplied with open clamping point
- Yoke tab prevents incorrect insertion of conductors.

Standards and directives

The reliable contact and dependability of the Weidmüller systems are verified by:

- Type tests to IEC 6047-7-1/2
- National and international approvals
- A large portfolio of UL and CSA approvals
- ATEX approval
- IECEx approved

Shield connection terminals KLBÜ

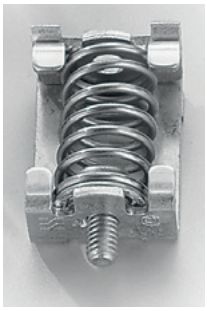
Shield connection terminals KLBÜ	Overview shield connection terminals KLBÜ	E.2
	Shield connection terminals KLBÜ for 10 x 3 mm busbars	E.6
	Shield connection terminals KLBÜ – Mounting directly on metal plate	E.10
	Shield connection terminals KLBÜ – Mounting on TS 35	E.12
	Shield connection terminals KLBÜ for C-rails	E.13
	Shield connection solutions for direct wiring	E.14
	Functional earthing (PE terminals)	E.15

Weidmüller shield connections

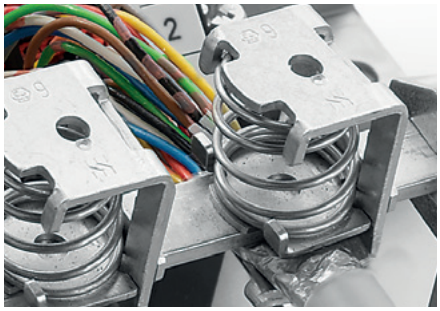
Comprehensive and self-adjusting shield contacts

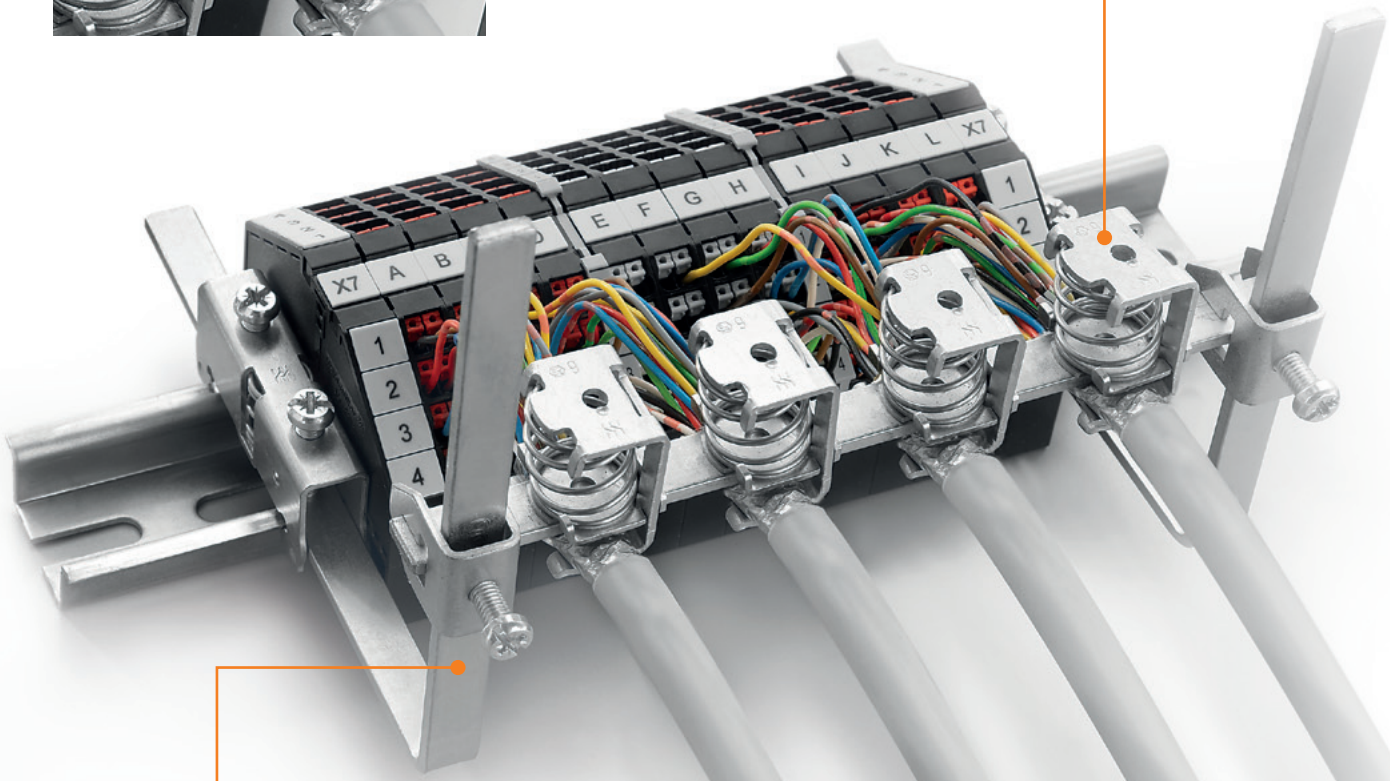
Shield connections automatically adjust themselves using the spring principle to deal with temperature-related, cross-sectional changes and are also ideal for applications with vibrations. The large contact surface area and the short connection length to the rail or mounting plate ensures optimal contact over a wide frequency band. This ensures that assembly is simple and secure.

Optimal and sustainable
There is a suitable solution for every installation, safe and reliable thanks to the spring force.

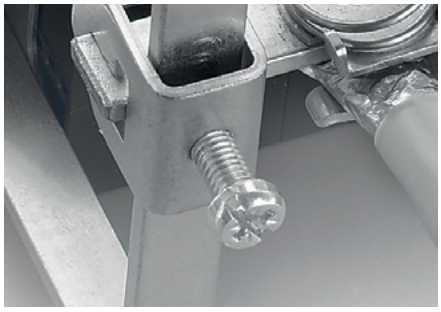


Guaranteed contact reliability
Be it transient surge voltages or electromagnetic fields in the area, coupling is safely prevented. The self-adjusting shield connection improves your productivity.

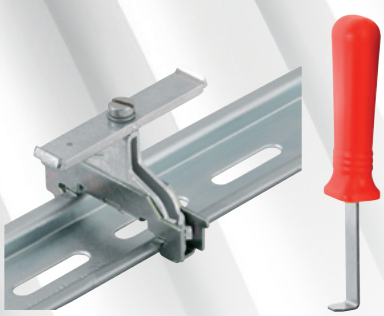




Simply brilliant
The operating principles and assembly are both immediately clear and ensure clarity through the whole series.



Tailor made accessories
Weidmüller offers the accessories needed to ensure optimum shielding, they are tailor made to make your build simple, safe and quick.

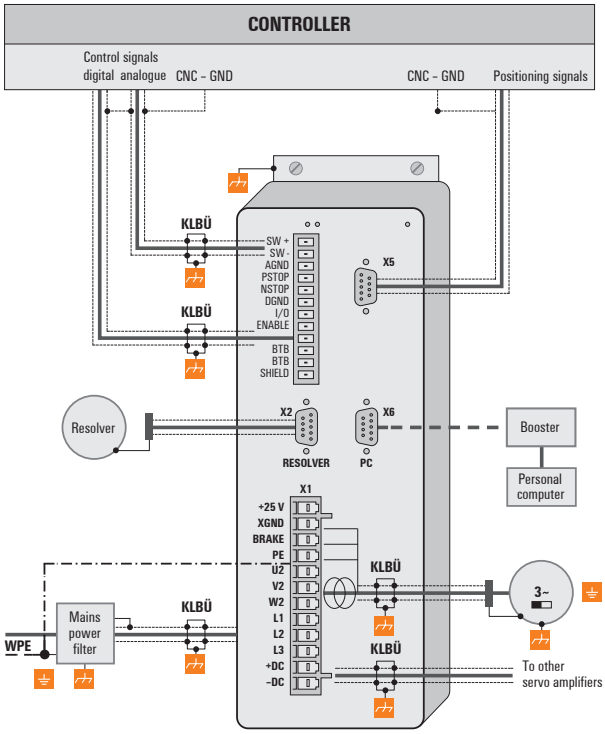


The theoretical concept

Part 1 of the VDE 0133 standard specifies the required equipotential bonding for the electrical components of a machine. The aim is to prevent any undesirable consequences occurring as a result of electrostatic, electromagnetic and net-work bound interference.

The following measures serve this purpose:

- Use filter and time delays.
- Reference (ground) potentials split into “dirty“ and “clean“.
- Neutral earthing of all reference potentials with large diameters (≥ 6 mm²).
- Earth connections selected should be as short as possible.
- All connections should be routed in parallel to the earthing plane.
- Use shielded cables. When possible, the shield should be earthed at both ends.
- Isolate and shield switching devices and components susceptible to interference.



Overview of KLBÜ fittings available

For busbars
10 x 3

For direct mounting

For C-profiles

For TS 35
insulating/conducting

Clip on for
10 x 3 busbar

For direct wiring in
2.5 mm² Z terminals

In detail

Compression spring

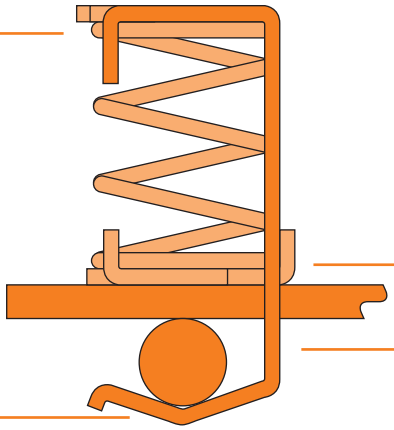
- To ensure both simple handling and proper connection with permanent contact pressure as a result of the spring effect

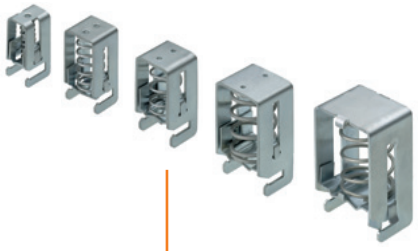
No extra tools necessary

- Simply **swivel onto the busbar by hand** – retrospectively if necessary

Full range

- For conductors from 2 to 37 mm diameter





Reliable contact

- Changes in diameter (flow) of the conductor compensated for by the elastic behaviour of the clamping yoke for flexible adjustment to the cable diameter

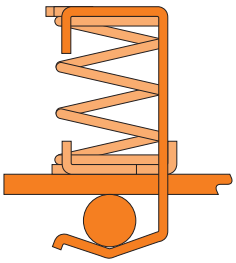
Many options available

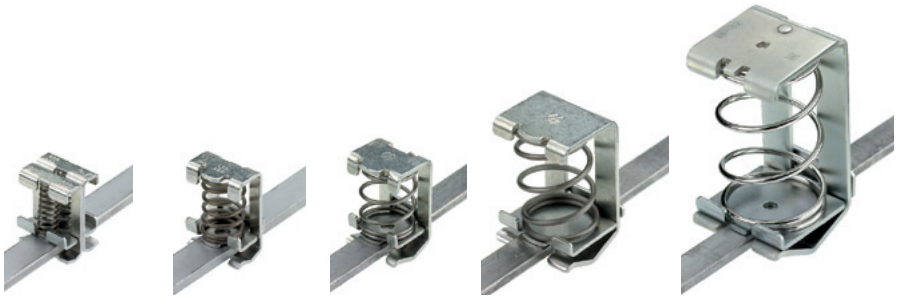
- Weidmüller offers a wide range of different fastenings for mounting shield connection terminals

Shield connection terminals KLBÜ for 10 x 3 mm busbars

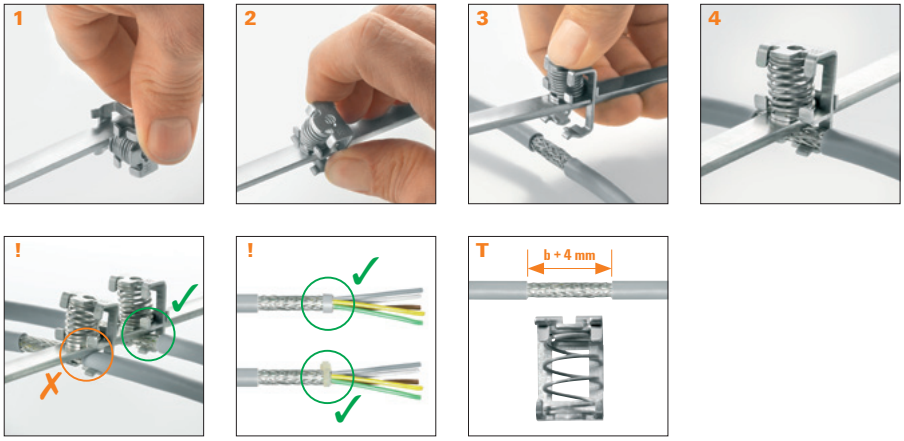
Clamping yoke

Cable fastened against the busbar from the top

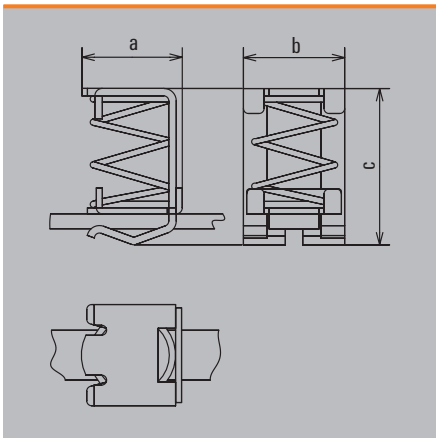




KLBÜ 2 x 2-6 | KLBÜ 3-8 | KLBÜ 4-13.5 | KLBÜ 10-20 | KLBÜ 15-32



KLBÜ



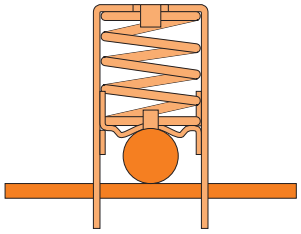
Ordering data

Type	For cable diameter	Dimensions (a x b x c) mm	Qty.	Order No.
KLBÜ 2 x 2-6	2.0 ... 6.0 mm	15.0 x 18.0 x 24.0	10	1675350000
KLBÜ 3-8	3.0 ... 8.0 mm	13.0 x 18.0 x 26.0	10	1600480000
KLBÜ 4 x 13.5	4.0 ... 13.5 mm	20.0 x 20.5 x 31.5	10	1592810000
KLBÜ 10-20	10.0 ... 20.0 mm	25.0 x 26.0 x 40.0	10	1600490000
KLBÜ 15-32	15.0 ... 32.0 mm	36.0 x 32.0 x 63.9	10	1716300000

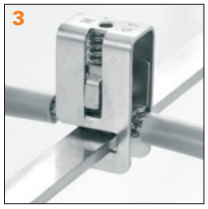
10 x 3 mm busbars	Length	Material	Qty.	Order No.
SSch 10 x 3 x 1000 Cu, Sn	1000.0 mm	Cu, Sn	1	0348900000

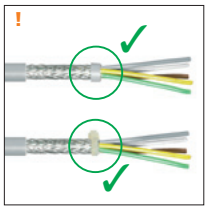
Clamping yoke

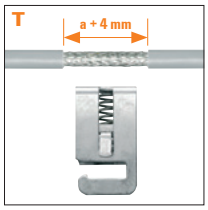
Cable fastened against the busbar from the top



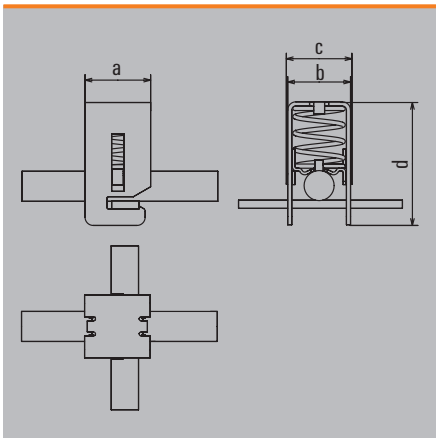
KLBÜ CO 1 KLBÜ CO 2 KLBÜ CO 3 KLBÜ CO 4 KLBÜ CO 5







KLBÜ CO



Ordering data

Type	For cable diameter	Dimensions (a x b x c) mm	Qty.	Order No.
KLBÜ CO 1	3.0 ... 10.0 mm	18.0 x 12.0 x 13.2 x 32.0	10	**1753311001**
KLBÜ CO 2	4.0 ... 15.0 mm	18.0 x 20.0 x 21.1 x 41.6	10	**1752131001**
KLBÜ CO 3	10.0 ... 20.0 mm	25.0 x 23.0 x 24.0 x 45.0	10	**1749151001**
KLBÜ CO 4	15.0 ... 28.0 mm	25.0 x 31.0 x 32.0 x 56.0	10	**1749161001**
KLBÜ CO 5	20.0 ... 37.0 mm	32.0 x 40.0 x 42.7 x 64.5	10	**1755081001**

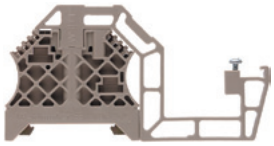
10 x 3 mm busbars	Length	Material	Qty.	Order No.
SSch 10 x 3 x 1000 Cu, Sn	1000.0 mm	Cu, Sn	1	**0348900000**

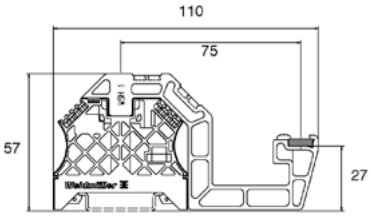
Shield connection terminals KLBÜ for 10 x 3 mm busbars

Busbar holders

Insulated mounting on TS 35

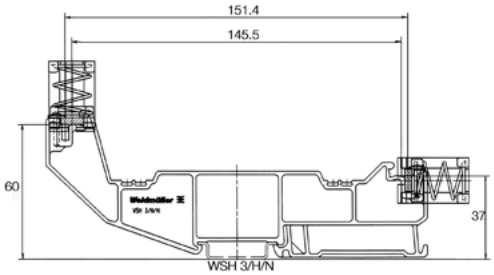
Type WSH 1



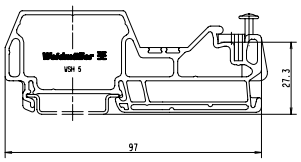


Horizontal mounting only

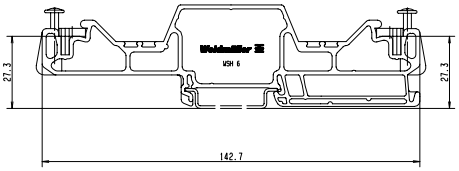
Type WSH 3/H/N



Type WSH 5



Type WSH 6



WSH

Ordering data

Type	Width	Qty.	Order No.
WSH 1	8.0 mm	10	1068700000
WSH 3/H/N	8.0 mm	10	1715970000
WSH 5	8.0 mm	10	1080100000
WSH 6	8.0 mm	10	1080200000

10 x 3 mm busbars	Length	Material	Qty.	Order No.
SSch 10 x 3 x 1000 Cu, Sn	1000.0 mm	Cu, Sn	1	0348900000

Busbar holders

Conductive mounting on TS 35

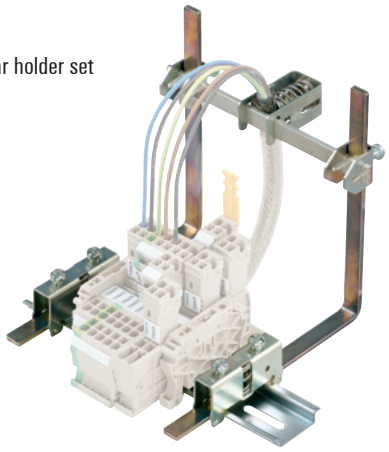
TS 35-Clip
BS 35/WSH 2

Busbar connector
BFEH 1/WSH

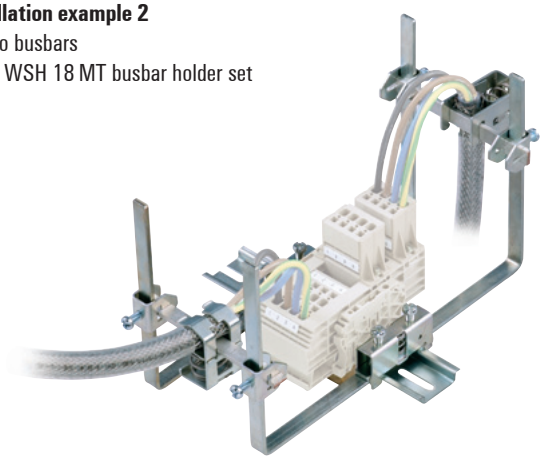
Angled rail
SMSE WSH U1MT

SMSE WSH 135/60 MT

Installation example 1
- One busbar
- 2 x WSH 19 MT busbar holder set



Installation example 2
- Two busbars
- 2 x WSH 18 MT busbar holder set



WSH

Ordering data

TS 35-Clip	Dimensions (L x B x H) mm	Qty.	Order No.
BS 35/WSH 2	52.0 x 37.0 x 13.0	10	**1760720000**

Busbar connector	Dimensions (L x B x H) mm	Qty.	Order No.
BFEH 1/WSH	20.0 x 31.0 x 13.5	10	**1082400000**

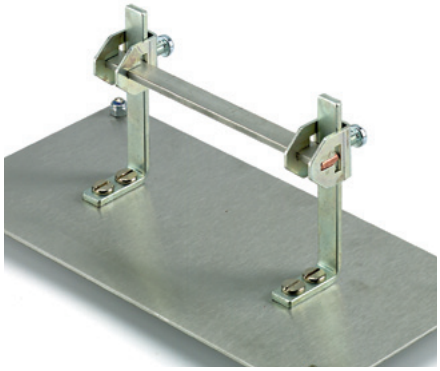
Angled rail	Dimensions (L x B x H) mm	Qty.	Order No.
SMSE WSH U1MT	134.0 x 10.0 x 134.0	10	**1083900000**
SMSE WSH 135/60 MT	60.0 x 10.0 x 60.0	10	**1246990000**

Busbar holder sets	Contents (parts loose in plastic bag)				
	BS 35/WSH 2	BFEH 1/WSH	SMSE WSH U1MT	Qty.	Order No.
WSH 18 MT	1 pcs.	2 pcs.	2 pcs.	10	**1083100000**
WSH 19 MT	1 pcs.	1 pcs.	1 pcs.	10	**1083200000**

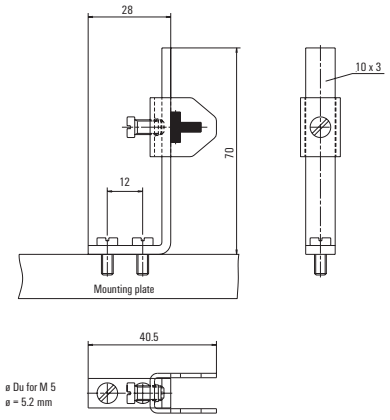
10 x 3 mm busbars	Länge	Material	Qty.	Order No.
SSch 10 x 3 x 1000 Cu, Sn	1000.0 mm	Cu, Sn	1	**0348900000**

Busbar holder / Spacer

Busbar holder



Set (WSH 4 MT) consisting of:
- 1 busbar holder
- 1 busbar connector (BFEH 1/WSH)



Spacer

M6 outer and inner thread
(15 mm, 20 mm and 30 mm long)

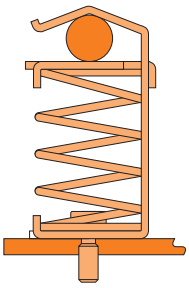
WSH 4 MT / SP

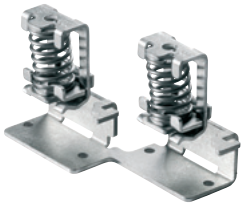
Ordering data

Busbar holder	Qty.	Order No.
WSH 4 MT	10	1079900000

Spacer	Length	Qty.	Order No.
SP 15 set of 2	15 mm	1	3896100000
SP 20 set of 2	20 mm	1	3896200000
SP 30 set of 2	30 mm	1	3896300000

Clamping yoke





SCH-1-WB

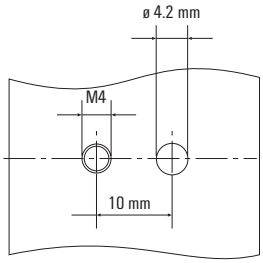
KLBÜ 3-8 SC

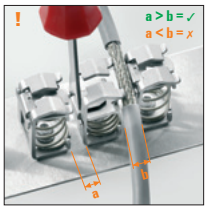
KLBÜ 4-13.5 SC

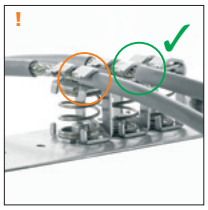
KLBÜ 10-20 SC

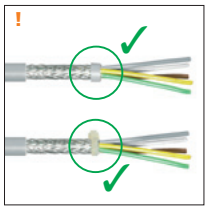
KLBÜ 15-32 SC

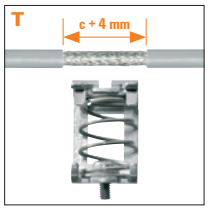
Drilling template KLBÜ 15-32 SC



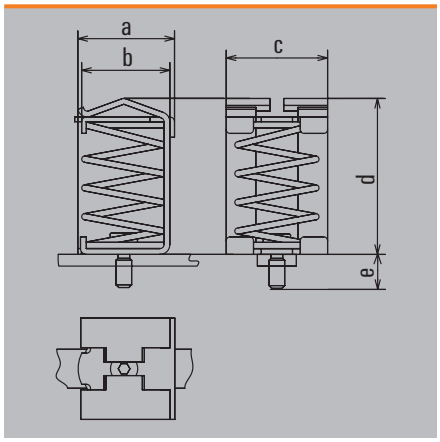








KLBÜ SC



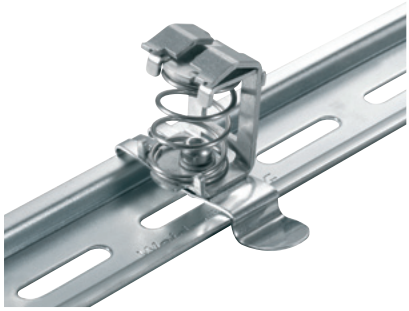
Ordering data

Type	For cable diameter	Thread length	Dimensions (a x b x c) mm	Qty.	Order No.
SCH-1-WB	3.0 ... 8.0 mm		32.5 x 33.3 x 70.3 x 39.0	5	1739890000
KLBÜ 3-8 SC	3.0 ... 8.0 mm	5.65 mm	13.5 x 11.5 x 18.0 x 26.0	10	1692261001
KLBÜ 4-13.5 SC	4.0 ... 13.5 mm	5.30 mm	20.0 x 17.8 x 20.3 x 31.4	10	1712311001
KLBÜ 10-20 SC	10.0 ... 20.0 mm	5.30 mm	24.8 x 23.0 x 26.0 x 40.0	10	1712321001
KLBÜ 15-32 SC	15.0 ... 32.0 mm	4.80 mm	36.0 x 33.3 x 32.0 x 64.0	10	1718341001
Self-tapping screw				**Qty.**	**Order No.**
KLBUE 3-8 SDSC	3.0 ... 8.0 mm		36.0 x 33.3 x 32.0 x 64.0	10	1835840000
Operating tool				**Qty.**	**Order No.**
BTWZ KLBÜ				1	1742630000

FM 4 foot / Clamping yoke holder

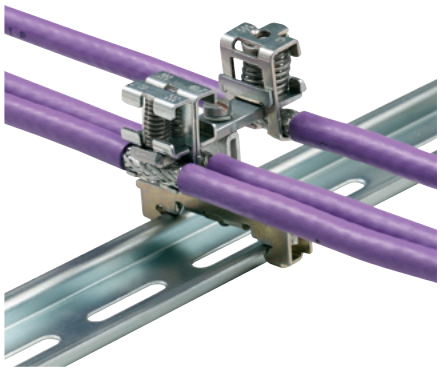
FM 4 foot

The KLBÜ SC clamping yokes
(see page E.11)
are screwed onto the **FM 4** foot.



KLBÜ 4-13.5 FM4

Clamping yoke holder

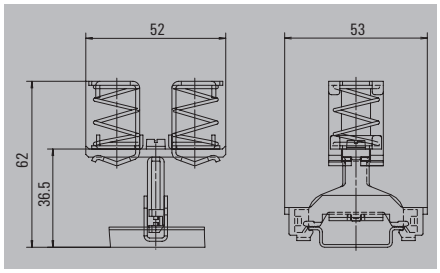


BS 35 II (without KLBÜ)

BS 35 II / KLBÜ 3-8

BS 35 II / KLBÜ 3-8 / 2 x 2-6

FM 4 / BS 35 II



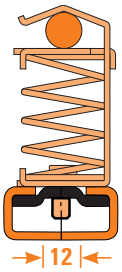
Ordering data

FM 4 foot	Qty.	Order No.
FM 4	40	0687900000

Clamp fitted with FM 4 foot	Qty.	Order No.
KLBUE 3-8 FM4	10	1252530000
KLBUE 4-13.5 FM4	10	1252520000
KLBUE 10-20 FM4	10	1252510000
KLBUE 15-32 FM4	10	1252490000

Clamping yoke holder	For cable diameter	Qty.	Order No.
BS 35 II	without KLBÜ	10	1723800000
BS 35 II / KLBÜ 3-8	3.0 ... 8.0 mm	10	1723810000
BS 35 II / KLBÜ 4-13.5	4.0 ... 13.5 mm	10	1723820000
BS 35 II / KLBÜ 3-8/2 x 2-6	3.0 ... 8.0 mm / 2.0 ... 6.0 mm	10	1749430000
BS 35 II / KLBÜ 2 x 3-8/2 x 2-6	3.0 ... 8.0 mm / 2.0 ...6.0 mm	10	1768020000

Clamping yoke

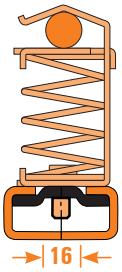


KLBÜ 3-8 CPF

KLBÜ 4-13.5 CPF

KLBÜ 10-20 CPF

KLBÜ 15-32 CPF

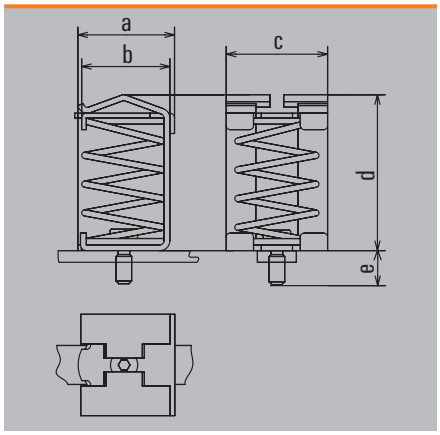


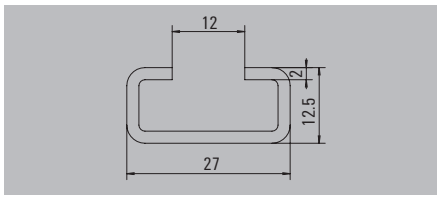
KLBUE 4-13.5 CPF16

KLBUE 10-20 CPF16

KLBUE 15-32 CPF16

KLBÜ CPF





Ordering data

Type for 12 mm profile	For cable diameter	Dimensions (a x b x c x d) mm	Qty.	Order No.
KLBÜ 3-8 CPF	3.0 ... 8.0 mm	13.5 x 11.5 x 18.0 x 26.0	10	1752681001
KLBÜ 4-13.5 CPF	4.0 ... 13.5 mm	20.0 x 17.8 x 20.3 x 31.4	10	1752691001
KLBÜ 10-20 CPF	10.0 ... 20.0 mm	24.8 x 23.0 x 26.0 x 40.0	10	1752701001
KLBÜ 15-32 CPF	15.0 ... 32.0 mm	36.0 x 33.3 x 32.0 x 64.0	10	1752711001

Type for 16 mm profile			Qty.	Order No.
KLBUE 4-13.5 CPF16	4.0 ... 13.5 mm	20.0 x 17.8 x 20.3 x 31.4	10	1167850000
KLBUE 10-20 CPF16	10.0 ... 20.0 mm	24.8 x 23.0 x 26.0 x 40.0	10	1252550000
KLBUE 15-32 CPF16	15.0 ... 32.0 mm	36.0 x 33.3 x 32.0 x 64.0	10	1252540000

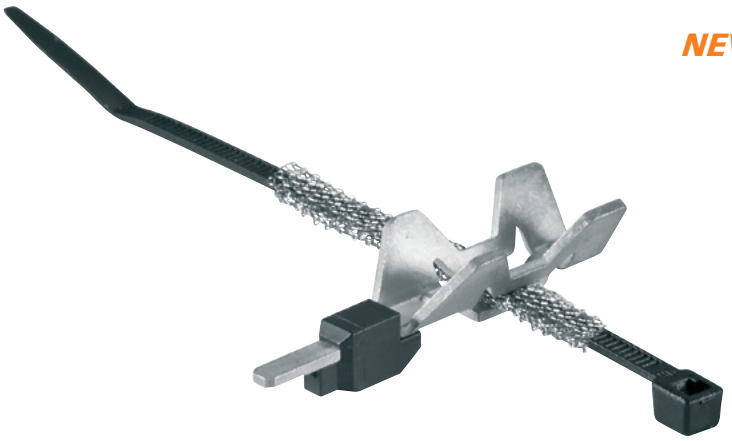
C-rail	Qty.	Order No.
TS 27 x 12.5M / ST / F.ZN	10 m	1802690000

Shield connection solutions for direct wiring

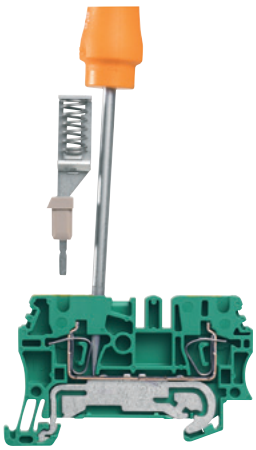
Shielding solutions for direct connection

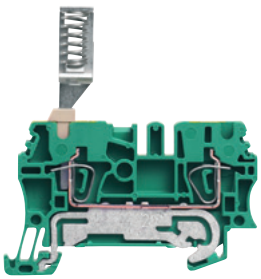
KLBÜ 4-6 Z/1

NEW



EMC set





Ordering data

Type for 12 mm profile	For cable diameter	Qty.	Order No.
KLBÜ 4-6 Z/1	4.0 ... 6.0 mm		2269800000

Note: Suitable for 2.5 mm² Z-series

	Qty.	Order No.
EMC-Set	1	1067470000
EMC-CONTACT	1	1067520000
EMC-TIE	1	1067490000

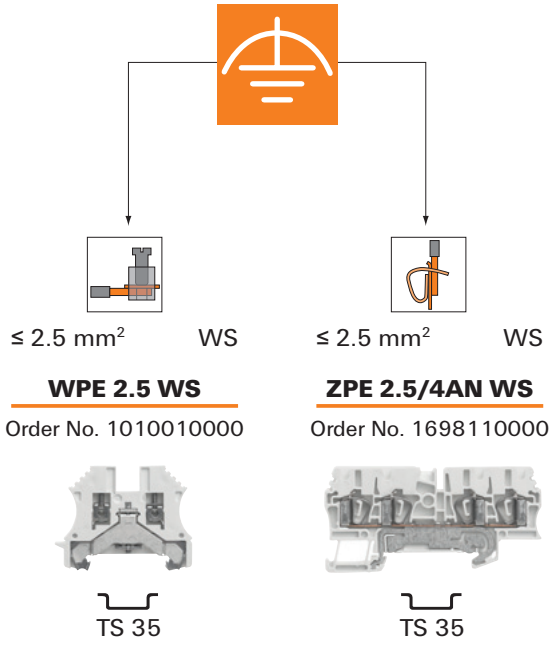
Functional earth

Functional earth

The functional earth is an equipotential bonding mechanism that is used to discharge shield-coupled transient currents. It can also have an earth function to prevent sensitive devices from damage. The same applies for couplings to grounding lines inside equipment – these must also be discharged. DIN VDE 0113 and VDE 0197 differ according to FE and PE: because there is a degree of freedom when designing the functional earth, but the protective earth must be conform with clear requirements. PE terminal blocks which are intended to protect human life must be labelled green-yellow. They can still be used for functional earthing although. White PE terminals (FE) can be used as the functional earth. Even the symbols used here have been extended in order to clarify the functional earth. In contrast to the protective earth, a meshing is not useful for the functional earth: instead wiring in a star topology makes more sense. This creates a so-called “clean“ earth because compensation currents are not possible when this type of wiring is used. In such a case, the key is a low-impedance connection. The length of the line is also a critical factor.

For systems where this distinction must or should be made, Weidmüller offers white PE terminal blocks from the W- and Z-series. These terminals are easily identified through their colouring, showing that the circuits are only there to functionally protect the electrical systems that are connected.

Symbol for functional earthing



Accessories

Accessories	Busbars	F.2
	Terminal rails	F.8
	End brackets	F.12
	Terminal rail supports / Mounting feet	F.13
	Cover strips and retaining plates	F.15
	Terminal markers	F.16
	Printing systems and software	F.35
	Tools	F.42
	Wire end ferrules	F.66
	Insulated cable connectors	F.78

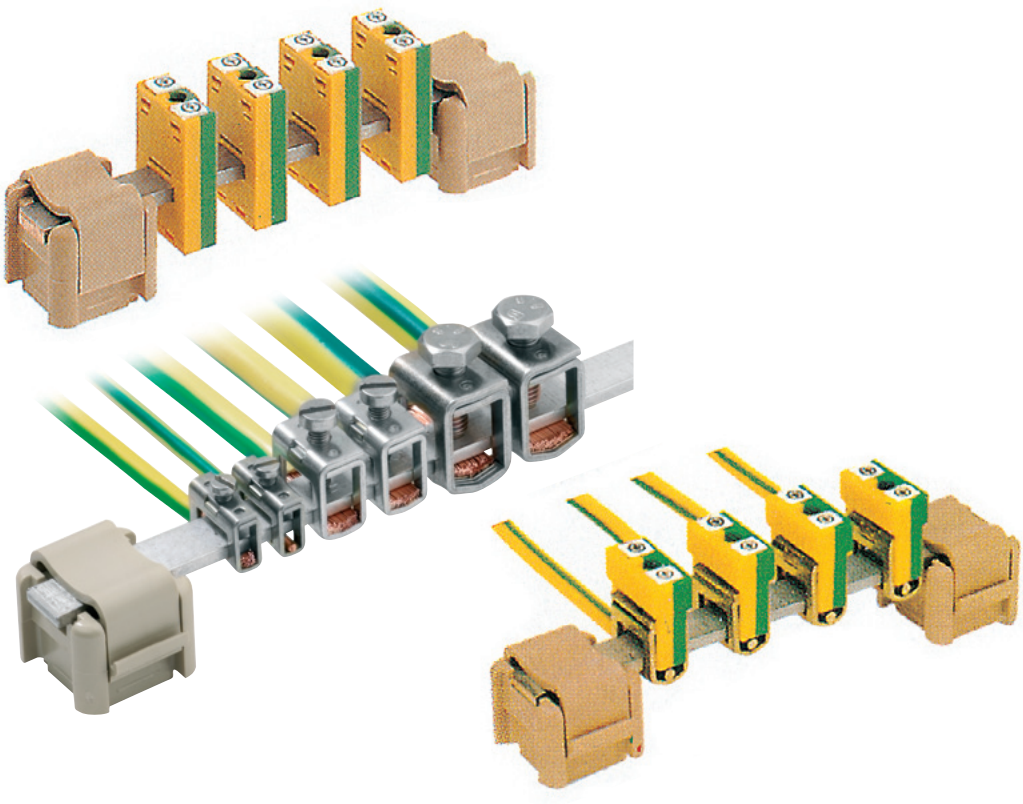
Busbars

In switching facilities and controllers, the N conductor may need to be merged with the PE conductor at a central point. For this reason, busbars are available that allow a wide range of cables to be connected within a confined space (up to 70 wires on one metre of rail). The cables are connected via a compression piece or a clamping yoke. A guide lug at the compression piece grips into the busbar and holds tightly to the compression piece. The clamping yokes can be moved on the busbar and adjusted to the whole wiring in the facility. The busbar can be used without holes in various lengths. The SH rail holding clamp is used for fastening. On longer rails, it can also be aligned between clamping yokes.

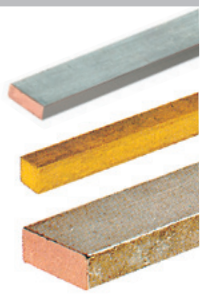
In order to bring together neutral conductors and predective conductors at a central point, it is advantageous to use ZB cable clamps together with 10 x 3 or 6 x 6 busbars. The cable clamps can be pushed onto the busbar and adjusted to the entire wiring in the system. The cable clamp serves as the protective conductor connection and can be supplied with green/yellow insulating caps. These caps indicate the protective function and marking tags allow clear identification of each conductor. If the cable clamps are used to connect neutral conductors, they can be marked with a blue insulating cap.

ZBE 6 can also be swivelled onto the busbar retrospectively.

Cable clamps



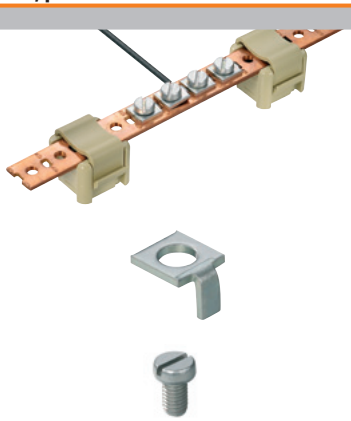
Busbars, unperforated



SSch

Type	Material	Cross-section	Length	Current carrying capacity	Qty.	Order No.
SSch 10 x 3	Copper, tin-plated	10 x 3 mm	1 m	140 A	1	0348900000
SSch 10 x 3	Steel, galvanised	10 x 3 mm	1 m		1	0438000000
SSch 10 x 3	Brass, blank	10 x 3 mm	1 m	100 A	1	0259800000
SSch 6 x 6	Copper, tin-plated	6 x 6 mm	1 m	140 A	1	0571300000
SSch 15 x 6	Copper, tin-plated	15 x 6 mm	1 m	265 A	1	0357400000

Busbars, perforated



NSch / ESch

Type	Material	Cross-section	Length	Current carrying capacity	Qty.	Order No.
NSch 15 x 2	Copper, blank	15 x 2 mm	1 m	80 A	1	0280200000
ESch 12 x 2	Steel, galvanised	12 x 2 mm	1 m		1	0280300000
NSch 2M	Copper, blank	15 x 2 mm	2 m	80 A	1	1313600000

Pressure piece	Qty.	Order No.
DKSUE	100	0280100000

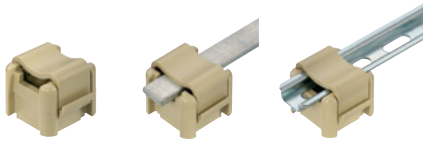
Clamping screw	Qty.	Order No.
BFSC M5 x 8	100	0296700000

Connection data NSch / ESch

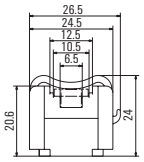
Screw connection solid	0.5 ... 2.5 mm²
Stripping length	9 mm
Cable lug connection	max. 16 mm²
Max. current per connection	27 A

Busbar holders

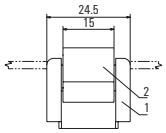
With clip and base



1.



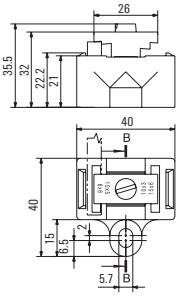
2.



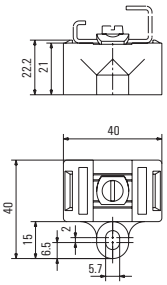
SH

Type	Figure	For busbar cross-section	Qty.	Order No.
SH 1 TS 15 complete	1. 2.	10 x 3, 6 x 6, 15 x 2, 12 x 2 15 x 2, 15 x 6	20	0299860000
Individual parts SH1				
SH 1 Base			20	0401460000
SH 1 Clip			500	0635960000
Fixing screw for SH1				
BFSC M4x9		for 1 SH1	100	0103300000
BFSC M4x30		for 2 SH1 stacked	50	0267100000

With metal bridge

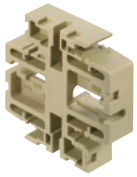


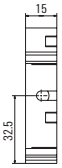
Type	For busbar cross-section	Qty.	Order No.
SH 2S	10 x 3, 6 x 6, 10 x 5, 15 x 6	10	0641720000

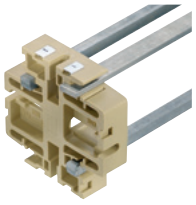


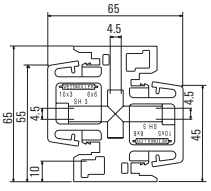
Type	For busbar cross-section	Qty.	Order No.
SH 2	The arrangement of mounting rails in totally insulated facilities	10	0494920000

With metal bridge



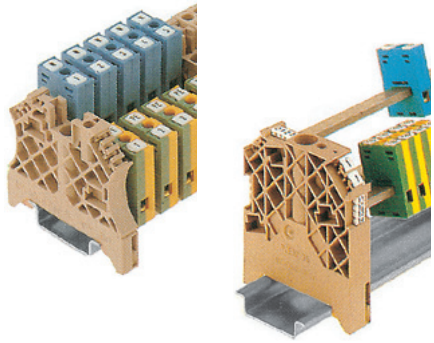






Type	For busbar cross-section	Qty.	Order No.
SH 3	10 x 3, 6 x 6, 10 x 5	10	0556660000

Busbar holders

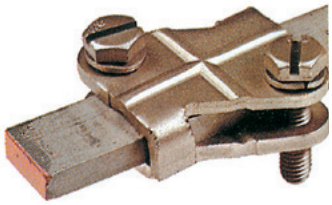


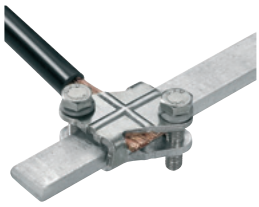
WEW

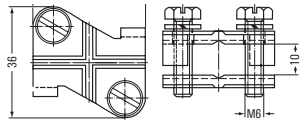
Type	For busbar cross-section	Qty.	Order No.
WEW 35/1	10 x 3, 6 x 6	50	**1059000000**
WEW 35/1 SW	10 x 3, 6 x 6	100	**1162600000**
WEW 35/1 GR	10 x 3, 6 x 6	100	**1227890000**
WEW 35/2	10 x 3, 6 x 6	100	**1061200000**
WEW 35/2 SW	10 x 3, 6 x 6	100	**1061210000**
WEW 35/2 GR	10 x 3, 6 x 6	100	**1859200000**

WEW 35/1 and WEW35/2 as busbar holder together with the ZB 4 G tension clamp

Connection element







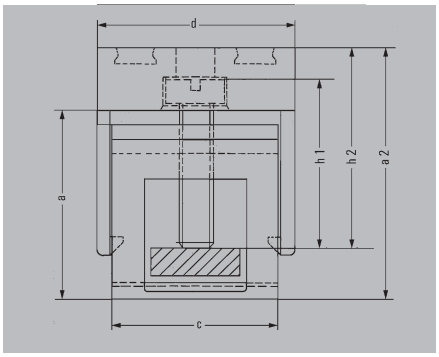
AK 95

Type	For busbar cross-section	Qty.	Order No.
AK 95	15 x 6 mm	10	**0364200000**

The AK 95 connection element is used as a tension clamp for 15 x 6 busbars

Connection cross-sections: Solid = 6...16 mm²
Flexible = 6...50 mm²
Stranded = 16...50 mm²

Cable clamp, uninsulated



Tightening torques for clamping screws according to IEC 60947-1

Products with screw with slotted head		
Thread	Tightening torque	
	Steel screws	
	min. 8.8	A 2/A 4-80
	[Nm]	[Nm]
M 2	0.2...0.35	0.2...0.35
M 2.5	0.4...0.8	0.4...0.8
M 3	0.5...1.0	0.5...1.0
M 3.5	0.8...1.6	0.8...1.6
M 4	1.2...2.4	...
M 5	2.0...4.0	...
M 6	2.5...5.0	...

For 10 x 3 mm busbars

ZB / ZBE

Connection cross-section:
Solid 0.5 ... 6.0 mm²
Flexible 0.5 ... 4.0 mm²
Stranded -
Clamping screw M 3
Stripping length 16 mm

For retrofitting

Connection cross-section:
Solid 1.0 ... 10 mm²
Flexible 1.5 ... 10 mm²
Stranded -
Clamping screw M 4
Stripping length 19 mm

Also for 10 x 5 mm busbar

Connection cross-section:
Solid 1.5 ... 10 mm²
Flexible 2.5 ... 10 mm²
Stranded -
Clamping screw M 4
Stripping length 19 mm

Connection cross-section:
Solid 2.5 ... 16 mm²
Flexible 2.5 ... 16 mm²
Stranded 16 ... 25 mm²
Clamping screw M 4
Stripping length 16 mm

Connection cross-section:
Solid -
Flexible 16 ... 35 mm²
Stranded 16 ... 50 mm²
Clamping screw M 6
Stripping length 19 mm

Type	Colour	Dimensions [mm] a	Width	c	h1	Qty.	Order No.
ZB 4, blank	-	11.7	5.6	16.0	10.0	50	**0316500000**
Insulating cap	blue					50	**0475480000**
Insulating cap	green / yellow					50	**0475460000**
ZBE 6, blank	-	19.5	8.2	19.5	19.0	50	**0459500000**
Insulating cap	green / yellow					50	**0526060000**
ZB 10, blank	-	19.5	8.2	19.5	19.0	50	**1261300000**
ZB 16, blank	-	17.0	10.0	16.0	17.0	50	**0316600000**
Insulating cap	blue					50	**0502980000**
Insulating cap	green / yellow					50	**0502960000**
ZB 35, blank	-	21.0	14.4	18.4	20.5	20	**0266500000**
Insulating cap	blue					50	**0502780000**

For 6 x 6 mm busbar

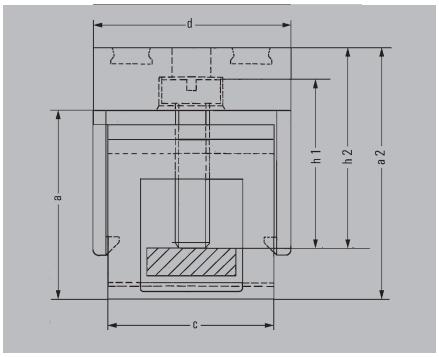
ZB

Connection cross-section:
Solid 0.5 ... 6.0 mm²
Flexible 0.5 ... 4.0 mm²
Stranded -
Clamping screw M 3
Stripping length 16 mm

Connection cross-section:
Solid 2.5 ... 16 mm²
Flexible 2.5 ... 16 mm²
Stranded 16 ... 25 mm²
Clamping screw M 4
Stripping length 12 mm

Type	Colour	Dimensions [mm] a	b	c	h1	Qty.	Order No.
ZB 4/6, blank		14.7	5.6	12.5	10.0	50	**0556700000**
ZB 16/6, blank		19.0	10.0	12.5	17.0	50	**0556800000**

Cable clamp, insulated



For 10 x 3 mm busbars

Connection cross-section:
Solid 0.5 ... 6.0 mm²
Flexible 0.5 ... 4.0 mm²
Stranded -
Clamping screw M 3
Stripping length 16 mm

For retrofitting

Connection cross-section:
Solid 1.0 ... 10 mm²
Flexible 1.5 ... 10 mm²
Stranded -
Clamping screw M 4
Stripping length 19 mm

Connection cross-section:
Solid 2.5 ... 16 mm²
Flexible 2.5 ... 16 mm²
Stranded 16 ... 25 mm²
Clamping screw M 4
Stripping length 16 mm

Connection cross-section:
Solid -
Flexible 16 ... 35 mm²
Stranded 16 ... 50 mm²
Clamping screw M 6
Stripping length 19 mm

Tension clamp connection

Connection cross-section:
Solid 0.5 ... 4.0 mm²
Flexible 0.5 ... 2.5 mm²
Stranded -
Stripping length 10 mm

ZB / ZBE /ZF

Type	Colour	Dimensions [mm]				Qty.	Order No.
		a2	Width	d	h2		
ZB 4 G GN/GE	green/yellow	27.0	7.6	19.7	15.5	50	0322160000
ZB 4 G BL	blue	27.0	7.6	19.7	15.5	50	0322180000
ZB 4 G SW	black	27.0	7.6	19.7	15.5	50	0322110000
ZB 4K GN/GE	green/yellow	18.5	6.0	19.0	13.0	50	0475360000
ZB 4K BL	blue	18.5	6.0	19.0	13.0	50	0475380000
ZBE 6K GN/GE	green/yellow	27.0	8.0	22.5	23.0	50	0525960000
ZBE 6K BL	blue	27.0	8.0	22.5	23.0	50	0525980000
ZBE 6K SW	black	27.0	8.0	22.5	23.0	50	0525910000
ZB 16K GN/GE	green/yellow	24.0	10.0	19.2	20.0	50	0502860000
ZB 16K BL	blue	24.0	10.0	19.2	20.0	50	0502880000
ZB 35K GN/GE	green/yellow	25.0	14.4	32.0	20.5	20	0502660000
ZB 35K BL	blue	25.0	14.4	32.0	20.5	20	0502680000
ZB 35K SW	black	25.0	14.4	32.0	20.5	20	0502610000
ZF 4 S	beige	22.0	6.1	24.5	-	50	1814680000
ZF 4 S BL	blue	22.0	6.1	24.5	-	50	1814660000
ZF 4 S GN/GE	green/yellow	22.0	6.1	24.5	-	50	1814670000

For 6 x 6 mm busbar

Connection cross-section:
Solid 0.5 ... 6.0 mm²
Flexible 0.5 ... 4.0 mm²
Stranded -
Clamping screw M 3
Stripping length 16 mm

Connection cross-section:
Solid 2.5 ... 16 mm²
Flexible 2.5 ... 16 mm²
Stranded 16 ... 25 mm²
Clamping screw M 4
Stripping length 12 mm

ZB

Type	Colour	Dimensions [mm]				Qty.	Order No.
		a2	b	d	h2		
ZB 4/6K GN/GE	green/yellow	21.2	6.0	25.0	14.0	50	0565460000
ZB 4/6K BL	blue	21.2	6.0	25.0	14.0	50	0565480000
ZB 16/6K GN/GE	green/yellow	26.0	9.7	25.0	20.0	50	0569660000

Terminal rail systems

Active and passive components, as well as intelligent modules, are mounted on terminal rails. This method has proved highly effective for decades. However, it is only after the use of certain consumables – which are frequently not taken into consideration – that electrical installation is finally completed. In this chapter, you will find a range of terminal rails and profile rails for component installation, together with end brackets for holding and isolating the components. These guarantee firm installation and isolation. Weidmüller supplies components which show perfect functional compatibility.

Terminal rails are made of either steel, stainless steel, aluminium, copper or plastic, depending on the area of application.

They can also be used as a protective conductor busbar. Weidmüller PE / earth terminals in the W-Series, Z-Series, I-Series, SAK- and AKZ-Series comply with requirements stipulated in IEC 60 947-7-2. According to VDE 0100 part 540, for conductors with cross-sectional areas exceeding 10 mm^2, both protective and neutral conductors may be grouped together as a single category of conductors designated PEN.

If a terminal rail is used as a PEN busbar, the following criteria must be observed:

- Only E-Cu or aluminium profiles are allowed
- Short-circuit currents and thermal rated currents must be taken into account
- The terminal rails are to be insulated as a contribution to protective insulation

Stainless steel

Stainless steel is a collective noun for all kinds of steel (alloys) which are smelted in a special process and have a high degree of purity. Stainless steel has a much-enhanced resistance to corrosion. Weidmüller's stainless steel terminal rails have the following composition: X5 CrNi 18-10 stainless steel (i.e. ~18 % chromium, ~10 % nickel).

Aluminium

Aluminium is second only to copper in its electrical conductivity. One advantage is its light weight. Aluminium oxidises quickly in air; thus passivated, it offers excellent corrosion protection.

Copper

Copper, a heavy metal, has the best electrical conductivity of all metals used. As it is a soft metal, Weidmüller's terminal rails are 2.3 mm thick.

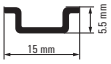
Plastic

The plastic terminal rail scores on two counts: firstly, its insulating properties, and secondly, its low weight. This leads to its use in special applications where, for example, clearance and creepage distances with respect to the mounting plate cannot be achieved with the standard terminal rails.

Steel

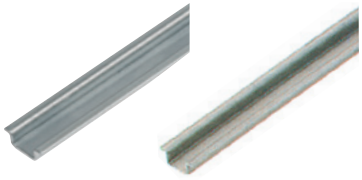
The steel rail is the most widely used DIN rail on the market. Among metal DIN rails, it has the lowest short-circuit resistance, similar to stainless steel.

TS15 terminal rail



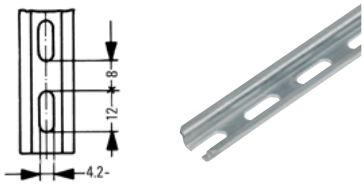
TS 15 x 5

Unperforated



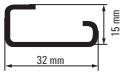
Aluminium	Short-circuit strength corresponds to E-Cu wire	Material thickness	Length	Qty.	Order No.
TS 15x5 2M/AL/BK	16 mm²	1 mm	2 m	10 m	**0134700000**
max. permissible rated current for PEN function = 76 A)					
Steel, galvanised and passivated					
TS 15x5 2M/ST/ZN	10 mm²	1 mm	2 m	2 m	**0514200000**

With slotted hole



Steel, galvanised and passivated					
TS 15x5/LL 2M/ST/ZN	10 mm²	1 mm	2 m	2 m	**0117500000**
TS 15x5/LL 1M/ST/ZN	10 mm²	1 mm	1 m	10 m	**0117510000**

TS 32 terminal rail

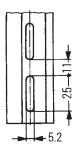


TS 32 x 15

Unperforated

Aluminium	Short-circuit strength corresponds to E-Cu wire	Material thickness	Length	Qty.	Order No.
TS 32X15 2M/AL/BK	70 mm²	1.5 mm	2 m	2 m	**0169300000**
(max. permissible rated current for PEN function = 192 A)					
Steel, galvanised and passivated					
TS 32X15 2M/ST/ZN	35 mm²	1.5 mm	2 m	2 m	**0122800000**
Stainless steel					
TS 32X15 2M/CRN	35 mm²	1.5 mm	2 m	2 m	**0293220000**

With slotted hole



Steel, galvanised and passivated	Short-circuit strength corresponds to E-Cu wire	Material thickness	Length	Qty.	Order No.
TS 32X15/LL 2M/ST/ZN	35 mm²	1.5 mm	2 m	2 m	**0514400000**

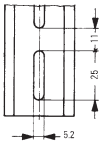
TS 35 x 7.5 terminal rail

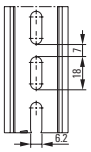
TS 35 x 7.5

Unperforated

Aluminium	Short-circuit strength corresponds to E-Cu wire	Material thickness	Length	Qty.	Order No.
TS 35X7.5 2M/AL/BK	35 mm²	1 mm	2 m	2 m	0330800000
(max. permissible rated current for PEN function = 125 A)					
Steel, galvanised and passivated					
TS 35X7.5 2M/ST/ZN	16 mm²	1 mm	2 m	2 m	0383400000
TS 35X7.5 1M/ST/ZN	16 mm²	1 mm	1 m	10 m	0383410000
Stainless steel					
TS 35X7.5 2M/CRN	16 mm²	1 mm	2 m	2 m	1747350000

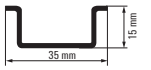
With slotted hole





Steel, galvanised and passivated	Short-circuit strength corresponds to E-Cu wire	Material thickness	Length	Qty.	Order No.
TS 35X7.5/LL 2M/ST/ZN	16 mm²	1 mm	2 m	2 m	0514500000
TS 35X7.5/LL 1M/ST/ZN	16 mm²	1 mm	1 m	10 m	0514510000
TS 35X7.5/LL/6 2M/ST/ZN	16 mm²	1 mm	2 m	2 m	0514570000

TS 35 x 15 terminal rail

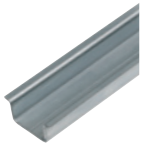


TS 35 x 15

Unperforated

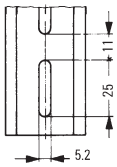
Copper	Short-circuit strength corresponds to E-Cu wire	Material thickness	Length	Qty.	Order No.
TS 35X15/2.3 2M/CU/BK	150 mm²	2.3 mm	2 m	2 m	0270100000
(max. permissible rated current for PEN function = 309 A)					
Steel, galvanised and passivated					
TS 35X15/2.3 2M/ST/ZN	50 mm²	2.3 mm	2 m	2 m	0498000000
Aluminium					
TS 35X15/2.3 2M/AL/BK	70 mm²	2.3 mm	2 m	2 m	1848290000
(max. permissible rated current for PEN function = 192 A)					

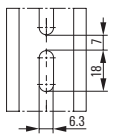
Unperforated

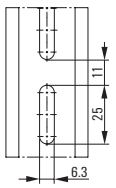


Steel, galvanised and passivated	Short-circuit strength corresponds to E-Cu wire	Material thickness	Length	Qty.	Order No.
TS 35X15 2M/ST/ZN	25 mm²	1.5 mm	2 m	2 m	0236400000

With slotted hole

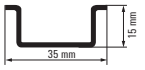






Steel, galvanised and passivated	Short-circuit strength corresponds to E-Cu wire	Material thickness	Length	Qty.	Order No.
TS 35X15/LL 2M/ST/ZN	25 mm²	1.5 mm	2 m	2 m	0236500000
TS 35X15/LL 1M/ST/ZN	25 mm²	1.5 mm	1 m	10 m	0236510000
TS 35X15/LL/6x18 2M/ST/ZN	25 mm²	1.5 mm	2 m	2 m	1805980000
TS 35X15/LL/6x25 2M/ST/ZN	25 mm²	1.5 mm	2 m	2 m	1866290000

TS 35 x 15 terminal rail



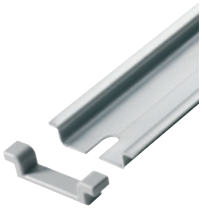
Unperforated

TSK 35 x 15

Plastic PVC RAL 7035	Length	Qty.	Order No.
TSK 35X15 2M PVC/GR	2 m	2 m	0514300000

TS 35 end caps

NEW



End cap TS 35 x 7.5	Qty.	Order No.
TS END CAP 35X7.5	100	1283470000

End cap TS 35 x 15		
TS END CAP 35X15	100	1283480000

End brackets

For TS 15 terminal rail

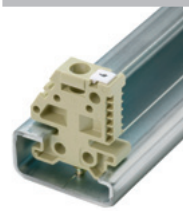
EW 15

EW 15/2

ZEW 15

Polyamide 66, screw-in	Colour	Torque	Qty.	Order No.
EW 15	beige	0.4 Nm	50	0382860000
Polyamide with fibreglass, screw-in				
EW 15/2	dark beige	0.4 Nm	50	1071900000
Polyamide 66, screwless				
ZEW 15	beige		20	7920340000

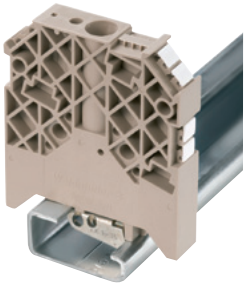
For TS 32 terminal rail



EWK 1

EWK 2

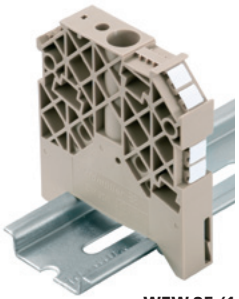
MEW 1/32



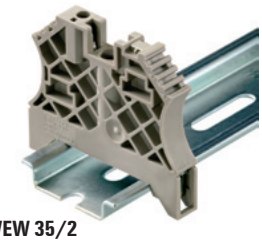
WEW 32/1

Polyamide 66, screw-in	Colour	Torque	Qty.	Order No.
EWK 2	beige	1.2 Nm	50	0199360000
EWK 1	beige	1.2 Nm	50	0206160000
Polyamide with fibreglass, screw-in				
WEW 32/1	dark beige	0.5 Nm	50	1067600000
Metal, screw-in				
MEW 1/32	silver	2 Nm	20	0445600000

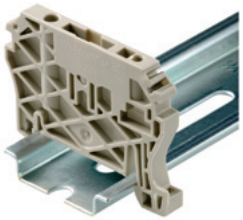
For TS 35 terminal rail



WEW 35/1

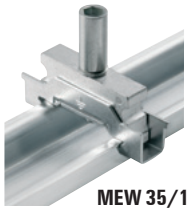


WEW 35/2



ZEW 35/2

EW 35



MEW 35/1

Polyamide with fibreglass, screw-in	Colour	Torque	Qty.	Order No.
WEW 35/1	dark beige	1.2 Nm	50	1059000000
WEW-35/2	dark beige	0.5 Nm	100	1061200000
WEW 35/1 GR	grey	1.2 Nm	50	1227890000
WEW 35/1 SW	black	1.2 Nm	50	1162600000
WEW 35/2 GR	grey	0.5 Nm	100	1859200000
WEW 35/3 SW	black	0.5 Nm	100	1061210000
Polyamide 66, screwless				
ZEW (6 mm)	beige		20	9540000000
ZEW 35/2 (8 mm)	beige		20	8630740000
ZEW 35 GR	grey		20	1238040000
ZEW 35/2 GR	grey		20	1227850000
ZEW 35/2 SW	black		20	1162610000
Polyamide 66, screw-in				
EW 35	beige	0.5 Nm	50	0383560000
EW 35 GR	grey	0.5 Nm	50	0383530000
EW 35 DB (V0)	dark beige		50	1269050000
	silver	5.5 Nm	10	1805610000
Metal, screwable				
MEW 35/1	silver	5.5 Nm	10	1805610000

Terminal rail supports

TSTW 5/M5

TSTW 5/M5 galvanised

TSTW 6/M6

TST

	Thread	Qty.	Order No.
TSTW 5/M5	M5	10	**0178100000**
TSTW 5/M5 galvanised	M5	10	**1779100000**
TSTW 6/M6	M6	10	**0164000000**

Terminal rail supports of type **TSTW** are used for angled fixing of terminal rails at an angle of 35°.

TST 2/M5	M5	10	**1286600000**
TST 2/M6	M6	10	**0101700000**

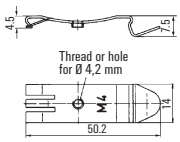
The **TST** terminal rail support is used for assembly of terminal rails in a frame or over a cut-out

Fixing screws		
FKSC M5x8 Ø9	50	**0295900000**
FKSC M6x8 Ø9	50	**0642600000**
FKSC M6x12 Ø9	50	**0353500000**

Weidmüller supplies fixing screws with hexagonal sockets and a very low head for the terminal rail supports so that the terminals can also be fitted over the screw.

Mounting feet

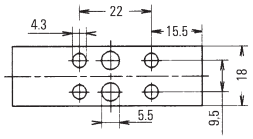
FM 4



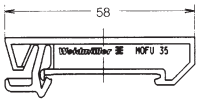
FM 5, FM 6 and FM 4.2: similar to illustrations

Clip-on foot, steel for TS 35	Thread	Qty.	Order No.
FM 4	M4	40	0687900000
FM 5	M5	40	0636800000
FM 6	M6	40	0636900000
FM 4.2	Hole ø 4.2 mm	40	1724580000

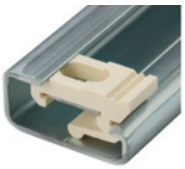
MOFU 35/LO/1



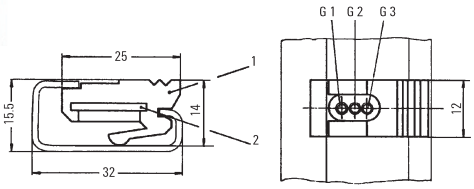
MOFU 35



Mounting foot, PA orange for TS 35			
MOFU 35/LO/1	with holes	20	0646260000
MOFU 35		20	0495660000
MOFU 35/LO/1	black	20	0646210000



MB



Sliding nut for TS 32		Colour		
MB M3/M5	M3 and M5	creme	20	0503500000
MB M5/M3	M5 and M3	black	20	0553400000
MB M6/M4	M6 and M4	grey	20	0334900000

The sliding nut for the RS 32 terminal rail has two threaded holes for screws M3 + M5 / M6 + M4 / M5 + M3.
It is used to fasten components which cannot be slotted directly onto the TS 32, in particular the smaller TS 15 top hat rail.
This enables, for example, mini-terminals to be snapped onto the TS 15 first, and this rail is then fastened together with the terminals to the TS 32 using the sliding nut.

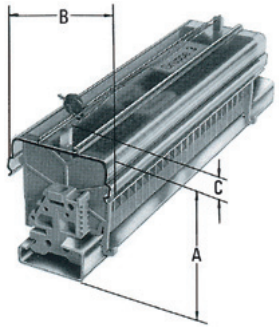
Several German safety regulations, e.g. VBG 4 and VDE 0106 part 100, call for the active parts of electrical equipment to be protected against direct contact.

For this purpose, Weidmüller can supply cover strips and associated retaining plates which can be used for the common sizes of terminal. Retaining plates are fitted at the ends of a terminal strip but can also be inserted between terminals. They are suitable for mounting on TS 32, TS 35 or TS 15 terminal rails.

Spacing of retaining plates:
The distance between the retaining plates for the ADP 1, 2 and 3 cover strips should not exceed 300 mm.

The cover strip is clipped into lugs at the sides, but can also be fixed to spigots on the retaining plates which can be provided with a lead seal.

The cover strips are transparent so that terminals with accessories and markings can be identified at any time. Additional markings, e.g. groups, can be attached to the cover strips.

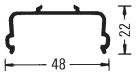
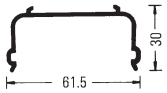
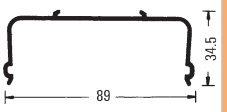


ADP

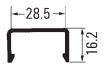
Cover strips

Material: unplasticised PVC
Supplied in 1 m lengths
Temperature limit: max. 70 °C

transparent

Type		Order No.
ADP 1		0485200000
ADP 2		0485300000
ADP 3		0485400000
ADP 4 (1000 mm)		1430760000

grey

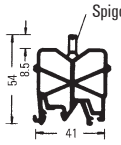
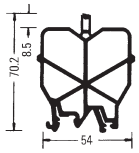
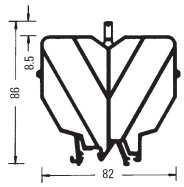
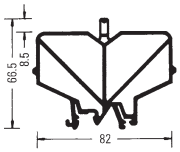
Type		Order No.
ADP 4 (300 mm)		1378160000
TSK 31.5		0347960000

HP

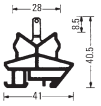
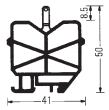
Retaining plates

Material: PA 66
Thickness: 2 mm

For mounting on TS 35 / TS 32, with spigot for lead seal

Type		Order No.
HP 1	Spigot for lead seal 	0485560000
HP 2		0485660000
HP 3		0485760000
HP 4		0485860000

For mounting on TS 15

Type		Order No.
HP 7		0258260000
HP 8		0258360000

Covers

Overall dimensions	A	A	A	A	B	C
for mounting on terminal rails	TS 32	TS 35 x 7.5	TS 35 x 15	TS 15		
ADP 1, HP 1	61	56	63		49	6
ADP 2, HP 2	77	72	79		62.5	6
ADP 3, HP 3	94	89	86		92	6
ADP 3, HP 4	73.5	68.5	75.5		92	6
ADP 1, HP 8				45	49	6
TSK 31.5, HP 7				35	31	6

Marking materials	Type	Qty.	Order No.
Card with warning "lightning flash", self adhesive 20 pcs. per card	BEZ.-KARTE ADP	10	0566700000

Terminal markers

Weidmüller's multitude of different terminal markers enable users to solve virtually every labelling task for all types of wire and cable connectors. Whether multi-character labelling, ready-to-use markers with standard printing or individual, custom markers, whether white or coloured or group designations at terminals, the comprehensive range of Weidmüller products solves every marking task simply, quickly and clearly.

The tables on the following pages show which markers fit the various terminal series. The terminal pitch governs the selection of a marker. For example, a WDU 2.5 terminal has a pitch of 5 mm, the WS 12/5 marker is 12 mm long and suitable for a 5 mm pitch.

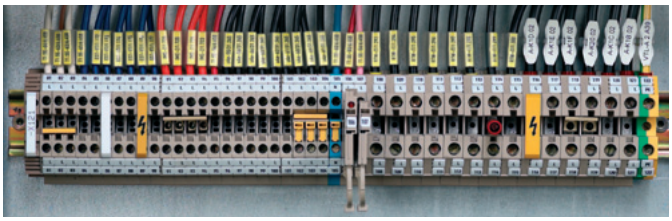
Whole blocks of terminals can be marked as a strip using the Weidmüller system. When a terminal with a larger pitch has to be marked (e.g. WDU 16), a smaller marker (e.g. WS 12/5) can be clipped onto it. Most of the markers are compatible with each other.

The two traditional marker series, DEK and WS, are available as ready-to-use markers. And these markers are also available in the MultiCard format for printing by users themselves.

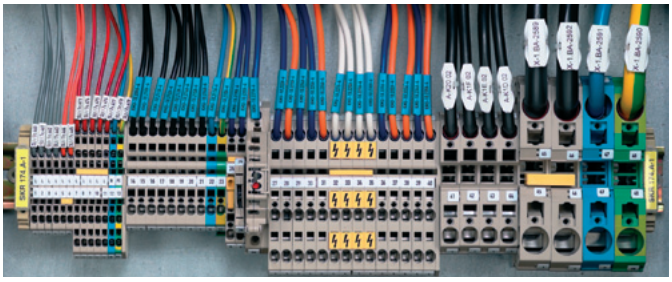
MultiCards can be printed on with the innovative PrintJet, Smark Laser, Plotter MCP Plus or MC-Mobilo printing systems, using M-Print PRO® software.

To see a small selection of the Weidmüller markers, order our bag of samples, order No. **1646670000**.

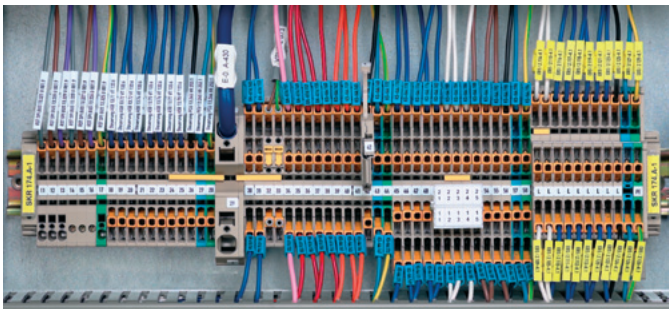
W series



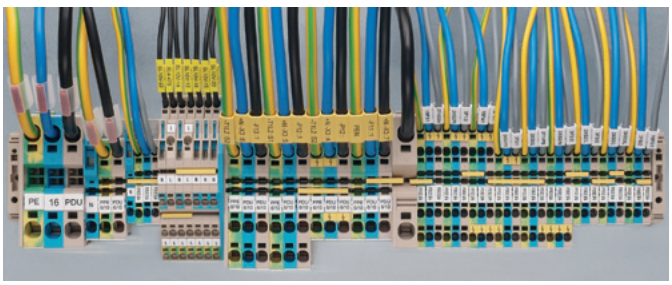
Z series



I series



P series



Owing to the sheer number of possible applications and environmental influences such as moisture, radiation, gases or heat/cold to which the products can be exposed, Weidmüller accepts no liability for the suitability of products in all customer applications. Suitability tests for specific applications must therefore be carried out by the customer. However, Weidmüller will be happy to provide help and advice upon request.

Due to the different identification systems available on the market, we wish to point out that Weidmüller does not guarantee industrial identification products if the Weidmüller components (markers – transparent sleeves – ink/toner/colour ink ribbons – printing systems) are combined with third-party products, unless Weidmüller has explicitly agreed for the purpose of an individual application.

Selection table

Designation	Terminal width	DEK	WS	ZS	SchT 7	SchT 9/4	SchT 14/6	WTS 3/4	WGB 5/ WAD 5	WGB 8/ WAD 8	WAD 12	WAD 27	ZGB 15/ ZGB 30	BZT 1	BZT 2	EM 8/30	Other
ADK 1	**6**	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKA 4	**6**	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKE 2.5/AKZ 2.5...	**5**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKE 2.5	**5.1**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKE 4	**7**	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKZ 1.5...	**5**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKZ 1.5-2.5	**5.1**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKZ 4	**6.1**	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKZ 4.../AKB 4...	**6**	6	8/5	-	-	x	-	-	-	-	-	-	-	-	-	-	-
AL 1	**6.5**	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ASK 1	**8**	8	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
AST 1-4/35	**6.2**	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AST 5/35	**6.5**	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BZT ZVL 1.5	**5.08**	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DK 4...	**6**	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DKT 4...	**6**	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DLA 2.5...	**6**	6	8/5	-	x	x	x	-	-	-	-	-	-	-	-	-	-
DLD 2.5...	**6**	6	8/5	-	x	x	x	-	-	-	-	-	-	-	-	-	-
DLI 2.5	**6**	6	8/5	-	x	x	x	-	-	-	-	-	-	-	-	-	-
EK 10	**10**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 16	**12**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 2.5...	**6**	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 35...	**16**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 4...	**6.5**	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 6/35	**8**	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EW 15	**9.5**	5	12/5	-	x	x	-	x	-	-	-	-	-	-	-	-	-
EW 15/2	**8**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EW 35	**8.5**	5	8/5	-	-	-	-	x	-	-	-	-	-	-	-	-	-
EWK	**8.5**	5	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EWK 1	**8.5**	5	8/5	-	-	-	-	x	-	-	-	-	-	-	-	-	-
EWK 2	**8.5**	5	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IAK 1.5N 3L	**5**	5	10/5[2)]	10/5	-	-	-	-	-	-	-	-	x	-	-	-	-
IDK 1.5N	**5**	5	10/5[2)]	10/5	-	x[3)]	-	-	-	-	-	-	-	-	-	-	-
IDK 1.5N/V	**5**	5	10/5[2)]	10/5	-	-	-	-	-	-	-	-	x	-	-	-	-
IDU 1.5 N ...	**5**	5	10/5[2)]	10/5	-	-	-	-	-	-	-	-	x	-	-	-	-
IEK 1.5N...	**5**	5	10/5[2)]	10/5	-	-	-	-	-	-	-	-	x	-	-	-	-
IIK 1.5N...	**5**	5	10/5[2)]	10/5	-	-	-	-	-	-	-	-	x	-	-	-	-
IPE 1.5N...	**5**	5	10/5[2)]	10/5	-	-	-	-	-	-	-	-	x	-	-	-	-
ITR 1.5N...	**5**	5	10/5[2)]	10/5	-	-	-	-	-	-	-	-	x	-	-	-	-
KDKS 1...	**8**	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KMVF...	**6**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KSKM...	**13**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KST...	**24-34**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAK 2.5/VLI 1.5...	**6**	6	8/5	-	x	x	x	-	-	-	-	-	x	-	-	-	-
NT...	**6-12**	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDK 2.5/4	**5**	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDL 4...	**5**	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDU 16	**12**	-	10/12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDU 2.5/4...	**5**	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDU 6/10...	**8**	8	10/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEI 16	**12**	-	10/12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PNT 16	**12**	-	10/12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PNT 2.5/4	**5**	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PNT 6/10	**8**	8	10/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPE 16	**12**	-	10/12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPE 2.5/4	**5**	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPE 6/10	**8**	8	10/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PTR 2.5/4...	**5.1**	5/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RSF 1-3...	**8**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAK 10...	**10**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAK 16...	**12**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAK 2.5	**6.1**	6	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAK 2.5/35	**5**	5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAK 35...	**18**	5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAK 4...	**6.5**	6.5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAK 6...	**8**	8	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAK 95/35	**28**	5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKA 10	**12**	5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKB 10	**10**	5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKC 10/35	**12**	6.5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKC 4/35	**6.5**	6.5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKD 2.5N	**5**	5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKG...	**32-54**	5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKH 35	**18**	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAKH 4-10	**6.5-14**	5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKK 10..	**11.5**	5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKK 4..	**8**	6.5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKR...	**6.5**	6.5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKS....	**13-28**	5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
SAKT...	**8**	6.5	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
VWGK 4...	**10**	5/5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VWGK 6...	**10**	5/5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1) = WS 10/6 Middle; 2) = WS 10/5 Middle; 3) = SnapMark

Terminal markers – Selection table

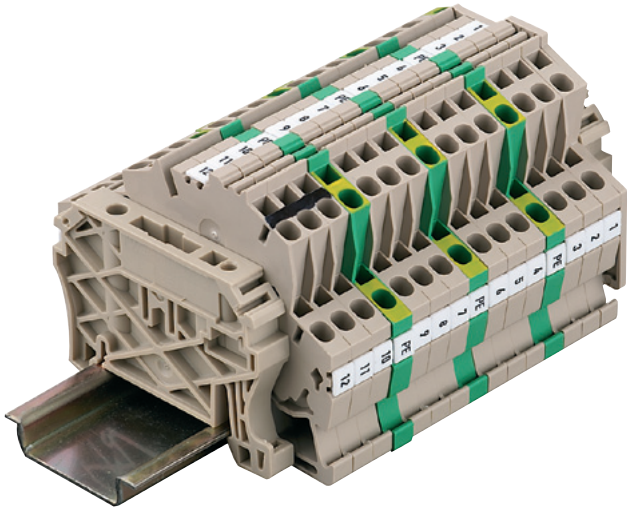
Designation	Terminal width	DEK	WS	ZS	SchT 7	SchT 9/4	SchT 14/6	WTS 3/4	WGB 5/ WAD 5	WGB 8/ WAD 8	WAD 12	WAD 27	ZGB 15/ ZGB 30	BZT 1	BZT 2	EM 8/30	Other
WDK 1.5/R 3.5...	**3.5**	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WDK 2.5 ...	**5**	5	8/5	-	-	x	-	-	-	-	-	-	x	-	-	-	-
WDK 2.5 800V	**6**	6	8/5	-	-	x	-	-	-	-	-	-	x	-	-	-	-
WDK 2.5/BLA R5.08	**5.08**	5	8/5	-	-	-	-	x	-	-	-	-	-	-	-	-	-
WDK 2.5/BLZ R5.08	**5.08**	5	8/5	-	-	-	-	x	-	-	-	-	-	-	-	-	-
WDK 2.5N...	**5**	5	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WDK 4N...	**5**	5	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WDL 2.5/...	**6**	6	8/5	-	-	-	-	x	-	-	-	-	x	-	-	-	-
WDT 1.5	**6.5**	6.5	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WDTR 2.5...	**6.2**	6	8/5	-	-	x	-	-	-	-	-	-	-	-	-	-	-
WDU (WPE) 120/150	**32**	5	10/5	-	-	-	-	x	-	-	-	x	-	-	-	-	-
WDU (WPE) 35 N	**16**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU (WPE) 70/95	**27**	5	12/5	-	-	-	-	x	-	-	-	x	-	-	-	-	-
WDU (WPE) 70N	**20.5**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU 1.5 LD/BLA	**5.08**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU 1.5/BLA	**5.08**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU 1.5/BLZ R7.62	**7.62**	5	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-
WDU 1.5/BLZ/5.08	**5.08**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU 1.5/BLZ/LD/5.08	**5.08**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU 1.5/R 3.5...	**3.5**	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WDU 1.5/R/BLA	**5.08**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU 1.5/ZZ	**5**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU 10 SL	**10**	5	12/5	-	x	x	x	x	x	x	-	-	x	-	-	-	-
WDU 10...	**10**	5	12/5	-	x	x	x	x	x	x	-	-	x	-	-	-	-
WDU 16 (/ZA)	**12**	5	12/5	-	x	x	x	x	-	-	x	-	x	-	-	-	-
WDU 16 N	**12**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU 2.5 F	**5**	5	12/5	-	-	-	-	x	-	-	-	-	-	-	-	-	-
WDU 2.5 FF	**5**	5	12/5	-	x	-	-	x	-	-	-	-	-	-	-	-	-
WDU 2.5 N (WDU 1.5)	**5**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU 2.5 TC...	**5**	5	12/5	-	x	x	-	x	-	-	-	-	x	-	-	-	-
WDU 2.5...	**5**	5	12/5	-	x	x	x	x	x	-	-	-	x	-	-	-	-
WDU 2.5/1.5/ZZ	**5**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU 2.5/BLZ R7.62	**7.62**	5	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-
WDU 240...	**36**	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WDU 35	**16**	5	12/5	-	x	x	x	x	-	-	x	-	x	-	-	-	-
WDU 4 ...	**6**	6	12/6	-	x	x	x	x	x	-	-	-	x	-	-	-	-
WDU 4N ...	**6**	6	12/6	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WDU 50N	**18.5**	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WDU 6 ...	**8**	8	12/8	-	x	x	x	x	x	x	-	-	x	-	-	-	-
WDU 95N	**27**	8	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WDUL 4	**6**	6	12/6	-	x	x	x	x	x	-	-	-	x	-	-	-	-
WEW 32/1	**12.2**	5	12/5	-	x	x	x	x	-	-	-	x	x	-	-	-	-
WEW 35/1	**12.2**	5	12/5	-	x	x	x	x	-	-	-	-	-	-	-	-	-
WEW 35/2	**8**	8	12/5	-	x	x	x	x	x	x	-	-	-	-	-	x	-
WF 10...	**35.6**	6	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WF 12...	**35.6**	6	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WF 5...	**13**	6	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WF 6...	**19.6**	6	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WF 8...	**24.6**	6	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WFF 120...	**42**	5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WFF 185...	**55**	5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WFF 300...	**55**	5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WFF 35...	**27**	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WFF 70...	**32**	5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WGK 10.../WGKV 10..	**10.1**	5/5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WGK 16...	**12.1**	5/5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WGK 25.../WGKV 25...	**15.1**	5/5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WGK 4.../WGKV 4...	**8.1**	5/8	10/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WGK 50...	**18.8**	6/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WGK 95...	**25**	5/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WMA 4...	**6**	6	12/6	-	x	x	x	x	x	-	-	-	x	-	-	-	-
WNT 10	**10**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WNT 16 N	**12**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WNT 2.5	**5**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WNT 35 N	**16**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WNT 4	**6**	6	12/6	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WNT 6	**8**	8	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WNT 70 N	**20.5**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WPDB...		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LM MT3000 15x9 GE
WPE 1.5/R3.5	**3.5**	3.5	12/3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPE 1.5/ZZ	**5**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WPE 10...	**10**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WPE 120	**32**	8	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPE 16	**12**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WPE 16 N	**12**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WPE 2.5 N (WPE 1.5)	**5**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WPE 2.5...	**5**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WPE 2.5/1.5/ZR	**5**	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPE 35...	**16**	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WPE 4	**6**	6	12/6	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WPE 4N	**6**	6	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Designation	Terminal width	DEK	WS	ZS	SchT 7	SchT 9/4	SchT 14/6	WTS 3/4	WGB 5/ WAD 5	WGB 8/ WAD 8	WAD 12	WAD 27	ZGB 15/ ZGB 30	BZT 1	BZT 2	EM 8/30	Other
WPE 50N	**18.5**	8	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPE 6	**8**	8	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-	-
WPE 95N/120N	**27**	8	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPO 4	**6**	6	10/6	-	-	-	-	-	-	-	-	-	x	-	-	-	-
WSI 25...	**18**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ESG 6/15
WSI 6...	**8**	8	12/5	-	-	-	-	x	-	-	-	-	x	-	-	-	-
WSI 6/2...	**12**	8	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WTD 6/1	**8**	8	12/5	-	-	-	-	x	-	-	-	-	x	-	-	-	-
WTL 35	**16**	-	12/6														-
WTL 4 ...	**6**	6	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WTL 6/1...	**8**	8	12/8	-	-	-	-	x	-	-	-	-	x	-	-	-	-
WTL 6/2	**8**	8	12/8	-	-	-	-	x	-	-	-	-	x	-	-	-	-
WTL 6/3...	**8**	8	12/8	-	-	-	-	x	-	-	-	-	x	-	-	-	-
WTQ 6/1	**8**	8	12/8	-	-	-	-	x	-	-	-	-	x	-	-	-	-
WTR 2.5 ...	**5**	5	12/5	-	-	-	-	x	-	-	-	-	x	-	-	-	-
WTR 35 E	**32**	-	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WTR 4...	**6**	6	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZAP/TW ZIA 1.5/...	**3.8**	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDK 1.5...	**3.5**	3.5	12/3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDK 2.5...	**5**	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-	-
ZDK 2.5-2...	**5**	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDK 2.5N...	**5.1**	5/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-	ZAD 9/4
ZDK 4/S/...	**6**	6	-	12/6	-	-	-	x	-	-	-	-	x	-	-	-	-
ZDK 6/S/...	**8**	8	-	-	-	-	-	x	-	-	-	-	x	-	-	-	-
ZDKPE 2.5	**5**	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDL 2.5/...	**5**	5	-	10/5	-	-	-	-	-	-	-	-	x	-	-	-	-
ZDLD 2.5-2...	**5**	5	-	10/5	-	-	-	-	-	-	-	-	x	-	-	-	-
ZDT 2.5 ...	**5**	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDTPE 2.5...	**5**	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDTR 2.5	**5**	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-	-
ZDU (ZPE) 10	**10**	5	12/5	15/5	-	x	-	-	-	-	-	-	x	x	x	-	-
ZDU (ZPE) 10/S...	**10**	5	10/5	15/5	-	x	-	-	-	-	-	-	x	x	x	-	-
ZDU (ZPE) 16...	**12**	5	12/5	15/5	-	x	-	x	-	-	-	-	x	x	x	-	-
ZDU (ZPE) 16/S...	**12**	5	10/5	15/5	-	x	-	-	-	-	-	-	x	x	x	-	-
ZDU (ZPE) 2.5 ...	**5**	5	12/5	15/5	-	-	-	x	-	-	-	-	x	x	x	-	-
ZDU (ZPE) 2.5-2/...	**5**	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-	-
ZDU (ZPE) 2.5N...	**5.1**	5/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-	ZAD 9/4
ZDU (ZPE) 35...	**16**	5	12/5	15/5	-	-	-	x	-	-	-	-	x	x	x	-	-
ZDU (ZPE) 4...	**6**	6	12/6	12/6	-	-	-	x	-	-	-	-	x	x	x	-	-
ZDU (ZPE) 4-2...	**6**	6	12/6	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDU (ZPE) 6...	**8**	8	12/8	15/5	-	-	-	x	-	-	-	-	x	x	x	-	-
ZDU (ZPE) 6-2...	**8**	8	12/8	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDU 1.5...	**3.5**	3.5	12/3.5	-	-	-	-	-	-	-	-	-	-	x	x	-	-
ZDUA (ZPEA) 2.5-2	**5**	5	8/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-	-
ZDUA 2.5-2N	**5**	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDUB (ZPEB) 2.5-2/...	**5**	5	8/5	15/5	-	-	-	-	-	-	-	-	x	-	-	-	-
ZEI 16	**16**	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-	-
ZEI 6	**10**	8	12/6	12/6	-	-	-	x	-	-	-	-	x	x	x	-	-
ZEW 35/2	**8**	8	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-
ZIA 1.5 ...	**5.08**	5	8/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-	-
ZMAK 2.5	**5**	5	10/5	15/5	-	-	-	-	-	-	-	-	x	-	-	-	-
ZNT 10/S	**10**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZNT 16/S	**12**	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZNT 2.5/S	**5**	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZNT 4/S	**6**	6	10/6	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-
ZNT 6/S	**8**	8	10/6	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-
ZP 2.5...	**5.1**	5/5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZPE 16-2/1 AN	**12**	8	12/6	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-
ZPV 1.5	**5.08**	5	12/5	15/5	-	x	x	x	-	-	-	-	x	-	-	-	-
ZRV 1.5...	**5**	5	8/5	10/5	-	x	x	x	-	-	-	-	x	-	-	-	-
ZSI 2.5...	**8**	8	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-	-
ZSI 2.5/2...	**12**	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-	-
ZSI 6-2/FC	**8**	6	12/6	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-
ZT 2.5 ...	**5**	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZTD 6	**8**	8	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZTL 6	**8**	8	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZTPE 2.5 ...	**5**	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZTR 2.5...	**5**	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-	-
ZTR 2.5-2...	**5**	5	14/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-

DEK card with printing

The Dekafix marker is the universal marker for terminals and plug-in connectors as well as electronic modules from the Weidmüller product range. Dekafix provides you with a wide range of standard printing options. The system is particularly suitable for short sequences of numbers and is also available with customer specific printing.

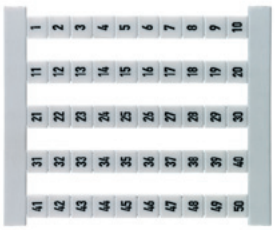
- In strips for fast installation
- Large selection of ready-to-use printed markers
- Excellent printing quality thanks to the MC Laser
- Available in 4 widths
- Custom printing also possible



GW

FWZ

blank



FS

Technical data

Material	Polyamide 66, halogen-free
UL94 flammability rating	V2
Temperature range	–40 °C to 100 °C
Printing	black

Ordering data

Colour	Available in all colours of the international colour code; for MC on request ● brown ● red ● orange ● yellow ● green ● blue ● violet ● grey ○ white	
Qty.	500 pcs	
Pitch	DEK 5 = 5 mm : DEK 6 = 6 mm : DEK 6.5 = 6.5 mm : DEK 8 = 8 mm	
Printing variations	FW = consecutive horizontal	e.g. DEK 5 FW 1-50
	FS = consecutive vertical	e.g. DEK 5 FS 51-100
	FWZ = consecutive horizontal line	e.g. DEK 5 FWZ 1-10
	FSZ = consecutive vertical line	e.g. DEK 5 FSZ 21-30
	GW = identical horizontal	e.g. DEK 5 GW A
	GS = identical vertical	e.g. DEK 5 GS B
No. of characters	**horizontal**	**vertical**
Dek 5	max. 3 characters	max. 3 characters
Dek 6	max. 3 characters	max. 3 characters
Dek 6.5	max. 4 characters	max. 3 characters
Dek 8	max. 5 characters	max. 3 characters
Specifications for custom printing	Colour and print specifications	

Versions DEK

Type/Print	Order No.
DEK 5 BL NEUTRAL	0473391693
DEK 5 BR NEUTRAL	0473391692
DEK 5 FS 1-50	0473560001
DEK 5 FS 101-150	0473560101
DEK 5 FS 151-200	0473560151
DEK 5 FS 201-250	0473560201
DEK 5 FS 251-300	0473560251
DEK 5 FS 301-350	0473560301
DEK 5 FS 351-400	0473560351
DEK 5 FS 401-450	0473560401
DEK 5 FS 451-500	0473560451
DEK 5 FS 501-550	0473560501
DEK 5 FS 51-100	0473560051
DEK 5 FS 551-600	0473560551
DEK 5 FS 601-650	0473560601
DEK 5 FS 651-700	0473560651
DEK 5 FS 701-750	0473560701
DEK 5 FS 751-800	0473560751
DEK 5 FS 801-850	0473560801
DEK 5 FS 851-900	0473560851
DEK 5 FS 901-950	0473560901
DEK 5 FS 951-999	0473560951
DEK 5 FSZ 1-10	0460660001
DEK 5 FSZ 11-20	0460660011
DEK 5 FSZ 21-30	0460660021
DEK 5 FSZ 31-40	0460660031
DEK 5 FSZ 41-50	0460660041
DEK 5 FSZ 51-60	0460660051
DEK 5 FSZ 61-70	0460660061
DEK 5 FSZ 71-80	0460660071
DEK 5 FSZ 81-90	0460660081
DEK 5 FSZ 91-100	0460660091
DEK 5 FW 1,3,5,...99	1358460000
DEK 5 FW 1-50	0473460001
DEK 5 FW 10-500	0132660010
DEK 5 FW 101-150	0473460101
DEK 5 FW 151-200	0473460151
DEK 5 FW 2,4,...100	1358560000
DEK 5 FW 201-250	0473460201
DEK 5 FW 251-300	0473460251
DEK 5 FW 301-350	0473460301
DEK 5 FW 351-400	0473460351
DEK 5 FW 401-450	0473460401
DEK 5 FW 451-500	0473460451
DEK 5 FW 501-550	0473460501
DEK 5 FW 51-100	0473460051
DEK 5 FW 551-600	0473460551
DEK 5 FW 601-650	0473460601
DEK 5 FW 651-700	0473460651
DEK 5 FW 701-750	0473460701
DEK 5 FW 751-800	0473460751
DEK 5 FW 801-850	0473460801
DEK 5 FW 851-900	0473460851
DEK 5 FW 901-950	0473460901
DEK 5 FW 951-999	0473460951
DEK 5 FW U1-PE1	0133161114
DEK 5 FW U2-PE2	0133161115
DEK 5 FW U3-PE3	0133161116
DEK 5 FW U4-PE4	0133161117
DEK 5 FW U5-PE5	0133161118
DEK 5 FW U6-PE6	0133161119
DEK 5 FW U7-PE7	0133161120
DEK 5 FW U8-PE8	0133161121
DEK 5 FW U9-PE9	0133161122
DEK 5 FW X1-Z1	0133261150
DEK 5 FW X10-Z10	0133261159
DEK 5 FW X2-Z2	0133261151
DEK 5 FW X3-Z3	0133261152
DEK 5 FW X4-Z4	0133261153
DEK 5 FW X5-Z5	0133261154
DEK 5 FW X6-Z6	0133261155
DEK 5 FW X7-Z7	0133261156

Type/Print	Order No.
DEK 5 FW X8-Z8	0133261157
DEK 5 FW X9-Z9	0133261158
DEK 5 FWZ 1-10	0523060001
DEK 5 FWZ 1-19	0235860000
DEK 5 FWZ 1-9	1572000000
DEK 5 FWZ 11-20	0523060011
DEK 5 FWZ 2-20	0236160000
DEK 5 FWZ 21-30	0523060021
DEK 5 FWZ 21-39	0235960000
DEK 5 FWZ 22-40	0236260000
DEK 5 FWZ 31-40	0523060031
DEK 5 FWZ 41-50	0523060041
DEK 5 FWZ 41-59	0236060000
DEK 5 FWZ 42-60	0236360000
DEK 5 FWZ 51-60	0523060051
DEK 5 FWZ 61-70	0523060061
DEK 5 FWZ 71-80	0523060071
DEK 5 FWZ 81-90	0523060081
DEK 5 FWZ 91-100	0523060091
DEK 5 FWZ L1-EIK	0354361203
DEK 5 FWZ L1-PE	0354361187
DEK 5 FWZ U,V,W,N,PE	0558360000
DEK 5 GE NEUTRAL	0473391687
DEK 5 GN NEUTRAL	0473391688
DEK 5 GR NEUTRAL	0473391691
DEK 5 GS A	0132961021
DEK 5 GS B	0132961022
DEK 5 GS C	0132961023
DEK 5 GS D	0132961024
DEK 5 GS E	0132961025
DEK 5 GS F	0132961026
DEK 5 GS G	0132961027
DEK 5 GS H	0132961028
DEK 5 GS I	0132961029
DEK 5 GS J	0132961030
DEK 5 GS K	0132961031
DEK 5 GS L	0132961032
DEK 5 GS M	0132961033
DEK 5 GS N	0132961034
DEK 5 GS O	0132961035
DEK 5 GS P	0132961036
DEK 5 GS PE	0157261187
DEK 5 GS Q	0132961037
DEK 5 GS R	0132961038
DEK 5 GS S	0132961039
DEK 5 GS T	0132961040
DEK 5 GS U	0132961041
DEK 5 GS V	0132961042
DEK 5 GS W	0132961043
DEK 5 GS X	0132961044
DEK 5 GS Y	0132961045
DEK 5 GS Z	0132961046
DEK 5 GS g	0157261202
DEK 5 GS h	0157261203
DEK 5 GW	0576260000
DEK 5 GW 1	0522660001
DEK 5 GW 2	0522660002
DEK 5 GW 3	0522660003
DEK 5 GW 4	0522660004
DEK 5 GW 5	0522660005
DEK 5 GW 6	0522660006
DEK 5 GW 7	0522660007
DEK 5 GW 8	0522660008
DEK 5 GW 9	0522660009
DEK 5 GW 10	0522660010
DEK 5 GW 11	0522660011
DEK 5 GW 12	0522660012
DEK 5 GW 13	0522660013
DEK 5 GW 14	0522660014
DEK 5 GW 15	0522660015
DEK 5 GW 16	0522660016
DEK 5 GW 17	0522660017

Type/Print	Order No.
DEK 5 GW 18	0522660018
DEK 5 GW 19	0522660019
DEK 5 GW 20	0522660020
DEK 5 GW 21	0522660021
DEK 5 GW 22	0522660022
DEK 5 GW 23	0522660023
DEK 5 GW 24	0522660024
DEK 5 GW 25	0522660025
DEK 5 GW 26	0522660026
DEK 5 GW 27	0522660027
DEK 5 GW 28	0522660028
DEK 5 GW 29	0522660029
DEK 5 GW 30	0522660030
DEK 5 GW 31	0522660031
DEK 5 GW 32	0522660032
DEK 5 GW 33	0522660033
DEK 5 GW 34	0522660034
DEK 5 GW 35	0522660035
DEK 5 GW 36	0522660036
DEK 5 GW 37	0522660037
DEK 5 GW 38	0522660038
DEK 5 GW 39	0522660039
DEK 5 GW 40	0522660040
DEK 5 GW 41	0522660041
DEK 5 GW 42	0522660042
DEK 5 GW 43	0522660043
DEK 5 GW 44	0522660044
DEK 5 GW 45	0522660045
DEK 5 GW 46	0522660046
DEK 5 GW 47	0522660047
DEK 5 GW 48	0522660048
DEK 5 GW 49	0522660049
DEK 5 GW 50	0522660050
DEK 5 GW 51	0522660051
DEK 5 GW 52	0522660052
DEK 5 GW 53	0522660053
DEK 5 GW 54	0522660054
DEK 5 GW 55	0522660055
DEK 5 GW 56	0522660056
DEK 5 GW 57	0522660057
DEK 5 GW 58	0522660058
DEK 5 GW 59	0522660059
DEK 5 GW 60	0522660060
DEK 5 GW 61	0522660061
DEK 5 GW 62	0522660062
DEK 5 GW 63	0522660063
DEK 5 GW 64	0522660064
DEK 5 GW 65	0522660065
DEK 5 GW 66	0522660066
DEK 5 GW 67	0522660067
DEK 5 GW 68	0522660068
DEK 5 GW 69	0522660069
DEK 5 GW 70	0522660070
DEK 5 GW 71	0522660071
DEK 5 GW 72	0522660072
DEK 5 GW 73	0522660073
DEK 5 GW 74	0522660074
DEK 5 GW 75	0522660075
DEK 5 GW 76	0522660076
DEK 5 GW 77	0522660077
DEK 5 GW 78	0522660078
DEK 5 GW 79	0522660079
DEK 5 GW 80	0522660080
DEK 5 GW 81	0522660081
DEK 5 GW 82	0522660082
DEK 5 GW 83	0522660083
DEK 5 GW 84	0522660084
DEK 5 GW 85	0522660085
DEK 5 GW 86	0522660086
DEK 5 GW 87	0522660087
DEK 5 GW 88	0522660088
DEK 5 GW 89	0522660089

Type/Print	Order No.
DEK 5 GW 90	0522660090
DEK 5 GW 91	0522660091
DEK 5 GW 92	0522660092
DEK 5 GW 93	0522660093
DEK 5 GW 94	0522660094
DEK 5 GW 95	0522660095
DEK 5 GW 96	0522660096
DEK 5 GW 97	0522660097
DEK 5 GW 98	0522660098
DEK 5 GW 99	0522660099
DEK 5 GW 100	0522660100
DEK 5 GW 101	0522660101
DEK 5 GW 102	0522660102
DEK 5 GW 103	0522660103
DEK 5 GW 104	0522660104
DEK 5 GW 105	0522660105
DEK 5 GW 106	0522660106
DEK 5 GW 107	0522660107
DEK 5 GW 108	0522660108
DEK 5 GW 109	0522660109
DEK 5 GW 110	0522660110
DEK 5 GW 111	0522660111
DEK 5 GW 112	0522660112
DEK 5 GW 113	0522660113
DEK 5 GW 114	0522660114
DEK 5 GW 115	0522660115
DEK 5 GW 116	0522660116
DEK 5 GW 117	0522660117
DEK 5 GW 118	0522660118
DEK 5 GW 119	0522660119
DEK 5 GW 120	0522660120
DEK 5 GW 121	0522660121
DEK 5 GW 122	0522660122
DEK 5 GW 123	0522660123
DEK 5 GW 124	0522660124
DEK 5 GW 125	0522660125
DEK 5 GW 126	0522660126
DEK 5 GW 127	0522660127
DEK 5 GW 128	0522660128
DEK 5 GW 129	0522660129
DEK 5 GW 130	0522660130
DEK 5 GW 131	0522660131
DEK 5 GW 132	0522660132
DEK 5 GW 133	0522660133
DEK 5 GW 134	0522660134
DEK 5 GW 135	0522660135
DEK 5 GW 136	0522660136
DEK 5 GW 137	0522660137
DEK 5 GW 138	0522660138
DEK 5 GW 139	0522660139
DEK 5 GW 140	0522660140
DEK 5 GW 141	0522660141
DEK 5 GW 142	0522660142
DEK 5 GW 143	0522660143
DEK 5 GW 144	0522660144
DEK 5 GW 145	0522660145
DEK 5 GW 146	0522660146
DEK 5 GW 147	0522660147
DEK 5 GW 148	0522660148
DEK 5 GW 149	0522660149
DEK 5 GW 150	0522660150
DEK 5 GW 151	0522660151
DEK 5 GW 152	0522660152
DEK 5 GW 153	0522660153
DEK 5 GW 154	0522660154
DEK 5 GW 155	0522660155
DEK 5 GW 156	0522660156
DEK 5 GW 157	0522660157
DEK 5 GW 158	0522660158
DEK 5 GW 159	0522660159
DEK 5 GW 160	0522660160
DEK 5 GW 161	0522660161

Versions DEK

Type/Print	Order No.
DEK 5 GW 162	0522660162
DEK 5 GW 163	0522660163
DEK 5 GW 164	0522660164
DEK 5 GW 165	0522660165
DEK 5 GW 166	0522660166
DEK 5 GW 167	0522660167
DEK 5 GW 168	0522660168
DEK 5 GW 169	0522660169
DEK 5 GW 170	0522660170
DEK 5 GW 171	0522660171
DEK 5 GW 172	0522660172
DEK 5 GW 173	0522660173
DEK 5 GW 174	0522660174
DEK 5 GW 175	0522660175
DEK 5 GW 176	0522660176
DEK 5 GW 177	0522660177
DEK 5 GW 178	0522660178
DEK 5 GW 179	0522660179
DEK 5 GW 180	0522660180
DEK 5 GW 181	0522660181
DEK 5 GW 182	0522660182
DEK 5 GW 183	0522660183
DEK 5 GW 184	0522660184
DEK 5 GW 185	0522660185
DEK 5 GW 186	0522660186
DEK 5 GW 187	0522660187
DEK 5 GW 188	0522660188
DEK 5 GW 189	0522660189
DEK 5 GW 190	0522660190
DEK 5 GW 191	0522660191
DEK 5 GW 192	0522660192
DEK 5 GW 193	0522660193
DEK 5 GW 194	0522660194
DEK 5 GW 195	0522660195
DEK 5 GW 196	0522660196
DEK 5 GW 197	0522660197
DEK 5 GW 198	0522660198
DEK 5 GW 199	0522660199
DEK 5 GW 200	0522660200
DEK 5 GW A	0522761021
DEK 5 GW B	0522761022
DEK 5 GW BL/SW -	0576291741
DEK 5 GW C	0522761023
DEK 5 GW D	0522761024
DEK 5 GW E	0522761025
DEK 5 GW F	0522761026
DEK 5 GW G	0522761027
DEK 5 GW H	0522761028
DEK 5 GW I	0522761029
DEK 5 GW J	0522761030
DEK 5 GW K	0522761031
DEK 5 GW L	0522761032
DEK 5 GW L1	0522361075
DEK 5 GW L2	0522361076
DEK 5 GW L3	0522361077
DEK 5 GW M	0522761033
DEK 5 GW MP	0537261235
DEK 5 GW N	0522761034
DEK 5 GW O	0522761035
DEK 5 GW P	0522761036
DEK 5 GW PE	0537261187
DEK 5 GW PEN	0537261188
DEK 5 GW Q	0522761037
DEK 5 GW R	0522761038
DEK 5 GW RT/SW +	0576291737
DEK 5 GW S	0522761039
DEK 5 GW T	0522761040
DEK 5 GW U	0522761041
DEK 5 GW V	0522761042
DEK 5 GW W	0522761043
DEK 5 GW W-STROM	0576261215
DEK 5 GW X	0522761044

Type/Print	Order No.
DEK 5 GW Y	0522761045
DEK 5 GW Z	0522761046
DEK 5 GW +	0576261198
DEK 5 GW -	0576261199
DEK 5 GW g	0576261202
DEK 5 GW h	0576261203
DEK 5 NEUTRAL	0473360000
DEK 5 OR NEUTRAL	0473391690
DEK 5 RT NEUTRAL	0473391686
DEK 5 SW NEUTRAL	0473391694
DEK 5 VI NEUTRAL	0473391689
DEK 5/3,5 MC FS 1-10	1762320001
DEK 5/3,5 MC FS 101-110	1762320101
DEK 5/3,5 MC FS 11-20	1762320011
DEK 5/3,5 MC FS 111-120	1762320111
DEK 5/3,5 MC FS 121-130	1762320121
DEK 5/3,5 MC FS 131-140	1762320131
DEK 5/3,5 MC FS 141-150	1762320141
DEK 5/3,5 MC FS 21-30	1762320021
DEK 5/3,5 MC FS 31-40	1762320031
DEK 5/3,5 MC FS 41-50	1762320041
DEK 5/3,5 MC FS 51-60	1762320051
DEK 5/3,5 MC FS 61-70	1762320061
DEK 5/3,5 MC FS 71-80	1762320071
DEK 5/3,5 MC FS 81-90	1762320081
DEK 5/3,5 MC FS 91-100	1762320091
DEK 5/3,5 MC GW 0	1755281000
DEK 5/3,5 MC GW 1	1755280001
DEK 5/3,5 MC GW 2	1755280002
DEK 5/3,5 MC GW 3	1755280003
DEK 5/3,5 MC GW 4	1755280004
DEK 5/3,5 MC GW 5	1755280005
DEK 5/3,5 MC GW 6	1755280006
DEK 5/3,5 MC GW 7	1755280007
DEK 5/3,5 MC GW 8	1755280008
DEK 5/3,5 MC GW 9	1755280009
DEK 6 BL NEUTRAL	0468591693
DEK 6 BR NEUTRAL	0468591692
DEK 6 FS 1-50	0468760001
DEK 6 FS 101-150	0468760101
DEK 6 FS 151-200	0468760151
DEK 6 FS 201-250	0468760201
DEK 6 FS 251-300	0468760251
DEK 6 FS 301-350	0468760301
DEK 6 FS 351-400	0468760351
DEK 6 FS 401-450	0468760401
DEK 6 FS 451-500	0468760451
DEK 6 FS 501-550	0468760501
DEK 6 FS 51-100	0468760051
DEK 6 FS 551-600	0468760551
DEK 6 FS 601-650	0468760601
DEK 6 FS 651-700	0468760651
DEK 6 FS 701-750	0468760701
DEK 6 FS 751-800	0468760751
DEK 6 FS 801-850	0468760801
DEK 6 FS 851-900	0468760851
DEK 6 FS 901-950	0468760901
DEK 6 FS 951-999	0468760951
DEK 6 FSZ 1-10	0133360001
DEK 6 FSZ 11-20	0133360011
DEK 6 FSZ 21-30	0133360021
DEK 6 FSZ 31-40	0133360031
DEK 6 FSZ 41-50	0133360041
DEK 6 FSZ 51-60	0133360051
DEK 6 FSZ 61-70	0133360061
DEK 6 FSZ 71-80	0133360071
DEK 6 FSZ 81-90	0133360081
DEK 6 FSZ 91-100	0133360091
DEK 6 FW 1,3,5...99	1358660000
DEK 6 FW 1-5 (10X)	0688660000

Type/Print	Order No.
DEK 6 FW 1-50	0468660001
DEK 6 FW 101-150	0468660101
DEK 6 FW 151-200	0468660151
DEK 6 FW 2,4,...100	1358760000
DEK 6 FW 201-250	0468660201
DEK 6 FW 251-300	0468660251
DEK 6 FW 301-350	0468660301
DEK 6 FW 351-400	0468660351
DEK 6 FW 401-450	0468660401
DEK 6 FW 451-500	0468660451
DEK 6 FW 501-550	0468660501
DEK 6 FW 51-100	0468660051
DEK 6 FW 551-600	0468660551
DEK 6 FW 601-650	0468660601
DEK 6 FW 651-700	0468660651
DEK 6 FW 701-750	0468660701
DEK 6 FW 751-800	0468660751
DEK 6 FW 801-850	0468660801
DEK 6 FW 851-900	0468660851
DEK 6 FW 901-950	0468660901
DEK 6 FW 951-999	0468660951
DEK 6 FW L,N,PE	0632560000
DEK 6 FWZ 1-10	0518960001
DEK 6 FWZ 101-110	0518960101
DEK 6 FWZ 11-20	0518960011
DEK 6 FWZ 111-120	0518960111
DEK 6 FWZ 121-130	0518960121
DEK 6 FWZ 131-140	0518960131
DEK 6 FWZ 141-150	0518960141
DEK 6 FWZ 151-160	0518960151
DEK 6 FWZ 161-170	0518960161
DEK 6 FWZ 171-180	0518960171
DEK 6 FWZ 181-190	0518960181
DEK 6 FWZ 191-200	0518960191
DEK 6 FWZ 201-210	0518960201
DEK 6 FWZ 21-30	0518960021
DEK 6 FWZ 31-40	0518960031
DEK 6 FWZ 41-50	0518960041
DEK 6 FWZ 51-60	0518960051
DEK 6 FWZ 61-70	0518960061
DEK 6 FWZ 71-80	0518960071
DEK 6 FWZ 81-90	0518960081
DEK 6 FWZ 91-100	0518960091
DEK 6 FWZ L1-h	0631961203
DEK 6 FWZ L1-PE	0631961187
DEK 6 FWZ R,S,T,N,g	0631860000
DEK 6 GE NEUTRAL	0468591687
DEK 6 GN NEUTRAL	0468591688
DEK 6 GR NEUTRAL	0468591691
DEK 6 GW 0	0526961000
DEK 6 GW 1	0526960001
DEK 6 GW 2	0526960002
DEK 6 GW 3	0526960003
DEK 6 GW 4	0526960004
DEK 6 GW 5	0526960005
DEK 6 GW 6	0526960006
DEK 6 GW 7	0526960007
DEK 6 GW 8	0526960008
DEK 6 GW 9	0526960009
DEK 6 GW 10	0526960010
DEK 6 GW 11	0526960011
DEK 6 GW 12	0526960012
DEK 6 GW 13	0526960013
DEK 6 GW 14	0526960014
DEK 6 GW 15	0526960015
DEK 6 GW 16	0526960016
DEK 6 GW 17	0526960017
DEK 6 GW 18	0526960018
DEK 6 GW 19	0526960019
DEK 6 GW 20	0526960020
DEK 6 GW 21	0526960021
DEK 6 GW 22	0526960022

Type/Print	Order No.
DEK 6 GW 23	0526960023
DEK 6 GW 24	0526960024
DEK 6 GW 25	0526960025
DEK 6 GW 26	0526960026
DEK 6 GW 27	0526960027
DEK 6 GW 28	0526960028
DEK 6 GW 29	0526960029
DEK 6 GW 30	0526960030
DEK 6 GW 31	0526960031
DEK 6 GW 32	0526960032
DEK 6 GW 33	0526960033
DEK 6 GW 34	0526960034
DEK 6 GW 35	0526960035
DEK 6 GW 36	0526960036
DEK 6 GW 37	0526960037
DEK 6 GW 38	0526960038
DEK 6 GW 39	0526960039
DEK 6 GW 40	0526960040
DEK 6 GW 41	0526960041
DEK 6 GW 42	0526960042
DEK 6 GW 43	0526960043
DEK 6 GW 44	0526960044
DEK 6 GW 45	0526960045
DEK 6 GW 46	0526960046
DEK 6 GW 47	0526960047
DEK 6 GW 48	0526960048
DEK 6 GW 49	0526960049
DEK 6 GW 50	0526960050
DEK 6 GW 51	0526960051
DEK 6 GW 52	0526960052
DEK 6 GW 53	0526960053
DEK 6 GW 54	0526960054
DEK 6 GW 55	0526960055
DEK 6 GW 56	0526960056
DEK 6 GW 57	0526960057
DEK 6 GW 58	0526960058
DEK 6 GW 59	0526960059
DEK 6 GW 60	0526960060
DEK 6 GW 61	0526960061
DEK 6 GW 62	0526960062
DEK 6 GW 63	0526960063
DEK 6 GW 64	0526960064
DEK 6 GW 65	0526960065
DEK 6 GW 66	0526960066
DEK 6 GW 67	0526960067
DEK 6 GW 68	0526960068
DEK 6 GW 69	0526960069
DEK 6 GW 70	0526960070
DEK 6 GW 71	0526960071
DEK 6 GW 72	0526960072
DEK 6 GW 73	0526960073
DEK 6 GW 74	0526960074
DEK 6 GW 75	0526960075
DEK 6 GW 76	0526960076
DEK 6 GW 77	0526960077
DEK 6 GW 78	0526960078
DEK 6 GW 79	0526960079
DEK 6 GW 80	0526960080
DEK 6 GW 81	0526960081
DEK 6 GW 82	0526960082
DEK 6 GW 83	0526960083
DEK 6 GW 84	0526960084
DEK 6 GW 85	0526960085
DEK 6 GW 86	0526960086
DEK 6 GW 87	0526960087
DEK 6 GW 88	0526960088
DEK 6 GW 89	0526960089
DEK 6 GW 90	0526960090
DEK 6 GW 91	0526960091
DEK 6 GW 92	0526960092
DEK 6 GW 93	0526960093
DEK 6 GW 94	0526960094

Versions DEK

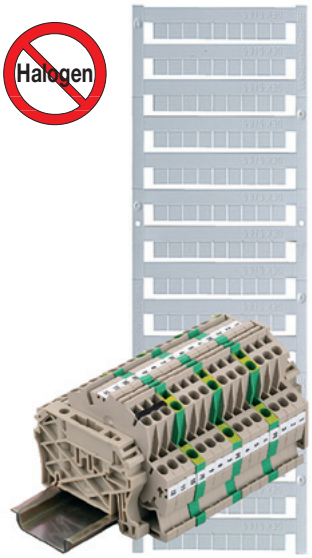
Type/Print	Order No.
DEK 6 GW 95	0526960095
DEK 6 GW 96	0526960096
DEK 6 GW 97	0526960097
DEK 6 GW 98	0526960098
DEK 6 GW 99	0526960099
DEK 6 GW 100	0526960100
DEK 6 GW BL/SW -	1318091741
DEK 6 GW PE	1318061187
DEK 6 GW RT/SW +	1318091737
DEK 6 GW +	1318061198
DEK 6 GW -	1318061199
DEK 6 GW g	1318061202
DEK 6 GW h	1318061203
DEK 6 NEUTRAL	0468560000
DEK 6 OR NEUTRAL	0468591690
DEK 6 RT NEUTRAL	0468591686
DEK 6 SW NEUTRAL	0468591694
DEK 6 VI NEUTRAL	0468591689
DEK 6,5 BL NEUTRAL	0468091693
DEK 6,5 FS 1-50	0468260001
DEK 6,5 FS 101-150	0468260101
DEK 6,5 FS 51-100	0468260051
DEK 6,5 FSZ 1-10	0407360001
DEK 6,5 FSZ 11-20	0407360011
DEK 6,5 FSZ 21-30	0407360021
DEK 6,5 FSZ 31-40	0407360031
DEK 6,5 FSZ 41-50	0407360041
DEK 6,5 FSZ 51-60	0407360051
DEK 6,5 FSZ 61-70	0407360061
DEK 6,5 FSZ 71-80	0407360071
DEK 6,5 FSZ 81-90	0407360081
DEK 6,5 FSZ 91-100	0407360091
DEK 6,5 FW 1-50	0468160001
DEK 6,5 FW 101-150	0468160101
DEK 6,5 FW 151-200	0468160151
DEK 6,5 FW 201-250	0468160201
DEK 6,5 FW 251-300	0468160251
DEK 6,5 FW 301-350	0468160301
DEK 6,5 FW 351-400	0468160351
DEK 6,5 FW 401-450	0468160401
DEK 6,5 FW 451-500	0468160451
DEK 6,5 FW 501-550	0468160501
DEK 6,5 FW 51-100	0468160051
DEK 6,5 FW L1- h	0632161203
DEK 6,5 FW L1-PE	0632161187
DEK 6,5 FWZ 1-10	0519060001
DEK 6,5 FWZ 11-20	0519060011
DEK 6,5 FWZ 21-30	0519060021
DEK 6,5 FWZ 31-40	0519060031
DEK 6,5 FWZ 41-50	0519060041
DEK 6,5 FWZ 51-60	0519060051
DEK 6,5 FWZ 61-70	0519060061
DEK 6,5 FWZ 71-80	0519060071
DEK 6,5 FWZ 81-90	0519060081
DEK 6,5 FWZ 91-100	0519060091
DEK 6,5 FWZ R,S,T,N,ERD	0632060000
DEK 6,5 GE NEUTRAL	0468091687
DEK 6,5 GN NEUTRAL	0468091688
DEK 6,5 NEUTRAL	0468060000
DEK 6,5 OR NEUTRAL	0468091690
DEK 6,5 RT NEUTRAL	0468091686
DEK 6,5 SW NEUTRAL	0468091694
DEK 6,5 VI NEUTRAL	0468091689
DEK 8 BEDR./FARBIG	1289690000
DEK 8 FS 1-50 TAMPOPR.	1653350001
DEK 8 FS 51-100 TAMPOP.	1653350051
DEK 8 FSZ 1-10	1289660001
DEK 8 FSZ 11-20	1289660011
DEK 8 FSZ 21-30	1289660021
DEK 8 FSZ 31-40	1289660031

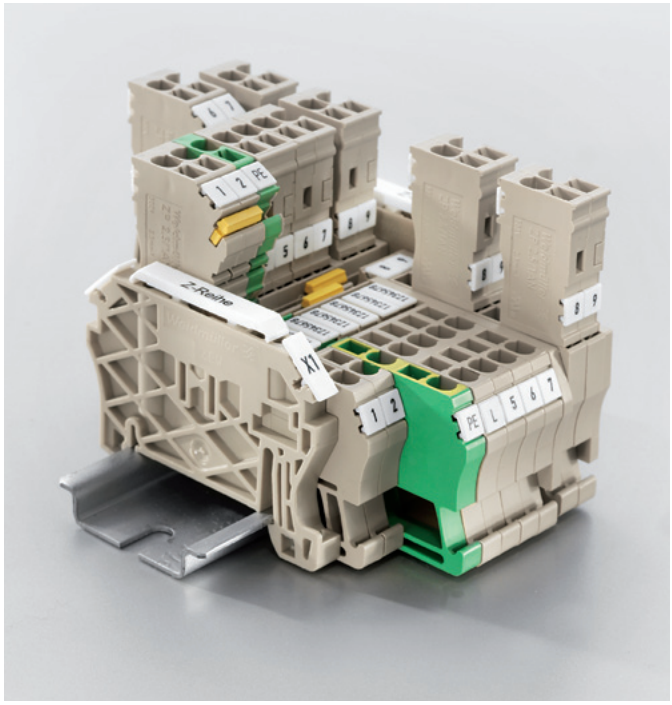
Type/Print	Order No.
DEK 8 FSZ 41-50	1289660041
DEK 8 FSZ 51-60	1289660051
DEK 8 FSZ 61-70	1289660061
DEK 8 FSZ 71-80	1289660071
DEK 8 FSZ 81-90	1289660081
DEK 8 FSZ 91-100	1289660091
DEK 8 FW 1-50 TAMPOPR.	1653340001
DEK 8 FW 51-100 TAMPOP.	1653340051
DEK 8 FWZ 1-10	1276960001
DEK 8 FWZ 101-110	1276960101
DEK 8 FWZ 11-20	1276960011
DEK 8 FWZ 111-120	1276960111
DEK 8 FWZ 121-130	1276960121
DEK 8 FWZ 131-140	1276960131
DEK 8 FWZ 141-150	1276960141
DEK 8 FWZ 21-30	1276960021
DEK 8 FWZ 31-40	1276960031
DEK 8 FWZ 41-50	1276960041
DEK 8 FWZ 51-60	1276960051
DEK 8 FWZ 61-70	1276960061
DEK 8 FWZ 71-80	1276960071
DEK 8 FWZ 81-90	1276960081
DEK 8 FWZ 91-100	1276960091
DEK 8 GE NEUTRAL	1277091687
DEK 8 GN NEUTRAL	1277091688
DEK 8 NEUTRAL	1277060000
DEK 8 OR NEUTRAL	1277091690
DEK 8 RT NEUTRAL	1277091686
DEK 8 SONDERDR. WEIß	1326660000
DEK 8 VI NEUTRAL	1277091689

DEK MultiCard

The Dekafix marker in MultiCard format is the universal marker for all kinds of connectors and also electronic modules from the Weidmüller product range. The blank DEK marker is ideal for flexible, fast printing in situ with our innovative labelling systems SMark-Laser, PrintJet, MCP Plus Plotter or MCMobilo.
The system is particularly suitable for short sequences of numbers and is also available with special printing.

- In strips for fast installation
- Flexible, fast printing on site during installation
- Excellent printing quality thanks to the Weidmüller MultiCard printers
- Available in 6 widths
- Custom printing with the MC Laser also possible





Technical data

Material	Polyamide 66, halogen-free
UL94 flammability rating	V2
Temperature range	-40 °C to 100 °C
Printing	black

Ordering data

Colour	Available in all colours of the international colour code; for MC on request		
	● brown	● red	● orange
	● yellow	● green	● blue
	● violet	● grey	○ white
Special printing	Specify special printing and colours per diskette, Excel file or using the M-Print® PRO software.		
Minimum order quantity	1 pack		
Notes on mounting	Mount in strips when the marker pitch (width) corresponds to the pitch of the terminals. For example, DEK 5 mm pitch for terminals with 5 mm pitch such as the WDU 2.5.		
	Mount individual markers when the terminal pitch is larger than the marker pitch (width). For example, DEK 6.5 mount individually on WDU 6 terminals. Weidmüller markers with 5 mm pitch (width) are suitable for all widths of terminals.		

Dekafix is the universal marker for the SAK series, W series, Z series, P series, and I series as well as for plug-type connectors and electronic sub-assemblies.

Clamping width: 3.5 mm

DEK - blank

Ordering data

Type		Material colour	Length	Qty.	Order No.
DEK 5/3.5 MC		white	5 mm	500	1755270000

DEK - Custom printing

Type		Material colour	Length	Qty.	Order No.
DEK 5/3.5 MC		white	5 mm	100	1767730000

Clamping width: 5.0 mm

DEK - blank

Type		Material colour	Length	Qty.	Order No.
DEK 5/5 Plus MC		white	5 mm	1000	1854490000
DEK 5/5 Plus MC GE		yellow	5 mm	1000	1907520000
DEK 5/5 MC		white	5 mm	1000	1609801044
DEK 5/5 MC GE		yellow	5 mm	1000	1609801687
DEK 5/5 MC BL		blue	5 mm	1000	1609801693
DEK 5/5 MC GR		grey	5 mm	1000	1609801691
DEK 5/5 MC GN		green	5 mm	1000	1609801688
DEK 5/5 MC RT		red	5 mm	1000	1609801686

DEK - Custom printing

Type		Material colour	Length	Qty.	Order No.
DEK 5/5 MC		white	5 mm	200	1609810000
DEK 5/5 Plus MC		white	5 mm	200	1854500000

Clamping width: 6.0 / 6.5 mm

DEK - blank

Type		Material colour	Length	Qty.	Order No.
DEK 5/6 MC		white	5 mm	1000	1609820000
DEK 5/6 MC PLUS		white	5 mm	1000	1011320000
DEK 5/6.5 MC		white	5 mm	900	1609840000
DEK 5/6.5 PLUS MC	NEW	white	5 mm	900	1046340000

DEK - Custom printing

Type		Material colour	Length	Qty.	Order No.
DEK 5/6 MC SDR		white	5 mm	200	1609830000
DEK 5/6 MC SDR PLUS		white	5 mm	200	1038650000
DEK 5/6.5 MC		white	5 mm	180	1609850000
DEK 5/6.5 PLUS MC	NEW	white	5 mm	180	1046360000

Clamping width: 7.5 / 8.0 mm

DEK - blank

Type		Material colour	Length	Qty.	Order No.
DEK 5/7.5 MC		white	5 mm	320	1720620000
DEK 5/8 MC		white	5 mm	800	1856740000
DEK 5/8 PLUS MC	NEW	white	5 mm	800	1046350000

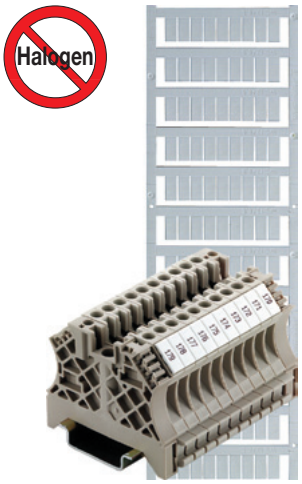
DEK - Custom printing

Type		Material colour	Length	Qty.	Order No.
DEK 5/7.5 MC		white	5 mm	64	1770490000
DEK 5/8 MC		white	5 mm	160	1856750000
DEK 5/8 PLUS MC	NEW	white	5 mm	160	1046370000

WS

WS markers are designed specifically for W series terminals. But thanks to their system compatibility, WS markers can also be used with the I series, Z series and P series. The generous size of these markers permit long characters strings and multiple-line printing.
WS markers are ideal for labelling where long, individual character strings are required. And the proven MultiCard format makes labelling possible with the SMark-Laser, PrintJet, MCP Plus Plotter or MC-Mobilo as well.

- Mount in strips or individually
- Markers in the proven MultiCard format
- Excellent printing quality thanks to the Weidmüller MultiCard printers



Technical data

Material	Polyamide 66, halogen-free
UL94 flammability rating	V2
Temperature range	–40 °C to 100 °C
Printing	black

Ordering data

Colourn	Available in all colours of the international colour code; for MC on request		
	● brown	● red	● orange
	● yellow	● green	● blue
	● violet	● grey	○ white
Special printing	Specify special printing and colours per diskette, Excel file or using the M-Print® PRO software.		
Minimum order quantity	1 pack		
Notes on mounting	Mount in strips when the marker pitch (width) corresponds to the pitch of the terminals. For example, WS 10/6 = 6 mm pitch for terminals with 6 mm pitch such as the WDU 4.		
	Mount individual markers when the terminal pitch is larger than the marker pitch (width). For example, WS 12/6.5 mount individually on WDU 6 terminals. Weidmüller markers with 5 mm pitch (width) are suitable for all widths of terminals.		

ZS

ZS markers – in the proven MultiCard format – were specially developed for Z series terminals. They provide users with a large labelling area. Their unique hinged form means that cross-connectors, for example, are still readily accessible without having to remove the marker. Markers can be clipped on in strips to guarantee fast installation, but individual markers are easily separated.

- Hinged labelling area
- Mount in strips or individually
- Markers in the proven MultiCard format
- Flexible, fast printing on site during installation

Technical data

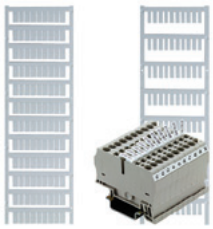
Material	Polyamide 66, halogen-free
UL94 flammability rating	V2
Temperature range	–40 °C to 100 °C
Printing	black

Ordering data

Colour	white
Notes on mounting	height x width (pitch), e.g. ZS 10/5: 10 mm high, 5 mm wide = 5 mm pitch
Special printing	Specify special printing per diskette, Excel file or using the M-Print® PRO software.
Suitable printing systems	SMark-Laser, PrintJet, Plotter MCP Plus or MC-Mobilo
Minimum order quantity	1 pack

Terminal markers – WS / ZS

WS markers are perfect for the connectors of the W-series, I-series, P-series and Z-series. WS 10/5 and 10/6 Middle are fitted with a centre foot and can be used for the I-series. The ZS markers are specially conceived for the Z-series.



Clamping width: 3.5 mm

WS - blank

Ordering data

Type	Material colour	Length	Qty.	Order No.
WS 12/3.5 MC	white	12 mm	600	1778270000

WS - Custom printing

Type	Material colour	Length	Qty.	Order No.
WS 12/3.5 MC	white	12 mm	120	1778280000

Clamping width: 5.0 mm

WS - blank

Type		Material colour	Length	Qty.	Order No.
WS 8/5 MC		white	8 mm	720	1640740000
WS 8/5 MC GE		yellow	8 mm	720	1773521687
WS 8/5 MC RT		red	8 mm	720	1773521686
WS 8/5 MC BL		blue	8 mm	720	1773521693
WS 8/5 MC OR		orange	8 mm	720	1773521690
WS 8/5 PLUS MC		white	8 mm	600	1951870000
WS 10/5 MC		white	10 mm	720	1635000000
WS 10/5 MC GE		yellow	10 mm	720	1773531687
WS 10/5 MC Middle		white	10 mm	720	1792000000
WS 10/5 MC RT		red	10 mm	720	1773531686
WS 10/5 MC BL		blue	10 mm	720	1773531693
WS 10/5 PLUS MC	NEW	white	10 mm	600	1046380000
WS 12/5 MC		white	12 mm	720	1609860000
WS 12/5 MC GE		yellow	12 mm	720	1773541687
WS 12/5 MC RT		red	12 mm	720	1773541686
WS 12/5 MC BL		blue	12 mm	720	1773541693
WS 12/5 MC OR		orange	12 mm	720	1773541690
WS 12/5 MC PLUS		white	12 mm	600	1927510000
WS 14/5 MC		white	14 mm	480	1768090000
WS 15/5 MC		white	15 mm	480	1609880000
WS 15/5 MC GE		yellow	15 mm	480	1773571687

WS - Custom printing

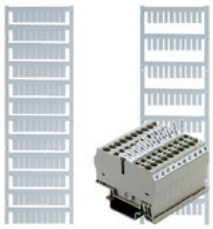
Type		Material colour	Length	Qty.	Order No.
WS 8/5 MC		white	8 mm	144	1640750000
WS 8/5 MC PLUS		white	8 mm	120	1038790000
WS 10/5 MC		white	10 mm	144	1635010000
WS 10/5 MC Middle		white	10 mm	144	1792010000
WS 10/5 PLUS MC	NEW	white	10 mm	120	1046320000
WS 12/5 MC		white	12 mm	144	1609870000
WS 12/5 MC PLUS		white	12 mm	120	1927520000
WS 15/5 MC		white	15 mm	96	1609890000

Clamping width: 6.0 mm

WS - blank

Type		Material colour	Length	Qty.	Order No.
WS 8/6 PLUS MC		white	8 mm	600	1951880000
WS 10/6 MC		white	10 mm	600	1828450000
WS 10/6 MC Middle		white	10 mm	600	1818400000
WS 10/6 MC Middle GN		green	10 mm	600	1917420000
WS 10/6 MC Middle GE		yellow	10 mm	600	1917430000
WS 10/6 MC Middle RT		red	10 mm	600	1917440000
WS 10/6 MC Middle OR		orange	10 mm	600	1917410000
WS 10/6 PLUS MC	NEW	white	10 mm	600	1046390000
WS 12/6 MC		white	12 mm	600	1609900000
WS 12/6 MC GE		yellow	12 mm	600	1773551687
WS 12/6 MC RT		red	12 mm	600	1773551686
WS 12/6 MC BL		blue	12 mm	600	1773551693
WS 12/6 MC OR		orange	12 mm	600	1773551690
WS 12/6 MC BR		brown	12 mm	600	1773551692
WS 12/6 MC VI		violet	12 mm	600	1773551689
WS 12/6 MC PLUS		white	12 mm	600	1927530000

WS markers are perfect for the connectors of the W-series, I-series, P-series and Z-series. WS 10/5 and 10/6 Middle are fitted with a centre foot and can be used for the I-series. The ZS markers are specially conceived for the Z-series.



Ordering data

WS - Custom printing

Type	Material colour	Length	Qty.	Order No.
WS 8/6 PLUS MC	white	8 mm	120	1038820000
WS 10/6 MC	white	10 mm	120	1828460000
WS 10/6 MC Middle	white	10 mm	120	1818410000
WS 10/6 PLUS MC NEW	white	10 mm	120	1046330000
WS 12/6 MC	white	12 mm	120	1609910000
WS 12/6 MC PLUS	white	12 mm	120	1927540000

Clamping width: 6.5 mm

WS - blank

Type	Material colour	Length	Qty.	Order No.
WS 12/6.5 MC	white	12 mm	540	1609920000
WS 12/6.5 MC GE	yellow	12 mm	540	1773561687
WS 12/6.5 MC RT	red	12 mm	540	1773561686
WS 12/6.5 MC BL	blue	12 mm	540	1773561693
WS 12/6.5 MC GN	green	12 mm	540	1773561688

WS - Custom printing

Type	Material colour	Length	Qty.	Order No.
WS 12/6.5 MC	white	12 mm	108	1609930000

Clamping width: 8.0 mm

WS - blank

Type	Material colour	Length	Qty.	Order No.
WS 10/8 MC	white	10 mm	420	1905950000
WS 12/8 MC	white	12 mm	420	1906000000

WS - Custom printing

Type	Material colour	Length	Qty.	Order No.
WS 10/8 MC	white	10 mm	84	1906030000
WS 12/8 MC	white	12 mm	84	1906010000

Clamping width: 12.0 / 15.0 mm

WS - blank

Type	Material colour	Length	Qty.	Order No.
WS 10/12 MC	white	10 mm	300	1905970000
WS 10/15 MC	white	10 mm	240	1854090000

WS - Custom printing

Type	Material colour	Length	Qty.	Order No.
WS 10/12 MC	white	10 mm	60	1906060000
WS 10/15 MC	white	10 mm	48	1854100000

Clamping width: 5.0 mm

ZS - blank

Type	Material colour	Length	Qty.	Order No.
ZS 10/5 MC	white	10 mm	480	1610000000
ZS 15/5 MC	white	15 mm	480	1646630000

ZS - Custom printing

Type	Material colour	Length	Qty.	Order No.
ZS 10/5 MC	white	10 mm	96	1610010000
ZS 15/5 MC	white	15 mm	96	1646640000

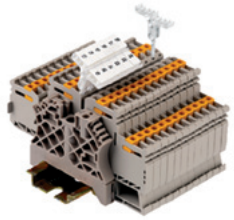
Clamping width: 6.0 mm

ZS - blank

Type	Material colour	Length	Qty.	Order No.
ZS 12/6 MC	white	12 mm	400	1610020000

ZS - Custom printing

Type	Material colour	Length	Qty.	Order No.
ZS 12/6 MC	white	12 mm	80	1610030000



This tag holder is specially conceived for the IDK 1.5N two-tier terminal of the I-series. The flexible hinge mechanism allows cross-connections to be connected or disconnected at little effort. It can be fitted with four DEK 5 tags or two WS 10/5 Middle connector markers.

Snap Mark

Technical data

Material	Polyamide 66
UL94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Material colour	white

Ordering data

Type	Length	Width	Qty.	Order No.
Snap Mark I	23 mm	5 mm	50	**1805880000**

Accessories

Type	Length	Width	Qty.	Order No.
DEK 5/5 MC	5 mm	5 mm	1000	**1609801044**
WS 10/5 MC Middle	10 mm	5 mm	720	**1792000000**

The BZT tag carrier makes possible the clear labelling of the ZDU 2.5/4/6 and ZDUA terminal families.
The BZT is used with the WS 10/5 terminal markers. By creating blocks of tag carriers, the ZA version offers the maximum stability.

BZT1 / BZT2

Technical data

Material	Polyamide
UL94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Material colour	beige

Ordering data

Type	Length	Width	Qty.	Order No.
BZT 1	8 mm	5 mm	100	**1805490000**
BZT 1 ZA	8 mm	5 mm	100	**1805520000**
BZT 2	12 mm	5 mm	100	**1805480000**
BZT 2 ZA	12 mm	5 mm	100	**1805530000**

Accessories

Type	Length	Width	Qty.	Order No.
WS 10/5 MC	10 mm	5 mm	20	**1635000000**

The SCHT 5 & SCHT 5 S group marker carrier is clipped directly to the TS 32 DIN rail (G-rail) or the TS 35 DIN rail (top-hat rail). It is therefore possible to provide terminal strip labelling irrespective of the terminal and the type of terminal.

SchT 5 / SchT 5 S

Technical data

Material	Polyamide 66
UL94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Material colour	beige

Ordering data

Type	Length	Width	Qty.	Order No.
SCHT 5	44.5 mm	19.5 mm	20	0292460000
SCHT 5 S	44.5 mm	9.5 mm	20	1631930000

Accessories

Type	Length	Width	No. per sheet	Qty.	Order No.
ESO 5 white	40 mm	16.5 mm	60	10	1607710000
ESO 5 yellow	40 mm	16.5 mm	60	10	1631350000
ESO 5P white	40 mm	16.5 mm	60	10	1670370000
ESO 5P yellow	40 mm	16.5 mm	60	10	1670380000
ESO 5 S white	40 mm	7 mm	140	10	1631920000
STR 5 F.SCHT 5	40 mm	16.5 mm	20	20	0294000000
STR 5 S. F.SCHT 5 S	40 mm	7 mm	20	20	1631940000
ELS 7/40 MC NE GE				40	1045650000
ELS 7/40 MC NE WS				40	1045640000
ELS 16/40 MC NE GE				40	1045630000
ELS 16/40 MC NE WS				40	1045620000

The SCHT 7 is a hinged group marker carrier for inlay tags which still allows easy access to the clamping screw.
To equip with ESO 7, 4 tags of DEK 5/5 or 2 tags of WS 10/5 Middle.

SCHT 7

Technical data

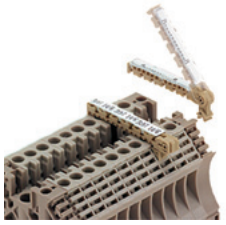
Material	Polyamid 66
UL94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Material colour	white

Ordering data

Type	Length	Width	Qty.	Order No.
SCHT 7	39.3 mm	8 mm	20	0517960000

Accessories

Type	Length	Width	No. per sheet	Qty.	Order No.
DEK 5/5 MC	5 mm	5 mm		1000	1609801044
ESO 7 white	27 mm	6.3 mm	240	10	1607720000
ESO 7 yellow	27 mm	6.3 mm	240	10	1634780000
ESO 7P white	27 mm	6.3 mm	240	10	1670390000
ESO 7P yellow	27 mm	6.3 mm	240	10	1670400000
STR 7 SCHT 7	27 mm	6.3 mm	20	20	0515300000
WS 10/5 MC Middle	10 mm	5 mm		720	1792000000



SchT 9/4 and SchT 14/6 are hinged group tag holders for single dekafix and WS tags, allowing easy access to the clamping screws.

SCHT 9/4 / SCHT 14/6

Technical data

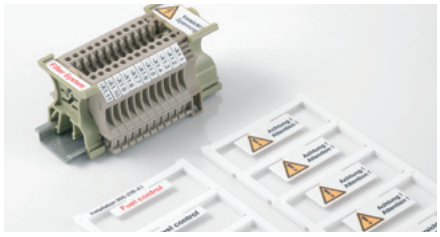
Material	Polyamide 66
UL94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Material colour	beige

Ordering data

Type	Length	Width	Qty.	Order No.
SCHT 14/6	44.3 mm	6 mm	20	**1269060000**
SCHT 9/4	32 mm	4 mm	20	**1278460000**

Accessories

Type	Length	Width	Qty.	Order No.
DEK 5/5 MC	5 mm	5 mm	1000	**1609801044**
WS 12/5 MC	12 mm	5 mm	720	**1609860000**



The ELS-type MultiCard marker can be printed on with PrintJet, plotter or SMark printer. Colour printing with the PrintJet PRO, in particular, enables cables and terminal strips to be labelled in a variety of noticeable manners.

Halogen

ELS insertion tag

Technical data

Material	Polyamide PA 66
UL94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Suitable for	ELS 6/30: WKM 8/30 (1631910000) and EM 8/30 (1806120000) ELS 7/40 : SchT5S (1631930000) ELS 16/40: SchT5 (0292460000) and WKM 18/43 (1610700000)

Ordering data

NEW

Type	Colour	Qty.	Order No.
blank			
ELS 6/30 MC NE WS	white	80	**1045570000**
ELS 6/30 MC NE GE	yellow	80	**1045580000**
ELS 7/40 MC NE WS	white	40	**1045640000**
ELS 7/40 MC NE GE	yellow	40	**1045650000**
ELS 16/40 MC NE WS	white	40	**1045620000**
ELS 16/40 MC NE GE	yellow	40	**1045630000**
Custom printing			
ELS 6/30 MC SDR		16	**1045660000**
ELS 7/40 MC SDR		8	**1045700000**
ELS 16/40 MC SDR		8	**1045690000**

The EM 8/30 end bracket marker is suitable for labelling the WEW 35/2 and ZEW 35/2 end brackets as well as marker carrier for W-series terminals. The EM 8/30 can be fitted with the ESO 7 and ESO 7P inlay tags. The pocket guarantees that the labelling is well protected against environmental influences.

EM 8/30

Technical data

Material	Polypropylene
UL94 flammability rating	HB
Min. temperature, continuous	-40 °C
Max. temperature, continuous	80 °C
Material colour	transparent

Ordering data

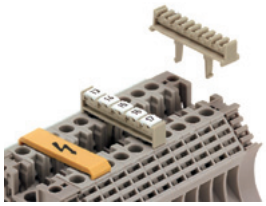
Type	Length	Width	Qty.	Order No.
EM 8/30	30 mm	8 mm	50	1806120000

Accessories

Technical data

ESO...P	= Polyester
ESO	= Paper

Type	Length	Width	No. per sheet	Qty.	Order No.
ESO 7 white	27 mm	6.3 mm	240	10	1607720000
ESO 7 yellow	27 mm	6.3 mm	240	10	1634780000
ESO 7P white	27 mm	6.3 mm	240	10	1670390000
ESO 7P yellow	27 mm	6.3 mm	240	10	1670400000



WGB group marker carrier for single dekafix and WS tags. The WGB also covers the cross-connection channels.
Blank WAD covers for labelling with PrintJet, or a special printing for the W-series. Cross-connection channels are covered.
Also available with lightning flash warning symbol to DIN 30600.

WGB 5 / WGB 8 / WAD

Technical data

Material	Polyamide 66
UL94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C

Ordering data

Type	Length	Width	Material colour	Qty.	Order No.
WGB 5	33.5 mm	5 mm	beige	50	1050760000
WGB 8	33.5 mm	7.7 mm	beige	50	1050960000
WAD 5 MC NE WS	33.5 mm	5 mm	white	48	1112910000
WAD 5 MC NE GE	33.5 mm	5 mm	yellow	48	1112920000
WAD 5 MC B GE/SW flash	33.5 mm	5 mm	yellow	48	1120450000
WAD 8 MC NE WS	33.5 mm	8 mm	white	48	1112940000
WAD 8 MC NE GE	33.5 mm	8 mm	yellow	48	1112950000
WAD 8 MC B GE/SW flash	33.5 mm	8 mm	yellow	48	1120470000
WAD 12	36.2 mm	12 mm	white	50	1056260000
WAD 12 flash	36.2 mm	12 mm	yellow	50	1055960000
WAD 27	64 mm	27 mm	white	10	1062960000
WAD 27 flash	64 mm	27 mm	yellow	10	1062860000

WAD – Custom printing

Type	Length	Width	Material colour	Qty.	Order No.
WAD 5	33.5 mm	5 mm	white/yellow	12	1112930000
WAD 8	33.5 mm	8 mm	white/yellow	12	1112970000

Accessories WGB 5 / WGB 8

Type	Length	Width	Qty.	Order No.
DEK 5/5 MC	5 mm	5 mm	1000	1609801044
DEK 5/30 MC	30 mm	5 mm	100	1951920000
DEK 5/30 MC SDR	30 mm	5 mm	40	1025680000
WS 12/5 MC	12 mm	5 mm	720	1609860000

The ZGB 15 / ZGB 30 is a hinged marker carrier. The tag holder can be fitted with the dekafix 5, WS 12/5 connector markers or with the push-in tag ESO 15 / ESO 7.

ZGB 15 / ZGB 30

Technical data

Material	Polyamide 66
UL94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Material colour	white

Ordering data

Type	Length	Width	Qty.	Order No.
ZGB 15	15 mm	7 mm	20	**1636530000**
ZGB 30	32 mm	7 mm	20	**1611930000**

Accessories

Type	Length	Width	No. per sheet	Qty.	Order No.
DEK 5/5 MC	5 mm	5 mm		1000	**1609801044**
DEK 5/30	30 mm	5 mm		100	**1951920000**
DEK 5/30 SDR	30 mm	5 mm		40	**1025680000**
ESO 7 white	27 mm	6.3 mm	240	10	**1607720000**
ESO 7 yellow	27 mm	6.3 mm	240	10	**1634780000**
ESO 7P white	27 mm	6.3 mm	240	10	**1670390000**
ESO 7P yellow	27 mm	6.3 mm	240	10	**1670400000**
ESO 15 white	15 mm	6 mm	120	1	**1636510000**
STR 7 SCHT 7	27 mm	6.3 mm	20	20	**0515300000**
STR 15 ZGB 15	15 mm	6.3 mm	20	20	**1636520000**
WS 12/5 MC	12 mm	5 mm		720	**1609860000**

Printing systems and software

The Weidmüller labelling systems are the quick and efficient way of producing markers for connectors, wires, cables and devices, plus labels for general use. The **M-Print® PRO** software enables users to mark electrical equipment quickly and simply. For professional and fast design, printing and ordering of your marking requirements. Borders, barcodes, graphics or photos can all be easily integrated. The multitude of data conversion routines presents you with fast and flexible options for data integration. The Weidmüller **PrintJet PRO**, **MCP Plus**, **MCP Basic**, **MC-Mobilo** printers plus those of the ThermoMark series can be used for printing.

The **PrintJet PRO** is the recommended model in industrial marking for high-resolution printing and maximum wipe and scratch resistance. The **MCP Plus** plotter provides you with good flexibility because with its positioning frame it can handle more than 160 different types of marker in the MultiCard format. The **MC-Mobilo** is the ideal printer for labelling on site without a PC and a mains power supply, directly during installation work. The printers of the ThermoMark series are ideal for printing labels and/or shrinkable sleeves in excellent quality.

	Printer						
Type of marker	**PrintJet PRO**	**Plotter MCP Plus**	**MCP Basic**	**MC Mobilo**	**THM TwinMark**	**THM Plus**	**THM Basic**
Technical data							
Technology	Inkjet process	Plotting technique	Plotting technique	Plotting technique	Thermal transfer	Thermal transfer	Thermal transfer
Voltage	AC 230 V/AC 115 V	AC 230/AC 115 V	AC 230/AC 115 V	AC 230/AC 115 V	AC 230/AC 115 V	AC 230/AC 115 V	AC 230/AC 115 V
Printing resolution	1.200 dpi				300 dpi	300 dpi	203 dpi
Interfaces	USB, LAN	Parallel Centronics, USB	USB	RS 232	RS 232, USB, LAN	RS 232, USB, LAN, Compact Flash	Parallel Centronics, USB, RS 232, LAN
Network interface card	●				●	●	●
Terminal markers							
DEK/WS/ZS/MF	●	●	●	●			
ELS	●	●	●	●			
WAD	●						
Cable and wire markers							
SF/SFX/SFC	●	●	●	●			
TM-I	●	●	●	●			
ELS	●	●	●	●			
Device markers							
DMC	●	●	●	●			
ESG	●	●	●	●			
SM/CC	●	●	●	●			
Labels							
THM MT						●	●
THM WriteOn						●	●
THM GEW						●	●
THM EL							●
THM ET S7						●	●
Shrink sleeves							
TwinMark					●	●	

PrintJet PRO

The **PrintJet PRO** inkjet printer prints markers for electric connectivity. These markers can be used for clear equipment identification on devices, cables and connectors. The labelling makes servicing, maintenance and troubleshooting much easier. Water-based ink is used for the black or spot colour printing. The print is crystal clear and resistant to environmental influences.
The **PrintJet PRO** prints plastic markers in **MultiCard** format. In combination with the user-friendly **M-Print® PRO** software and the attached loader, the printer is an essential part of the production. The inkjet process being used, the subsequent fusing, as well as the printer cartridge and ink have all been specially adapted by Weidmüller for industrial use. The printer has excellent long-term use capabilities, thanks to its integrated loader.

- Top-quality, resistant printing
- Spot colour print
- Perfect for constant use
- Integrated loader for 20 MultiCards
- Ideal for large quantities
- The display shows all relevant information
- Flexible connection options, from LAN ports to USB ports

Technical data

PrintJet PRO	
Type	PrintJet PRO
Application	Prints MultiCard marker
Technology	Inkjet process
Print quality	600 / 1.200 dpi
Printer drivers	Windows® 2000/XP/VISTA/7
Print software	M-Print® PRO
System requirements	Windows® 2000/XP/VISTA/7
Feed	Integrated loader
Fusing	Thermal fusing
Interface	USB, LAN
Power supply	AC 230 V/AC 115 V
Location	Office conditions
Ambient temperature	20 °C to 35 °C
Dimensions (L x W x H)	1060 x 500 x 310 mm
Weight	33 kg
Cartridge system	Ink cartridge, CMYK (up to 1,000,000 characters, Arial font size 6)
Scope of supply	PrintJet PRO, power cable, printer drivers, manuals (CD), Ink tank starter set colour, USB cable, M-Print® PRO software

Ordering data

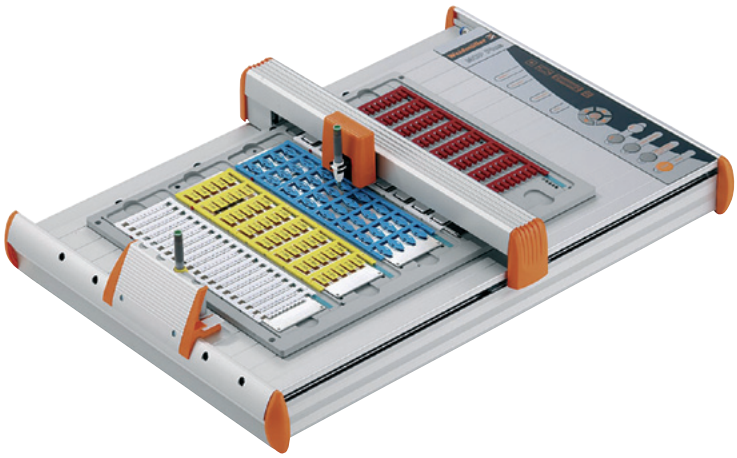
PrintJet PRO

Type		Order No.
PrintJet PRO 115V		1024050000
PrintJet PRO 230V		1001180001
Accessories		
PJ PRO TNTK INK SET COL	Ink tank starter set, colour	1027110000
PJ PRO TNTK INK K	● Ink tank Black	1027040000
PJ PRO TNTK INK C	● Ink tank Cyan	1027050000
PJ PRO TNTK INK M	● Ink tank Magenta	1027060000
PJ PRO TNTK INK Y	● Ink tank Yellow	1027070000
PJ PRO TNAW	waste pad	1024140000
Ink tank PrintJet II		1858920000
Clean Unit PrintJet II		1858950000
Ink tank PrintJet		1797460000
Clean Unit PrintJet		4062150000

MCP Plus

The plotter MCP Plus complements the Weimüller MultiCard concept. It is suitable for smaller quantities of markers and when only part of a MultiCard is to be printed on. The special positioning frame for five MultiCards increases productivity by 20 % over comparable systems. With the positioning frame for SlimFix markers sizes 4 to 6, printing on more than 160 MultiCard types for terminals, cables, wires and equipment is possible. Labels are printed with the MCP-Label positioning frame. Suitable for use with the Weidmüller M-Print® PRO software.

- 2 positioning frames for more than 160 MultiCard types
- MultiCards easily fitted into the frame
- Easy to use with partly used MultiCards
- Automatic pen activation function
- Safe storage of the plotter pens



Technical data

Type	MCP Plus
Application	printing of MultiCard markers and labels
Technology	plotting technique
Print software	M-Print® PRO
System requirements	Windows 2000/XP/VISTA/7
Interface	Parallel Centronics / USB
Power supply	230/115 V AC
Feed	manual
Location	office conditions
Ambient temperature	10 °C – 35 °C
Dimensions (L x W x H)	660 x 440 x 125 mm
Weight	approx. 8 kg
Scope of supply	MCP Plus with Centronics cable, USB cable, power pack (100-240 V AC/50-60 Hz), Euro and US plugs, MultiCard positioning frame, 0.25 P-Ink plotter pen, printer driver, M-Print® PRO software and manual

Ordering data

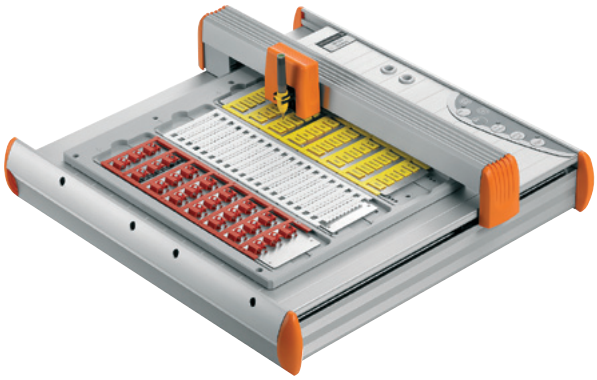
MCP Plus

Type	Order No.
MCP Plus plotter set	1925000000

MCP Basic

The **MCP Basic** plotter is a flexible and portable solution that allows you to print your labels on-site quickly and easily.
The **MCP Basic** is suited for printing small-scale labelling jobs, partial labels, or remaining quantities

- Small space-saving flat-bed plotter
- Positioning frame for 3 MultiCards
- Easily filled with MultiCard sheets
- Positioning frame for SlimFix, sizes 4 to 6 and a label positioning frame optionally available
- Works together with Weidmüller's **M-Print® PRO** software



Technical data

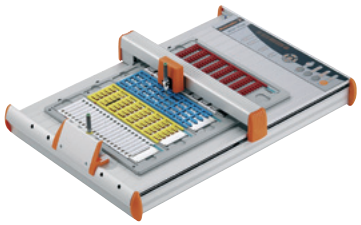
Type	MCP Basic
Application	Printing MultiCard markers and labels
Technology	plotting technique
Plotting speed	max. 40 mm/s
System requirements	Windows® 2000/XP/VISTA/7
Software	M-Print® PRO
Interfaces	USB
Voltage supply	100~240 V AC, 50-60 Hz
Voltage supply	Via external power supply unit with interchangeable adapters
Feed	manual
Location	office conditions
Ambient temperature	10 °C – 35 °C
Dimensions (L x W x H) mm	440 x 440 x 125
Weight	6 kg
Scope of supply	MCP Basic plotter, printer driver, power cord, USB cable, M-Print® PRO software, 0.25 P-Ink plotter pen, MultiCard positioning frame, power supply unit (100-240 V AC / 50-60 Hz), Euro and US plugs, user manual on CD, hand trolley-case

Ordering data

MCP Basic

Type	Order No.
MCP Basic	1139400000

MCP



MCP positioning frames

Ordering data

Type	for	Qty.	Order No.
MCP AP PLUS	MultiCards	1	1924360000
MCP AP BASIC	MultiCards	1	1139880000
MCP AP SF 4-6	SlimFix sizes 4 to 6	1	1924310000
MCP AP Labels	Labels	1	1924370000

MCP plotter pens

Type	for		Qty.	Order No.
Plotter Pen 0.18	Reusable pen		1	1768570000
Plotter Pen 0.25	Reusable pen		1	1768540000
Plotter Pen 0.25 P-Ink	Disposable pen 8 ml	Not for CLI T sleeves	1	1920640000
Plotter Pen 0.35	Reusable pen		1	1768550000
Plotter Pen 0.35 P-Ink	Disposable pen 8 ml	Not for CLI T sleeves	1	1920650000
Plotter Pen 0.50	Reusable pen		1	1768560000
Plotter Pen 0.50 P-Ink	Disposable pen 8 ml	Not for CLI T sleeves	1	1005710000
Plotter Pen 0.70	Reusable pen		1	1011440000
Plotter Pen 0.70 P-Ink	Disposable pen 8 ml	Not for CLI T sleeves	1	1011450000

MCP ink

Type	Contents		Qty.	Order No.
P- Ink	30 ml	Not for CLI T sleeves	1	1924340000
Ink 2000	25 ml		1	1772120000

MCP miscellaneous

Type	Contents	Qty.	Order No.
P cleaner	30 ml	1	1924330000
Cleaner Clean 2000	25 ml	1	1772130000
Inlay for MCP		1	1935130000
Inlay SFC 3		1	1058090000
MCP adhesive strips		5	1924320000
MCP Plus cover		1	1924350000
MCP TP-KOF Basic	Trolley MCP Basic	1	1139890000

The STI-S felt tip pen is suitable for labelling blank Weidmüller marking products. It can be used for handwritten labels or, in conjunction with the STI-S adapter, for a plotter printout. A black, waterproof ink is used.

Accessories – STI pen

Ordering data

Type		Qty.	Order No.
Adapter aluminium STI pen		1	1762440000
STI pen SW	Not for CLI T sleeves	10	0508401694

MC-Mobilo

The MC-Mobilo allows users to label electrical equipment, anywhere, at any time as there is no need for a PC and no need for a power supply. The rechargeable battery provides power for up to 3 hours. The universal inlay enables up to 120 different marker types of the MultiCard range to be processed.

Technical data

Type	Plotter
Application	Printing of MultiCard markers
Technology	Plotting technique
Print software	WM-Print
Interface	RS 232
Power supply	AC 230 / AC 115 V
Feed	manual
Location	can be used anywhere
Ambient temperature	15 – 30 °C
Dimensions (L x W x H)	380 x 190 x 68 mm
Weight	3 kg
Scope of supply	MC-Mobilo, universal power unit, including adapters (EURO, UK, USA), data cassette, operating instructions, PowerPack, PC connecting cable, WM-Print, universal MultiCard mounting frame, 0.25 plotter pen, carry case

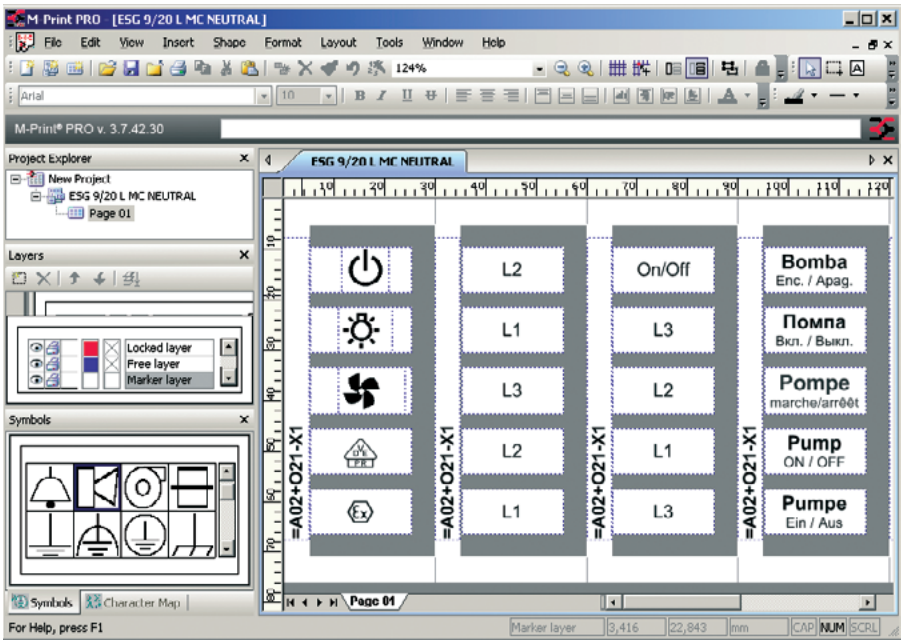
Ordering data

MC-Mobilo

MC-Mobilo		Qty.	Order No.
MC-Mobilo 110/220 V		1	1741260001
MC-Mobilo Accessories			
Printkit (Ink 2000, Clean 2000, Plotter-Pen 0.25)		1	1686920000
Frame inlay SF 4-6		1	1802180000
Inlay SFC 3		1	1058090000
Accessories Plotter IP220/MC-Mobilo			
P-Ink 30 ml	Not suitable for CLI-T sleeves	1	1924340000
Ink 2000 25 ml		1	1772120000
P cleaner 30 ml		1	1924330000
Cleaner Clean 2000 25 ml		1	1772130000
Plotter Pen 0.18		1	1768570000
Plotter Pen 0.25		1	1768540000
Plotter Pen 0.25 P-Ink	Not suitable for CLI-T sleeves	1	1920640000
Plotter Pen 0.35		1	1768550000
Plotter Pen 0.35 P-Ink	Not suitable for CLI-T sleeves	1	1920650000
Plotter Pen 0.50		1	1768560000
Plotter Pen 0.50 P-Ink	Not suitable for CLI-T sleeves	1	1005710000
Plotter Pen 0.70		1	1011440000
Plotter Pen 0.70 P-Ink	Not suitable for CLI-T sleeves	1	1011450000
Accessories – STI pen			
Adapter aluminium STI pen		1	1762440000
STI pen SW	Not suitable for CLI-T sleeves	10	0508401694

M-Print® PRO Label Designer

Print and **ordering software** for markers and labels **M-Print® PRO** is a professional software for printing and ordering Weidmüller markers and labels under Windows®. This software helps you to optimise your processes for marking electrical equipment. You can design, print and order your marking materials effortlessly, professionally and quickly: texts, frames, lines, graphics, barcodes, serial numbers and photos.



Technical data

Here is an overview of the main functions
Integrated product catalogue for all labels and markers, including images and links to the relevant web pages and product data sheets
Custom formatting of individual text characters (RTF)
Perform copy-and-paste functions with texts and their formats
Supports UNICODE for foreign-language texts, such as Russian, Chinese, Polish, etc.
Enter data on labels or worksheet, or directly in Microsoft® Excel
Numeric and alphanumeric counts and sequences
Extensive range of image formats (*.bmp, *.wmf, *.png, *.ico, *.jpeg, *.tif, *.gif)
Image library including all the important symbols used in electrical engineering
Permanent print preview: see how the printout will look during the design phase
Supported output devices: PrintJet Pro, PrintJet II, SMark laser, MCP plotter, THM and standard printers with Windows® drivers
Assign product to specific printer; for example, ESG 9/20 to PrintJet, LaserMark to laser printer, etc.
Optimum and rapid adjustment of the output devices
Imports data from CAE systems
Import assistant to create your own import filter for numerous file formats (*.txt, *.csv, *.xml etc.)
Markers and labels can be designed in as many levels as required
Interface to RailDesigner®

Operating systems supported	
WINDOWS® 2000/XP/VISTA/7	
System requirements	
RAM	> 256 MB
Processor	> Pentium PIII or comparable model
Graphics	> 800 x 600 pixels with 256 colours optimum: 1024 x 768 with 16-bit High Colour
Hard drive	> 90 MB free storage
Miscellaneous	mouse, keyboard, CD-ROM drive (to install the software)

M-Print® PRO is available in two editions:

- M-Print® PRO Standard Edition for professional printing results with all of Weidmüller's marking materials
- M-Print® PRO Advanced Edition for professional printing results with all of Weidmüller's marking materials plus labels to your own specification

Ordering data

M-Print® PRO

Type	Order No.
M-Print® PRO	1905490000
M-Print® PRO advanced	1905500000

Cutting tools

- Cutting formation for different cable sizes increases the quality of the cuts for smaller cross-sections
- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!
- Cutting without deformation of the conductor

KT 8

⌀	max. 8 mm
●	max. 16 mm²
⁘	max. 16 mm²
⁘	max. 16 mm²

KT 12

⌀	max. 12 mm
●	max. 16 mm²
⁘	max. 25 mm²
⁘	max. 35 mm²

KT 22

⌀	max. 22 mm
●	max. 25 mm²
⁘	max. 50 mm²
⁘	max. 95 mm²

Technical data

		KT8	KT12	KT22
Max. cutting performance, copper cable				
Solid (max. conductor cross-section)	mm²/AWG	16 / 6	16 / 6	25 / 3
Stranded (max. conductor cross-section)	mm²/AWG	16 / 6	25 / 3	50 / 1
Flexible (max. conductor cross-section)	mm²/AWG	16 / 6	35 / 2	95 / 3/0
Flexible, stranded (max. conductor diameter)	mm	8	12	22
Max. cutting performance, aluminium cable				
Stranded (max. conductor cross-section)	mm²/-	16 / 6	25 / 6	70 / 2/0
Stranded (max. conductor diameter)	mm	8	8	22
solid	mm²	16	25	50
Data / telephone / control cable				
Max. outer diameter	mm	8	12	22
Tool data				
Length / Width / Height	mm	165 / 65 / 25	215 / 66 / 28	220 / 66 / 30
Weight	g	180	300	460
Note		Tool closed		Tool closed

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	KT 8	1	**9002650000**	KT 22	1	**1157830000**
	KT 12	1	**9002660000**			
Note						

Cutting and releasing tools

Special release tools for the Weidmüller W-Series terminal connectors.

WAW 1

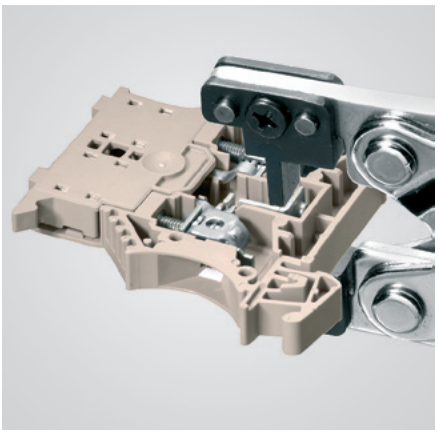
Notching tool

Tool for releasing poles from WQV 2.5 to WQV 35 cross connections used in Weidmüller W-Series terminal connectors.

WAW 2

Notching tool

Tool for punching out the cross-connection windows of the Weidmüller W-Series terminal connectors,
WTR 2.5 disconnect terminal and
WSI 6 fuse terminal.



Technical data

		WAW 1	WAW 2
Length	mm	167	205
Weight	g	227	338
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	WAW 1 NEUTRAL	1	9004500000	WAW 2	1	9004510000
Note						

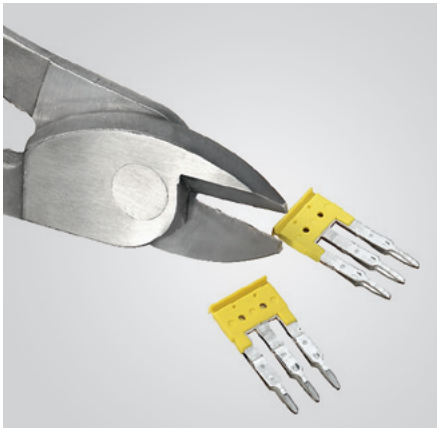
Cutting and releasing tools

Special cutting tool for clean pinch-free cutting of Weidmüller Z-Series cross-connections

KT ZQV

Cutting tool

Cutting tool for clean cutting of Weidmüller ZQV Series cross-connections



Technical data

		KT ZQV
Length / Width / Height	mm	215
Weight	g	300

Note

Ordering data

Version	KT ZQV	Qty.	Order No.
	KT ZQV	1	9002170000

Note

Mounting rail cutter

Copper earthing bar

TS 32 mm according to EN 50035 (s = 1.5 mm)

TS 15/5.5 mm according to EN 50045 (s = 1.0 mm)

TS 35/7.5 mm according to EN 50022 (s = 1.0 mm)

TS 35/15 mm according to EN 50022 (s = 1.5 mm)

TSLD

Terminal rail cutting and punching tool

Hand-operated mounting rail cutter for cutting and perforating DIN mounting rails

- Cutting with no burrs or waste
- Length end stop (1000 mm) is included in delivery
- Table-top unit for mounting on workbench or similar work places

VKSW

Wire channel cutter

Manually-operated wire channel cutter: for cutting (up to 125 mm wide) of wire channels and covers.

- Cutting with no burrs or waste
- Length end stop (1000 mm) with feed mechanism for precision-angled cuts
- Table-top unit for mounting on workbench or similar work places
- Hardened cutting edges made from specialized steel.

Technical data

		TSLD	VKSW
Width	mm	205	280
Length	mm	270	285
Height	mm	200	290
Weight	g	19000	15000
Note		Technical data without lever and length end stop	

Ordering data

Version	Type	Qty.	Order No.
	TSLD	1	**9918700000**
	TSLD C	1	**1270310000**
Note			

Type	Qty.	Order No.
VKSW	1	**1137530000**

Cable cutter

- One-hand operation
- Easy handling
- Minimal hand force required
- Release option in every cutting position
- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!

KT 45 R

Cu + Al: max. 45 mm

Cu: max. 300 mm²
Al: max. 400 mm²

Cu: max. 400 mm²

KT 55

Cu + Al: max. 55 mm

Cu: max. 500 mm²
Al: max. 500 mm²

Cu: max. 500 mm²

Technical data

Max. cutting performance, copper cable		KT 45 R	KT 55
Stranded (max. conductor cross-section)	mm²/kcmil	300 / 600	500 / 1000
Flexible (max. conductor cross-section)	mm²/kcmil	400 / 800	500 / 1000
Flexible, stranded (max. conductor diameter)	mm	45	55
Copper sector cable		3 x 70 SM	3 x 150 SM
Max. cutting performance, aluminium cable			
Stranded (max. conductor cross-section)	mm²/kcmil	400 / 800	500 / 1000
Stranded (max. conductor diameter)	mm	45	55
Aluminium sector cable		4 x 70 SE	4 x 150 SE
Data / telephone / control cable			
Max. outer diameter	mm	45	55
Tool data			
Length / Width / Height	mm	290 / 85 / 40	365 / 115 / 45
Weight	g	740	1450
Note			

Ordering data

Version	Type	Qty.	Order No.
	KT 45 R	1	9202040000
	Pivoting blade KT 45 R	1	9204270000
Note	The dimensions of the cable cutter refer to the delivery condition, i.e. the point of the hinged blade parallel to the fixed blade.		

Type	Qty.	Order No.
KT 55	1	9202060000
Pivoting blade KT 55	1	9204280000
The dimensions of the cable cutter refer to the delivery condition, i.e. the point of the hinged blade parallel to the fixed blade.		

Sheathing strippers

- Sheathing stripper for PVC cables
- Insulation can be stripped from any point along the cable
- Opening of slit insulation by means of integrated cutter

product design award

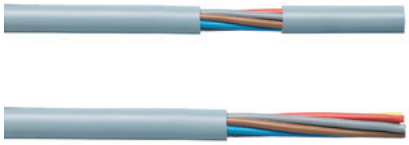
AM 16

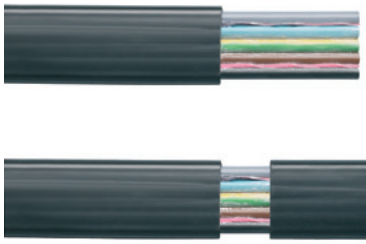
For round cable, Ø 6...17 mm

- Also very suitable for stripping cables in the cable duct

AMF 6/10 AM 16

For ribbon cable, 6 mm² and 10 mm²





Technical data

Max. stripping performance		AM 16	AMF 6/10
Cable type		PVC round cable	PVC ribbon cable
Conductor cross-section	-		
Conductor diameter	mm	6...17	
Depth of cut		0,8 - 2,5 mm	0 - 4,0 mm
Cutting performance			
UTP und STP data cables, max. diameter	mm		
Flexible (max. conductor cross-section)	mm²		
Tool data			
Length	mm	53	110
Weight	g	60	115
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	AM 16	1	9204190000	AMF 6/10		9204180000
Note						

Accessories

	Type	Qty.	Order No.	Type	Qty.	Order No.
	Spare blade	1	9204260000	Spare blade	1	9204250000
Note	Sheathing stripper			Sheathing stripper		

Stripping and cutting tools

- For flexible and solid conductors with PVC insulation
- Cable with double insulation in two processing steps without special adjustment
- Automatic opening of clamping jaws after stripping
- No play in self-adjusting cutting unit
- Long-lasting
- No splicing of single conductors
- Optimised ergonomic design
- Stripping length adjustable via stop
- Adjustable for different insulation thicknesses
- Switchable partial stripping function
- Removable handle shells
- Fold-out cutting protection
- Custom marking with ESG device markers

stripax®

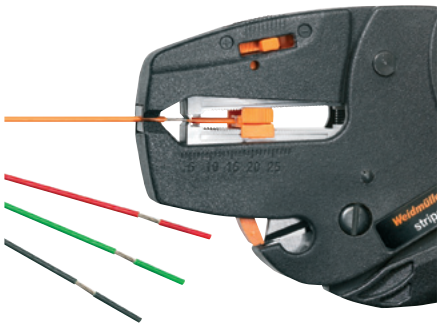
0.08 - 10 mm² **NEW**

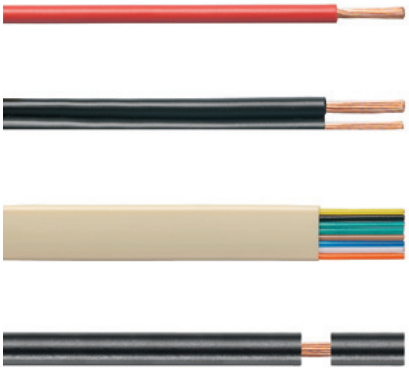
- Stripping: PVC insulated flexible conductor, size 0.08…10 mm² (~AWG 28…7)
- Cutting: PVC insulated flexible conductor, size 0.08…6 mm² (~AWG 28…10)
- Conductors undamaged due to special self adjusting stripping blades.
- Processing of multi-conductors, with thin flat ribbon cables and even multiple conductors in one operationr

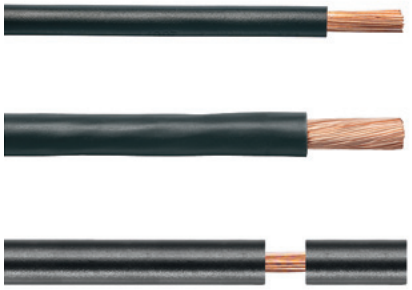
stripax® 16

6 - 16 mm² **NEW**

- Stripping: PVC insulated flexible and solid conductors (~AWG 10…6)
- Cutting: PVC insulated flexible and solid conductors, up to 6 mm² (AWG 10)
- Conductors undamaged due to special self adjusting stripping blades.







Technical data

Max. stripping performance		stripax®	stripax® 16
Cable type		Flexible and solid conductors with PVC insulation	Flexible and solid conductors with PVC insulation
Conductor cross-section	mm²	0.08…10	6…16
Stripping length, max.	mm	25	25
Cutting performance			
Max. cutting performance	mm²	6	6
Tool data			
Length	mm	190	190
Weight	g	175	175
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	stripax®	1	**9005000000**	stripax® 16	1	**9005610000**
Note						

Accessories

	Type	Qty.	Order No.	Type	Qty.	Order No.
	Spare stripping blades	1	**1119030000**	Spare stripping blades	1	**1119040000**
Note						

Crimping tools for wire end ferrules

Three functions:
- Cutting
- Stripping
- Crimping

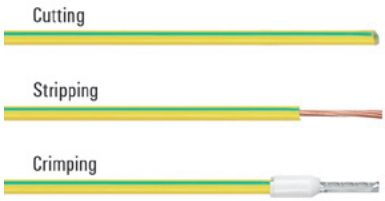
- Wire-end ferrules with plastic collars, in compliance with DIN 46228-4
- Ratchet for precise crimping.
- Efficient operation: Change of tools not necessary, resulting in a significant time savings
- Automatic conveyance of wire-end ferrules
- Quick adjustment for differing cross-sections
- Easy handling of ferrule strips

Only Weidmüller fifty-piece linked ferrule strips can be processed. The use of wire-end ferrules on reels can lead to damage.

stripax® plus 2.5

0.5...2.5 mm²

- For processing linked wire-end ferrules from Weidmüller 0.5...2.5 mm² (~AWG 20...14)



Technical data

Description of contact		STRIPAX PLUS 2.5
Type of contact		Strips of linked wire-end ferrules
Crimping range	mm²	0.5...2.5
Crimping range 1 (with multiple crimping positions)	mm²	0.5...0.75
Crimping range 2 (with multiple crimping positions)	mm²	1...1.5
Crimping range 3 (with multiple crimping positions)	mm²	2.5
Crimping range 4 (with multiple crimping positions)	-	
Crimping range 5 (with multiple crimping positions)	-	
Tool data		
Length	mm	210
Weight	g	260
Note		Only strip-type products from Weidmüller can be processed. The use of wire-end ferrules on reels can lead to damage.

Ordering data

Version	Type	Qty.	Order No.
	STRIPAX PLUS 2.5	1	9020000000
	Spare cutting blade	1	9050340000
Note			

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4 (~ AWG 24...16)
- Ratchet for precise crimping.
- Release option in the event of incorrect operation

PZ 4

0.5...4 mm²

- Only one crimping station for the whole cross-section range
- Wire-end ferrule insertion from the side

PZ 6/5

0.25...6 mm²

- Crimp complies with Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)
- Five crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side

Technical data

Description of contact		PZ 4	PZ 6/5
Type of contact		Wire-end ferrules with/without plastic collars	Wire-end ferrules with/without plastic collars
Crimping range	mm²	0.5...4	0.25...6
Crimping range 1 (with multiple crimping positions)	mm²		0.25...0.5
Crimping range 2 (with multiple crimping positions)	mm²		0.75...1.5
Crimping range 3 (with multiple crimping positions)	mm²		2.5
Crimping range 4 (with multiple crimping positions)	mm²		4
Crimping range 5 (with multiple crimping positions)	mm²		6
Tool data			
Length	mm	200	200
Weight	g	448	423
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	PZ 4	1	**9012500000**	PZ 6/5	1	**9011460000**
Note						

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4 (~ AWG 24...16)
- Ratchet for precise crimping.
- Release option in the event of incorrect operation

PZ 3

0.5...6 mm²

- Only one die for the whole cross-section range
- Wire-end ferrule insertion from the front

PZ 6 roto

0.14...6 mm²

- Only one die for the whole cross-section range
- Rotating die enables wire-end ferrule insertion from the front or side

Technical data

Description of contact		PZ 3	PZ 6 Roto
Type of contact		Wire-end ferrules with/without plastic collars	Wire-end ferrules with/without plastic collars
Crimping range	mm²	0.5...6	0.14...6
Crimping range 1 (with multiple crimping positions)	mm²		
Crimping range 2 (with multiple crimping positions)	mm²		
Crimping range 3 (with multiple crimping positions)	mm²		
Crimping range 4 (with multiple crimping positions)	mm²		
Crimping range 5 (with multiple crimping positions)	mm²		
Tool data			
Length	mm	200	200
Weight	g	426	428
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	PZ 3	1	**0567300000**	PZ 6 Roto	1	**9014350000**
Note						

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4 (~ AWG 24...16)
- Ratchet for precise crimping.
- Release option in the event of incorrect operation

PZ 16

6...16 mm²

- Crimp complies with Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)
- Three crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side

PZ ZH 16

Twin wire-end ferrules from 6...16 mm²

- Three crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side

Technical data

Description of contact		PZ 16	PZ ZH 16
Type of contact		Wire-end ferrules with/without plastic collars	Twin wire-end ferrules
Crimping range	mm²	6...16	6...16
Crimping range 1 (with multiple crimping positions)	mm²	6	6
Crimping range 2 (with multiple crimping positions)	mm²	10	10
Crimping range 3 (with multiple crimping positions)	mm²	16	16
Crimping range 4 (with multiple crimping positions)	mm²		
Crimping range 5 (with multiple crimping positions)	mm²		
Tool data			
Length	mm	200	250
Weight	g	418	730
Note			

Ordering data

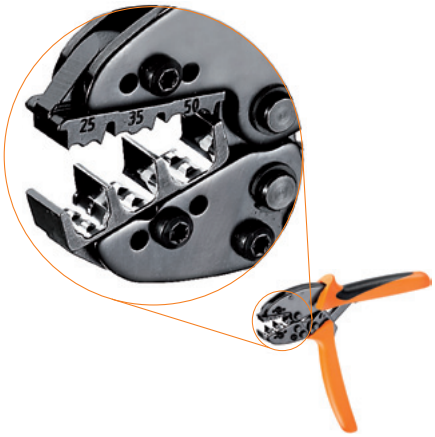
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	PZ 16	1	**9012600000**	PZ ZH 16	1	**9013600000**
Note						

Crimping tools for wire end ferrules

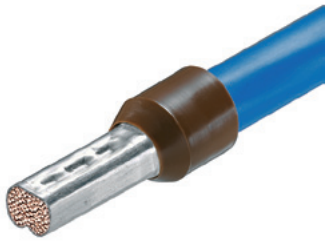
- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4 (~ AWG 24...16)
- Ratchet for precise crimping.
- Release option in the event of incorrect operation

PZ 50

25...50 mm²



- Crimp complies with Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)
- Three crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side



Technical data

Description of contact		PZ 50
Type of contact		Wire-end ferrules with/without plastic collars
Crimping range	mm²	25...50
Crimping range 1 (with multiple crimping positions)	mm²	25
Crimping range 2 (with multiple crimping positions)	mm²	35
Crimping range 3 (with multiple crimping positions)	mm²	50
Crimping range 4 (with multiple crimping positions)	-	
Crimping range 5 (with multiple crimping positions)	-	
Tool data		
Length	mm	250
Weight	g	730
Note		

Ordering data

Version	Type	Qty.	Order No.
	PZ 50	1	9006450000
Note			

Combined cutting and screw driving tool

That does not damage the edge; for cutting of copper cables.

- Solid cables with a diameter of up to 1.5 mm²
- Flexible cables with a diameter of up to 2.5 mm²

swifty®

swifty®

- Cable cutting tool to mount on non-insulated screw drivers with a blade diameter of 3.5 mm
- Minimum manual force required
- Automatic opening of the cutter
- Ergonomically designed grip

swifty®set

- Efficient operation:
- Only one tool for cable-processing in IDC-technology
- Suitable for screw and tension clamps
- Readily available pocket size
- For right-handed and left-handed use
- One-hand operation

swifty®set

Technical data

Maximum cutting capacity		
Copper cable:		
Solid cable (conductor cross-section)	mm²	1.5
Flexible cable (conductor cross-section)	mm²	2.5
Tool data		
Length / Width / Height	mm	35 / 18 / 40
Weight	g	20

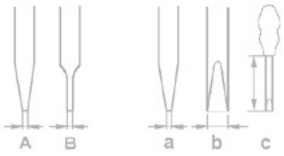
Ordering data

Type	Qty.	Order No.
swifty® (without screwdriver)	1	**9006020000**

Type	Qty.	Order No.
swifty®set (with screwdriver)	1	**9006060000**
Screwdriver (SD 0.6 3.5x100)	1	**9008330000**

VDE-insulated screwdriver

VDE-insulated screwdriver with pilot tip, for working on live parts up to 1000 VAC and 1500 VDC, DIN EN 60900, IEC 900, "GS" safety tested, with each individual piece tested. Bit made from fully hardened, high-alloy chromium-vanadiummolybdenum steel, gun-metal finish..



SDIS 2.5-5.5/PH/1/2

6-part set: VDE insulated slotted and crosshead PH screwdriver set

Type	Blade type	Size / AF	a	b	c	Order No.
SDI 0.4x2.5x75			0.4	2.5	80	
SDI 0.5x3.0x100			0.5	3.0	100	
SDI 0.8x4.0x100			0.8	4.0	100	
SDI 1.0x5.5x125			1.0	5.5	125	
SDI PH 1		1			80	
SDI PH 2		2			100	
SDIS 2.5-5.5/PH1/2						**9009730000**

SDIS 2.5-5.5/PZ/1/2

Six-piece set: VDE-insulated slotted and PZ-crosshead screwdriver set

SDI 0.4x2.5x75	A		0.4	2.5	80	
SDI 0.5x3.0x100	B		0.5	3.0	100	
SDI 0.8x4.0x100	B		0.8	4.0	100	
SDI 1.0x5.5x125	B		1.0	5.5	125	
SDI PZ 1		1			80	
SDI PZ 2		2			100	
SDIS 2.5-5.5/PZ1/2						**1128540000**

Weidmüller SoftFinish VDE-insulated electric screwdriver for working on live components with up to 1000 V AC and 1500 V DC, DIN EN 60900, IEC 900. "GS" safety-tested and every product tested.

SDIS 2.0-5.5

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

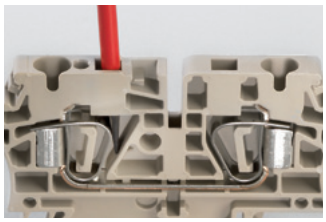
SDI 0.4x2.0x60	A		0.4	2.0	60	
SDI 0.4x2.5x75	A		0.4	2.5	75	
SDI 0.5x3.0x100	B		0.5	3.0	100	
SDI 0.6x3.5x100	B		0.6	3.5	100	
SDI 0.8x4.0x100	B		0.8	4.0	100	
SDI 1.0x5.5x125	B		1.0	5.5	125	
SDIS 2.0-5.5						**9205550000**

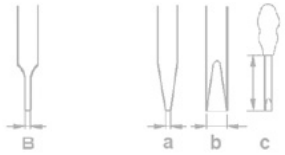
VDE-insulated screwdriver SlimLine

NEW

VDE-insulated screwdriver, for working on live parts up to 1000 V AC and 1500 V DC. DIN EN 60900, IEC 900, "GS safety-tested and each piece tested. Bit made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

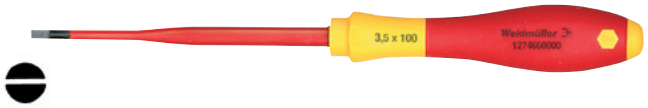
A blade that is up to 33 % thinner
The SlimLine design allows you to reach deeply inset fittings and tension clamp terminals.





SDI SL S

VDE insulated slot-head screwdriver, SDI SL DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip



Type	Blade type	Size / AF	a	b	c	Order No.
SDI SL 0.6x3.5x100	B		0.6	3.5	100	**1274660000**
SDI SL 0.8x4.0x100	B		0.8	4.0	100	**1274670000**
SDI SL 1.0x4.5x125	B		1.0	4.5	125	**1274680000**
SDI SL 1.2x6.5x150	B		1.2	6.5	150	**1274690000**

SDIK SL PH

VDE-insulated crosshead screwdriver, Phillips type, SDIK SL PH DIN 7438, ISO 8764/2-PH, output acc. to ISO 8764-PH, SoftFinish grip

SDIK SL PH1		1			80	**1274710000**
SDIK SL PH2		2			100	**1274720000**

SDIK SL PZ

VDE-insulated crosshead screwdriver Pozidrive type, SDIK SL PZ DIN 7438, ISO 8764/2-PZ, output acc. to ISO 8764-PZ, SoftFinish grip

SDIK SL PZ1		1			80	**1274730000**
SDIK SL PZ2		2			100	**1274740000**

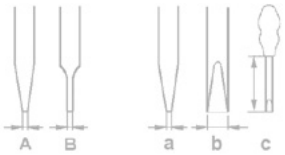
SDIS SL 2.5-5.5/PH/1/2

6-part set: VDE insulated slotted and crosshead PH screwdriver set

SDI SL 0.6x3.5x100	B		0.6	3.5	100	
SDI SL 0.8x4.0x100	B		0.8	4.0	100	
SDI SL 1.0x5.5x125	B		1.0	4.5	125	
SDI SL 1.2x6.5x150	B		1.2	6.5	150	
SDIK SL PH1		1			80	
SDIK SL PH2		2			100	
SDIS SL 2.5-5.5/PH1/2						**1274750000**

Uninsulated screwdriver

Weidmüller SoftFinish screwdriver for general use. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, matt chrome finish.



SD S

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

Type	Blade type	Size / AF	a	b	c	Order No.
SD 0.4x2.0x60	B		0.4	2.0	60	**9037160000**
SD 0.4x2.5x75	A		0.4	2.5	75	**9009030000**
SD 0.5x3.0x80	A		0.5	3.0	80	**9008320000**
SD 0.6x3.5x100	A		0.6	3.5	100	**9008330000**
SD 0.6x3.5x200	A		0.6	3.5	200	**9010110000**
SD 0.8x4.0x100	A		0.8	4.0	100	**9008340000**
SD 0.8x4.5x125	A		0.8	4.5	125	**9009020000**
SD 1.0x5.5x150	A		1.0	5.5	150	**9008350000**
SD 1.2x6.5x150	A		1.2	6.5	150	**9009010000**

SDK PZ

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, ouput to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

SDK PZ0		0			60	**9008520000**
SDK PZ1		1			80	**9008530000**
SDK PZ2		2			100	**9008540000**
SDK PZ3		3			150	**9008550000**

SD TH

Torx® TH screwdriver with hole in tip of blade (tamper-resistant), SD TH for screwing Torx® and Torx®-TH security screws (pin in centre of Torx recess), chrome top tip, SoftFinish grip. The SD TH20 can be used with the Klippon K housing series.

SD TH20	20				100	**9009160000**

SK

The SK 10.0x125 Allen key, SK DIN 3125, drive output acc. to DIN 475/2, SoftFinish grip. It can be used with all sizes from the Klippon TB and Klippon STB housing series.

SK 10.0x125	10				125	**9009070000**

Weidmüller wrench set

Allen key made from fully hardened, high-alloy chromium-vanadium steel, produced acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.

SK WSD S

9-piece offset screwdriver set in Prostar holder, with MagicRing: holds standard screws (size 3 and larger) in any position thanks to spring steel ring, with ball point: for working at angles up to 25°.

SK S

7-piece Allen key set

SK S

7-piece Allen key set with MagicRing and ball point: holds standard screws (size 3 and larger) in any position thanks to spring steel ring, with ball point: for working at angles up to 25°.

TH S

8-piece Torx®-TH screwdriver set with hole in the blade point (tamper-proof), for screwing Torx® and Torx®-TH tamper-proof screws (centre pin in profile)

Type	Blade type	Size / AF	a	b	c	Order No.
		1.5				
		2				
		2.5				
		3				
		4				
		5				
		6				
		8				
		10				
SK WSD-S 1.5-10.0						**9008850000**

		2				
		2.5				
		3				
		4				
		5				
		6				
		8				
SKS 2.0-8.0						**9008860000**

		2				
		2.5				
		3				
		4				
		5				
		6				
		8				
SKS 2.0-8.0 MR						**9008870000**

		9				
		10				
		15				
		20				
		25				
		27				
		30				
		40				
TH-S 9-40						**9008880000**

DMS manual / DMSI manual

Torque screwdrivers with insulation up to 1000 V (VDE) DMSI manual

The “DMSI manual” with an integral window-scale, combined with a Weidmüller 1000 V insulated (VDE) interchangeable blade ensures controlled tightening of screws plus reliability in electrical applications.

Every 1000 V insulated handle (VDE) and blade (VDE) is tested and provides the necessary safety up to 1000 V AC/1500 V DC.

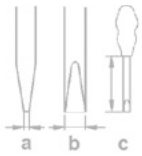
Torque screwdrivers DMS manual

This is a versatile tool suitable for a variety of jobs, with an integral scale for easy reading of the torque value plus a Weidmüller interchangeable blade.

Each model is available with two torque ranges:
- 0.5 to 1.7 Nm
- 2.0 to 8.0 Nm
- setting tool included

Advantages:
- Compact and especially lightweight design
- Torque set with special tool (included) to ensure the right setting
- Ergonomic handle size to match the torque range
- Every tool checked and given an ID No., 100 % quality control with verification and product reference
- Audible, unmistakable click upon reaching the torque, no unnecessary effort
- Interchangeable blade made from high-quality wear-resistant tool steel
- All tools comply with the accuracy stipulations of: EN ISO 6798, BS EN 26789, ASME B107.14M
- Operating accuracy: ±6 % of set scale value

Uninsulated torque screwdriver



DMS manual

Torque screwdriver EN ISO 6798, BS EN 26789, ASME B107.14M

Type	Size / AF	a	b	c	Order No.
DMS MANUELL 0.5-1.7	0.5 - 1.7 Nm				9918370000
DMS MANUELL 2.0-8.0	2.0 - 8.0 Nm				9918380000

WK K S

Interchangeable bits for torque screwdriver
output acc. to DIN 5264, ISO 2380/1

WK S 0.4x2.5	max. 0.4 Nm	0.4	2.5	175	9918520000
WK S 0.5x3.0	max. 0.6 Nm	0.5	3.0	175	9918530000
WK S 0.6x3.5	max. 1.1 Nm	0.6	3.5	175	9918540000
WK S 0.8x4.0	max. 2.5 Nm	0.8	4.0	175	9918550000
WK S 1.0x5.5	max. 3.8 Nm	1.0	5.5	175	9918560000

WK K PZ

Interchangeable bits for torque screwdriver
output acc. to DIN 5260-PZ, ISO 8764/1-PZ

WK K PZ0	max. 0.9 Nm			175	9918600000
WK K PZ1	max. 3.8 Nm			175	9918610000
WK K PZ2	max. 5.5 Nm			175	9918620000

WK K PH

Interchangeable bits for torque screwdriver
output acc. to DIN 5260-PH, ISO 8764/1-PH

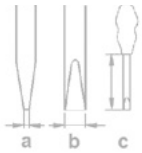
WK K PH0	max. 0.9 Nm			175	9918570000
WK K PH1	max. 3.8 Nm			175	9918580000
WK K PH2	max. 5.5 Nm			175	9918590000

WGK 1/4 C6.3 E6.3

Interchangeable bit with bit holder for torque screwdrivers
Drive: 1/4" C6.3 and 1/4" E6.3

WK 1/4" C6.3 E6.3					9202510000

VDE-insulated torque screwdriver



DMSI manual

VDE-insulated torque screwdriver
EN ISO 6798, BS EN 26789, ASME B107.14M

Type	Size / AF	a	b	c	Order No.
DMSI MANUELL 0.5-1.7	0.5 - 1.7 Nm				**9918390000**
DMSI MANUELL 2.0-8.0	2.0 - 8.0 Nm				**9918400000**

WK SI

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver; output acc. to DIN 5264, ISO 2380/1

WK SI 0.4x2.5	max. 0.4 Nm	0.4	2.5	220	**9918410000**
WK SI 0.5x3.0	max. 0.6 Nm	0.5	3.0	220	**9918420000**
WK SI 0.6x3.5	max. 1.1 Nm	0.6	3.5	220	**9918430000**
WK SI 0.8x4.0	max. 2.5 Nm	0.8	4.0	220	**9918440000**
WK SI 1.0x5.5	max. 3.8 Nm	1.0	5.5	220	**9918450000**

WK IK PH

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver; output acc. to DIN 5260-PH, ISO 8764/1-PH

WK IK PH0	max. 0.9 Nm			220	**9918460000**
WK IK PH1	max. 3.8 Nm			220	**9918470000**
WK IK PH2	max. 5.5 Nm			220	**9918480000**

WK IK PZ

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver; output acc. to DIN 5260-PZ, ISO 8764/1-PZ

WK IK PZ0	max. 0.9 Nm			220	**9918490000**
WK IK PZ1	max. 3.8 Nm			220	**9918500000**
WK IK PZ2	max. 5.5 Nm			220	**9918510000**

Pin and electrical cabinet key

IS 4 / IS 6 / IS 8

Wrench with pegged pilot tip

Hexagon screwdriver with cross-grip made from high-quality plastics

- Surface nickel-plated
- Made from hardened chromium-vanadium steel
- According to DIN 6911
- Designed for screws acc. to DIN 6912

Ordering data

Type	Blade length (C)	Qty.	Order No.
IS 4 DIN 6911	60	1	0485100000
IS 6 DIN 6911	80	1	0407900000
IS 8 DIN 6911	90	1	0235000000

Technical data

Blade length [C]	60 mm / 80 mm / 90 mm
Weight	34 g

IS 2 KG / IS 3 KG / IS 4 KG

Socket wrench

Hexagon screwdriver with cross-grip made from high-quality plastics

- Surface nickel-plated
- Made from hardened chromium-vanadium steel
- According to DIN 6911
- Designed for screws acc. to DIN 6912

Ordering data

Type	Qty.	Order No.
IS 2 KG	1	1806630000
IS 3 KG	1	1806650000
IS 4 KG	1	1806660000

Technical data

Blade length [C]	100 mm
Weight	32 g

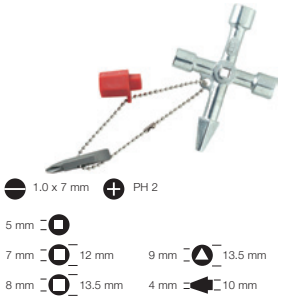
Cross-Key Master

Universal key

- With bit holder and reversible bit (drives - refer to symbols)
- Material: die cast zinc
- Dimensions: 62 x 90 mm
- **Applications:**
  For almost all commercial locking systems in buildings including: doors, window handles, radiator bleed valves, sanitary installations, HVAC, gas and water supply.

Ordering data

Type	Qty.	Order No.
CROSS-KEY MASTER	1	9918150000



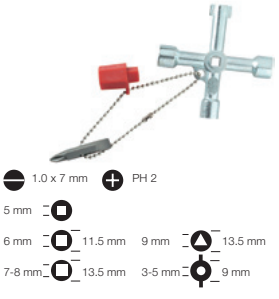
Cross-Key Universal

Universal electrical cabinet key

- With bit holder and reversible bit (drives - refer to symbols)
- Material: die cast zinc
- Dimensions: 72 x 72 mm
- **Applications:**
  For locking systems used in electrical engineering, fits all standard electrical cabinet locks.

Ordering data

Type	Qty.	Order No.
CROSS-KEY UNIVERSAL	1	9918130000



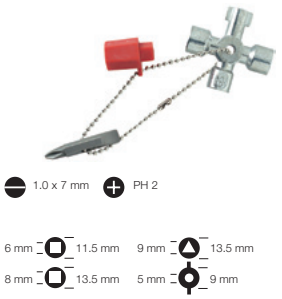
Cross-Key Universal S

Universal mini electrical cabinet key

- With bit holder and reversible bit (drives - refer to symbols)
- Material: die cast zinc
- Dimensions: 42 x 42 mm
- **Applications:**
  For locking systems used in electrical engineering, fits all standard electrical cabinet locks.

Ordering data

Type	Qty.	Order No.
CROSS-KEY UNIVERSAL S	1	9918140000



Rechargeable torque screwdriver

DMS 3

DMS 3 Set

DMS 3 rechargeable torque screwdriver

- One-hand operation under all working conditions
- Switchable forward and reverse
- Two speeds: 200 and 400 rpm
- Precise torque settings from approx. 0.3 ... 3 Nm in 6 steps
- Consistent performance during battery discharge
- Grip swings easily from rod to pistol form
- Takes 1/4" bits held ball-bearing clamping mechanism (form E6.3)
- Safety lock prevents inadvertent operation
- Easy changeover from battery drive to manual operation up to 15 Nm

Technical data

Screwdriver	
Motor	2.4 V DC
Idling speed	200/400 min^{-1}
Max. torque	3.0 Nm
Chuck	1/4" E 6.3 DIN 3126
Length	239 mm
Weight	400 g
Battery	
Type	2 Ni-Cd batteries each 1.2 V
Weight	122 g
Charger	
Input	230 V AC, 50 Hz, 50 mA
Output	2.9 V AC, 1.4 A, 4.1 VA
Charging time	1 hour
Weight	700 g

Ordering data

Type	Qty.	Order No.
DMS 3 Screwdriver incl. battery	1	**9007440000**

Type	Qty.	Order No.
DMS 3 set 1 (screwdriver incl. battery, charger, bits, plastic carrying case)*	1	**9007470000**
DMS 3 set 2 (as set1 with 1 additional battery)	1	**9007480000**

*) see picture

Accessories

Type	Qty.	Order No.
Spare battery	1	**9007450000**
Charger	1	**9007460000**

Tools

Tools for insulated cable lugs

Tool		Type of contact		
	Order No.	0.5 - 1.5	1.5 - 2.5	4.0 - 6.0
CTI 6	9006120000	●	●	●
CTI 6 G	9202850000	●	●	●
HTI 15	9014400000	●	●	
Station		red	blue	yellow

Crimping tools for ferrules

	PZ 1.5	stripax® plus 2.5	PZ 3	PZ 4	PZ 6 roto	PZ 6 HEX	PZ 6/5	PZ 16	PZ 50
	Order No.								
	9005990000	9020000000	0567300000	9012500000	9014350000	9013650000	9011460000	9012600000	9006450000
AEH mm²									
H 0.14	●				●	●			
H 0.25	●				●	●	●		
H 0.34	●				●	●	●		
H 0.5	●	●1	●	●	●	●	●		
H 0.75	●	●1	●	●	●	●	●		
H 1.0	●	●1	●	●	●	●	●		
H 1.5	●	●1	●	●	●	●	●		
H 2.5		●1	●	●	●	●	●		
H 4.0			●	●	●	●	●		
H 6.0			●		●	●	●	●	
H 10.0								●	
H 16.0								●	
H 25.0									●
H 35.0									●
H 50.0									●

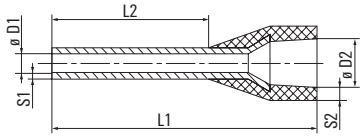
●1 = ferrules in strip form only

Twin wire end ferrules are to be crimped according to the following table:

Tool		Ferrules								
	Order No.	H 0.5	H 0.75	H 1.0	H 1.5	H 2.5	H 4.0	H 6.0	H 10.0	H 16.0
PZ 1.5	9005990000	●	●							
PZ 3	0567300000	●	●	●	●	●				
PZ 4	9012500000	●	●	●	●	●				
PZ 6 roto	9014350000	●	●	●	●	●	●			
PZ 6/5	9011460000		●	●	●	●	●			
Station		1.5 mm²	1.5 mm²	2.5 mm²	2.5 mm²	4 mm²	6 mm²			
PZ ZH 16	9013600000							●	●	●

Wire end ferrules

Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from non-flammable material on request

For conductors from 0.14 to 150 mm²
(AWG 26-300MCM)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

Weidmüller colour code

packed loose

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.25/10	0.25	24	10.0	6.0	0.8	1.8	0.15	0.25	8.0	light blue	500	9025740000
H0.25/12	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	light blue	500	9025760000
H0.34/10	0.34	22	10.0	6.0	0.8	2.0	0.15	0.25	8.0	turquoise	500	9025750000
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	0.15	0.25	10.0	turquoise	500	9025770000
H0.5/12	0.50	20	12.0	6.0	1.0	2.6	0.15	0.25	8.0	orange	500	0409500000
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	orange	500	0690700000
H0.5/16	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	orange	500	9025870000
H0.75/12	0.75	18	12.0	6.0	1.2	2.8	0.15	0.25	8.0	white	500	0409600000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	white	500	0462900000
H0.75/16	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	white	500	9025860000
H0.75/18	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	white	500	9025910000
H1.0/12	1.00	17	12.0	6.0	1.4	3.0	0.15	0.25	8.0	yellow	500	0409700000
H1.0/14	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	yellow	500	0463000000
H1.0/16	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	yellow	500	9025950000
H1.0/18	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	yellow	500	9025930000
H1.5/14	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	red	500	0463100000
H1.5/16	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	red	500	0635100000
H1.5/24	1.50	16	24.0	18.0	1.7	3.5	0.15	0.25	20.0	red	500	0565600000
H2.5/15D	2.50	14	15.0	8.0	2.2	4.2	0.15	0.25	10.0	blue	500	9019160000
H2.5/19D	2.50	14	19.0	12.0	2.2	4.2	0.15	0.25	14.0	blue	500	9019170000
H2.5/25D	2.50	14	25.0	18.0	2.2	4.2	0.15	0.25	20.0	blue	500	9019180000
H4.0/18D	4.00	12	18.0	10.0	2.8	4.8	0.2	0.3	12.0	grey	500	9019190000
H4.0/20D	4.00	12	20.0	12.0	2.8	4.8	0.2	0.3	14.0	grey	500	9019200000
H4.0/26D	4.00	12	26.0	18.0	2.8	4.8	0.2	0.3	20.0	grey	100	9019210000
H6.0/20	6.00	10	20.0	12.0	3.5	6.3	0.2	0.3	14.0	black	100	0533500000
H6.0/26	6.00	10	26.0	18.0	3.5	6.3	0.2	0.3	20.0	black	100	0565700000
H10.0/22	10.00	7	22.0	12.0	4.5	7.6	0.2	0.4	15.0	ivory	100	0534200000
H10.0/28	10.00	7	28.0	18.0	4.5	7.6	0.2	0.4	21.0	ivory	100	0565800000
H16.0/22	16.00	6	22.0	12.0	5.8	8.8	0.2	0.4	15.0	green	100	0565900000
H16.0/28	16.00	6	28.0	18.0	5.8	8.8	0.2	0.4	21.0	green	100	0566000000
H25.0/30	25.00	3	30.0	16.0	7.3	11.2	0.2	0.4	18.0	brown	50	0317000000
H25.0/36	25.00	3	36.0	22.0	7.3	11.2	0.2	0.4	24.0	brown	50	0317100000
H35.0/30	35.00	2	30.0	16.0	8.3	12.7	0.2	0.4	19.0	beige	50	0317200000
H35.0/39	35.00	2	39.0	25.0	8.3	12.7	0.2	0.4	28.0	beige	50	0317300000
H50.0/36	50.00	1	36.0	20.0	10.3	15.0	0.3	0.5	26.0	olive green	50	0444200000
H70.0/37	70.00	2/0	37.0	21.0	12.7	16.0	0.35	0.6	26.0	yellow	25	9028200000
H95.0/44	95.00	3/0	44.0	25.0	14.7	18.0	0.35	0.6	31.0	red	25	9028210000
H120.0/50	120.00	4/0	50.0	30.0	16.5	21.0	0.5	0.7	36.0	blue	25	9028220000
H150.0/54	150.00	300 MCM	54.0	32.0	18.5	23.5	0.5	0.75	38.0	yellow	25	9028230000

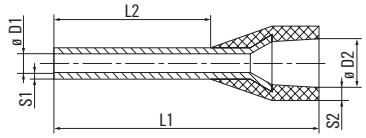
Weidmüller colour code

in multipack bag

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.14/10	0.14	26	10.0	6.0	0.6	1.5	0.15	0.25	8.0	grey	500	9005180000
H0.14/12	0.14	26	12.0	8.0	0.6	1.5	0.15	0.25	10.0	grey	500	9028240000
H0.25/10	0.25	24	10.0	6.0	0.8	1.8	0.15	0.25	8.0	light blue	500	9026050000
H0.25/12	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	light blue	500	9025780000
H0.34/10	0.34	22	10.0	6.0	0.8	2.0	0.15	0.25	8.0	turquoise	500	9026030000
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	0.15	0.25	10.0	turquoise	500	9025790000
H0.5/12	0.50	20	12.0	6.0	1.0	2.6	0.15	0.25	8.0	orange	500	9028260000
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	orange	500	9026060000
H0.5/16	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	orange	500	9028270000
H0.75/12	0.75	18	12.0	6.0	1.2	2.8	0.15	0.25	8.0	white	500	9028280000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	white	500	9026070000
H0.75/16	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	white	500	9028290000
H0.75/18	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	white	500	9028300000
H1.0/12	1.00	17	12.0	6.0	1.4	3.0	0.15	0.25	8.0	yellow	500	9028310000
H1.0/14	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	yellow	500	9026080000
H1.0/16	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	yellow	500	9028320000
H1.0/18	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	yellow	500	9028340000
H1.5/14	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	red	500	9026090000
H1.5/16	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	red	500	9028350000
H2.5/15	2.50	14	15.0	8.0	2.2	4.2	0.15	0.25	10.0	blue	500	9026100000
H4.0/18	4.00	12	18.0	10.0	2.8	4.8	0.2	0.3	12.0	grey	250	9026010000

Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammible material on request

For conductors from 0.5 to 2.5 mm² (AWG 22-14)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

Weidmüller colour code

Strip of wire end ferrules

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	orange	500	**9004270000**
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	white	500	**9004290000**
H1.0/14	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	yellow	500	**9004320000**
H1.5/14	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	red	500	**9004340000**
H2.5/14D	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	blue	500	**9004360000**

Weidmüller colour code

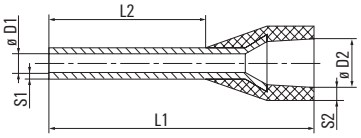
Reel of wire end ferrules

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	0.15	0.25	10.0	turquoise	5000	**9004390000**
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	orange	5000	**9005810000**
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	white	5000	**9005820000**
H1.0/14	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	11.0	yellow	5000	**9005830000**
H1.5/14	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	red	5000	**9005840000**
H2.5/14D	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	blue	3000	**9005850000**

Wire end ferrules

Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 0.5 to 50 mm² (AWG 20-1)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

DIN colour code

packed loose

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	VG*	Qty.	Order No.
H0.5/12D	0.50	20	12.0	6.0	1.0	2.6	0.15	0.25	8.0	❍ white	T 20A 001 A	500	**9019000000**
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	❍ white	T 20A 002 A	500	**9019010000**
H0.5/16D	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	❍ white	T 20A 003 A	500	**9019020000**
H0.75/12D	0.75	18	12.0	6.0	1.2	2.8	0.15	0.25	8.0	● grey	T 20A 004 A	500	**9019030000**
H0.75/14D	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	● grey	T 20A 005 A	500	**9019040000**
H0.75/16D	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	● grey	T 20A 006 A	500	**9019050000**
H0.75/18D	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	● grey	T 20A 007 A	500	**9019060000**
H1.0/12D	1.00	17	12.0	6.0	1.4	3.0	0.15	0.25	8.0	● red	T 20A 008 A	500	**9019070000**
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● red	T 20A 009 A	500	**9019080000**
H1.0/16D	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	● red	T 20A 010 A	500	**9019100000**
H1.0/18D	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	● red	T 20A 011 A	500	**9019110000**
H1.5/14D	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	● black	T 20A 012 A	500	**9019120000**
H1.5/16D	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	● black	T 20A 013 A	500	**9019130000**
H1.5/18D	1.50	16	18.0	12.0	1.7	3.5	0.15	0.25	15.0	● black	T 20A 014 A	500	**9019140000**
H1.5/24D	1.50	16	24.0	18.0	1.7	3.5	0.15	0.25	20.0	● black	T 20A 015 A	500	**9019150000**
H2.5/15D	2.50	14	15.0	8.0	2.2	4.2	0.15	0.25	10.0	● blue	T 20A 016 A	500	**9019160000**
H2.5/19D	2.50	14	19.0	12.0	2.2	4.2	0.15	0.25	14.0	● blue	T 20A 017 A	500	**9019170000**
H2.5/25D	2.50	14	25.0	18.0	2.2	4.2	0.15	0.25	20.0	● blue	T 20A 018 A	500	**9019180000**
H4.0/18D	4.00	12	18.0	10.0	2.8	4.8	0.2	0.3	12.0	● grey	T 20A 019 A	500	**9019190000**
H4.0/20D	4.00	12	20.0	12.0	2.8	4.8	0.2	0.3	14.0	● grey	T 20A 020 A	500	**9019200000**
H4.0/26D	4.00	12	26.0	18.0	2.8	4.8	0.2	0.3	20.0	● grey	T 20A 021 A	100	**9019210000**
H6.0/20D	6.00	10	20.0	12.0	3.5	6.3	0.2	0.3	14.0	● yellow	T 20A 022 A	100	**9019220000**
H6.0/26D	6.00	10	26.0	18.0	3.5	6.3	0.2	0.3	20.0	● yellow	T 20A 023 A	100	**9019230000**
H10.0/22D	10.00	7	22.0	12.0	4.5	7.6	0.2	0.4	15.0	● red	T 20A 024 A	100	**9019240000**
H10.0/28D	10.00	7	28.0	18.0	4.5	7.6	0.2	0.4	21.0	● red	T 20A 025 A	100	**9019250000**
H16.0/22D	16.00	6	22.0	12.0	5.8	8.8	0.2	0.4	15.0	● blue	T 20A 026 A	100	**9019260000**
H16.0/28D	16.00	6	28.0	18.0	5.8	8.8	0.2	0.4	21.0	● blue	T 20A 027 A	100	**9019270000**
H25.0/30D	25.00	3	30.0	16.0	7.3	11.2	0.2	0.4	18.0	● yellow	T 20A 028 A	50	**9019280000**
H25.0/36D	25.00	3	36.0	22.0	7.3	11.2	0.2	0.4	24.0	● yellow	T 20A 030 A	50	**9019300000**
H35.0/32D	35.00	2	32.0	18.0	8.3	12.7	0.2	0.4	21.0	● red	T 20A 032 A	50	**9019320000**
H35.0/30D	35.00	2	30.0	16.0	8.3	12.7	0.2	0.4	19.0	● red	T 20A 031 A	50	**9019310000**
H35.0/39D	35.00	2	39.0	25.0	8.3	12.7	0.2	0.4	28.0	● red	T 20A 033 A	50	**9019330000**
H50.0/36D	50.00	1	36.0	20.0	10.3	15.0	0.3	0.5	26.0	● blue	T 20A 034 A	50	**9019340000**
H50.0/41D	50.00	1	41.0	25.0	10.3	15.0	0.3	0.5	31.0	● blue	T 20A 035 A	50	**9019350000**

DIN colour code

in multipack bag

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	VG*	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	❍ white	T 20A 002 A	500	**9019400000**
H0.75/14D	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	● grey	T 20A 005 A	500	**9019410000**
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● red	T 20A 009 A	500	**9019420000**
H1.5/14D	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	● black	T 20A 012 A	500	**9019430000**
H2.5/15	2.50	14	15.0	8.0	2.2	4.2	0.15	0.25	10.0	● blue	T 20A 016 A	500	**9026100000**
H4.0/18	4.00	12	18.0	10.0	2.8	4.8	0.2	0.3	12.0	● grey	019 A	250	**9026010000**

DIN colour code

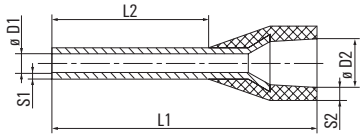
Strip of wire end ferrules

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	VG*	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	❍ white	T 20A 002 A	500	**9004280000**
H0.75/14D	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	● grey	T 20A 005 A	500	**9004300000**
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● red	T 20A 009 A	500	**9004330000**
H1.5/14D	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	● black	T 20A 012 A	500	**9004350000**
H2.5/14D	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	● blue	T 20A 016 A	500	**9004360000**

VG* = Military designation according to VG 96933-20

Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 0.5 to 2.5 mm² (AWG 20-14)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

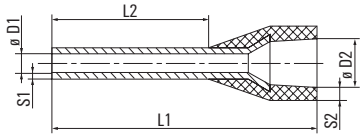
DIN colour code

Reel of wire end ferrules

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	VG*	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	white		5000	**9005860000**
H0.75/14D	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	grey		5000	**9005870000**
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	11.0	red		5000	**9005880000**
H1.5/14D	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	black		5000	**9005890000**
H2.5/14D	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	blue		3000	**9005850000**

Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 0.14 to 25 mm² (AWG 26-3)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

other colour code

packed loose

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.25/10T	0.25	24	10.0	6.0	0.8	1.8	0.15	0.25	8.0	yellow	500	9021010000
H0.25/12T	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	yellow	500	9021020000
H0.5/12D	0.50	20	12.0	6.0	1.0	2.6	0.15	0.25	8.0	white	500	9019000000
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	white	500	9019010000
H0.5/16D	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	white	500	9019020000
H0.75/12T	0.75	18	12.0	6.0	1.2	2.8	0.15	0.25	8.0	light blue	500	9021030000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	light blue	500	9021040000
H0.75/16T	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	light blue	500	9021050000
H0.75/18T	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	light blue	500	9021060000
H1.0/12D	1.00	17	12.0	6.0	1.4	3.0	0.15	0.25	8.0	red	500	9019070000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	red	500	9019080000
H1.0/16D	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	red	500	9019100000
H1.0/18D	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	red	500	9019110000
H1.5/14D	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	black	500	9019120000
H1.5/16D	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	black	500	9019130000
H1.5/18D	1.50	16	18.0	12.0	1.7	3.5	0.15	0.25	15.0	black	500	9019140000
H1.5/24D	1.50	16	24.0	18.0	1.7	3.5	0.15	0.25	20.0	black	500	9019150000
H2.5/15T	2.50	14	15.0	8.0	2.2	4.2	0.15	0.25	10.0	grey	500	9021070000
H2.5/19T	2.50	14	19.0	12.0	2.2	4.2	0.15	0.25	14.0	grey	500	9021080000
H2.5/25T	2.50	14	25.0	18.0	2.2	4.2	0.15	0.25	20.0	grey	500	9021090000
H4.0/18T	4.00	12	18.0	10.0	2.8	4.8	0.2	0.3	12.0	orange	500	9021100000
H4.0/20T	4.00	12	20.0	12.0	2.8	4.8	0.2	0.3	14.0	orange	500	9021110000
H4.0/26T	4.00	12	26.0	18.0	2.8	4.8	0.2	0.3	20.0	orange	100	9021120000
H6.0/20T	6.00	10	20.0	12.0	3.5	6.3	0.2	0.3	14.0	green	100	9021130000
H6.0/26T	6.00	10	26.0	18.0	3.5	6.3	0.2	0.3	20.0	green	100	9021140000
H10.0/22T	10.00	7	22.0	12.0	4.5	7.6	0.2	0.4	15.0	brown	100	9021150000
H10.0/28T	10.00	7	28.0	18.0	4.5	7.6	0.2	0.4	21.0	brown	100	9021160000
H16.0/22T	16.00	6	22.0	12.0	5.8	8.8	0.2	0.4	15.0	white	100	9021170000
H16.0/28T	16.00	6	28.0	18.0	5.8	8.8	0.2	0.4	21.0	white	100	9021180000
H25.0/30T	25.00	3	30.0	16.0	7.3	11.2	0.2	0.4	18.0	black	50	9021190000
H25.0/36T	25.00	3	36.0	22.0	7.3	11.2	0.2	0.4	24.0	black	50	9021200000

other colour code

in multipack bag

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.14/10T	0.14	26	10.0	6.0	0.6	1.5	0.15	0.25	8.0	brown	500	9028250000
H0.25/10T	0.25	24	10.0	6.0	0.8	1.8	0.15	0.25	8.0	yellow	500	9021210000
H0.25/12T	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	yellow	500	9021220000
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	white	500	9019400000
H0.75/14T	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	light blue	500	9021230000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	red	500	9019420000
H1.5/14D	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	black	500	9019430000
H1.5/24D	1.50	16	24.0	18.0	1.7	3.5	0.15	0.25	20.0	black	500	9004140000
H2.5/15T	2.50	14	15.0	8.0	2.2	4.2	0.15	0.25	10.0	grey	500	9021240000
H4.0/18T	4.00	12	18.0	10.0	2.8	4.8	0.2	0.3	12.0	orange	250	9021250000

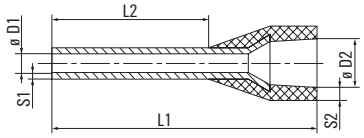
other colour code

Strip of wire end ferrules

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	white	500	9004280000
H0.75/14T	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	light blue	500	9004310000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	red	500	9004330000
H1.5/14D	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	black	500	9004350000
H2.5/14T	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	grey	500	9004370000

Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 0.5 to 2.5 mm² (AWG 20-14)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

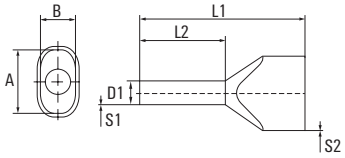
other colour code

Reel of wire end ferrules

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	white	5000	**9005860000**
H0.75/14T	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	light blue	5000	**9005900000**
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	11.0	red	5000	**9005880000**
H1.5/14D	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	black	5000	**9005890000**
H2.5/14T	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	grey	3000	**9005910000**

Twin-wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 2 No. 0.5 to 2 No. 16 mm²
(2 No. AWG 20 to 2 No. AWG 6)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

Weidmüller colour code

packed loose

Ordering data

Type	ø mm²	AWG	L1	L2	D1	S1	S2	A	B	Stripping length	Colour	Qty.	Order No.
H0.5/14	0.50	20	14.0	8.0	1.4	0.15	0.3	5.0	3.0	11.0	orange	500	9037200000
H0.5/16	0.50	20	16.0	10.0	1.4	0.15	0.3	5.0	3.0	13.0	orange	500	9037210000
H0.5/18	0.50	20	18.0	12.0	1.4	0.15	0.3	5.0	3.0	15.0	orange	500	9037220000
H0.75/14	0.75	18	14.0	8.0	1.7	0.15	0.3	5.5	3.0	11.0	white	500	9037230000
H0.75/16	0.75	18	16.0	10.0	1.7	0.15	0.3	5.5	3.0	13.0	white	500	9037240000
H0.75/19S	0.75	18	19.0	12.0	1.4	0.15	0.3	5.5	3.0	21.0	white	500	9202820000
H0.75/24	0.75	18	24.0	18.0	1.7	0.15	0.3	5.5	3.0	21.0	white	500	9037250000
H1.0/15	1.00	17	15.0	8.0	2.0	0.15	0.3	5.8	3.2	12.0	yellow	500	9037260000
H1.0/15S	1.00	17	16.0	8.0	2.2	0.15	0.3	5.8	3.2	12.0	yellow	500	9018690000
H1.0/19	1.00	17	19.0	12.0	2.0	0.15	0.3	5.8	3.2	16.0	yellow	500	9037270000
H1.0/25	1.00	17	25.0	18.0	2.0	0.15	0.3	5.8	3.2	22.0	yellow	500	9037280000
H1.5/16	1.50	16	16.0	8.2	2.2	0.15	0.3	6.5	3.6	11.0	red	500	9037290000
H1.5/20	1.50	16	20.0	12.0	2.2	0.15	0.3	6.5	3.6	15.0	red	500	9037300000
H1.5/26	1.50	16	26.0	18.0	2.2	0.15	0.3	6.5	3.6	21.0	red	100	9037310000
H2.5/19D	2.50	14	19.0	10.0	2.8	0.15	0.4	8.0	4.5	13.0	blue	500	9037500000
H2.5/21D	2.50	14	21.0	12.0	2.8	0.15	0.4	8.0	4.5	15.0	blue	100	9037510000
H2.5/27D	2.50	14	27.0	18.0	2.8	0.15	0.4	8.0	4.5	21.0	blue	100	9037520000
H4.0/22D	4.00	12	22.0	12.0	3.5	0.2	0.5	9.0	5.2	15.0	grey	100	9037530000
H4.0/28D	4.00	12	28.0	18.0	3.5	0.2	0.5	9.0	5.2	21.0	grey	100	9037540000
H6.0/23	6.00	10	23.0	12.0	4.5	0.2	0.5	11.4	6.2	20.0	black	100	9037320000
H6.0/29	6.00	10	29.0	18.0	4.5	0.2	0.5	11.4	6.2	24.0	black	100	9037330000
H10.0/24S	10.00	7	24.0	12.0	6.5	0.2	0.5	13.4	7.6	17.0	ivory	100	9018860000
H10.0/24	10.00	7	24.0	12.0	5.8	0.2	0.5	13.4	7.6	17.0	ivory	100	9037340000
H10.0/30	10.00	7	30.0	18.0	5.8	0.2	0.5	13.4	7.6	23.0	ivory	100	9037350000
H10.0/30S	10.00	7	30.0	18.0	6.5	0.2	0.5	13.4	7.6	23.0	ivory	100	9018870000
H16.0/29	16.00	6	29.0	16.0	8.3	0.3	0.6	17.2	9.5	20.0	green	50	9037360000
H16.0/38	16.00	6	38.0	25.0	8.3	0.3	0.6	17.2	9.5	29.0	green	50	9037370000

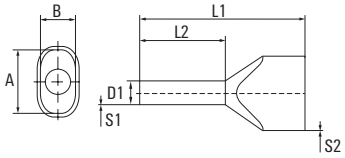
Weidmüller colour code

in multipack bag

Ordering data

Type	ø mm²	AWG	L1	L2	D1	S1	S2	A	B	Stripping length	Colour	Qty.	Order No.
H0.5/14	0.50	20	14.0	8.0	1.4	0.15	0.3	5.0	3.0	11.0	orange	500	9004440000
H0.75/14	0.75	18	14.0	8.0	1.7	0.15	0.3	5.5	3.0	11.0	white	500	9018510000
H0.75/16	0.75	18	16.0	10.0	1.7	0.15	0.3	5.5	3.0	13.0	white	500	9004900000
H1.0/15	1.00	17	15.0	8.0	2.0	0.15	0.3	5.8	3.2	12.0	yellow	500	9018530000
H1.0/15S	1.00	17	16.0	8.0	2.2	0.15	0.3	5.8	3.2	12.0	yellow	500	9018650000
H1.0/19	1.00	17	19.0	12.0	2.0	0.15	0.3	5.8	3.2	16.0	yellow	500	9004910000
H1.5/16	1.50	16	16.0	8.2	2.2	0.15	0.3	6.5	3.6	11.0	red	500	9004410000
H1.5/20	1.50	16	20.0	12.0	2.2	0.15	0.3	6.5	3.6	15.0	red	500	9004920000
H2.5/19D	2.50	14	19.0	10.0	2.8	0.15	0.4	8.0	4.5	13.0	blue	250	9004430000
H2.5/21D	2.50	14	21.0	12.0	2.8	0.15	0.4	8.0	4.5	15.0	blue	250	9004740000
H4.0/22D	4.00	12	22.0	12.0	3.5	0.2	0.5	9.0	5.2	15.0	grey	100	9004730000
H6.0/23	6.00	10	23.0	12.0	4.5	0.2	0.5	11.4	6.2	20.0	black	100	9004930000
H10.0/24	10.00	7	24.0	12.0	5.8	0.2	0.5	13.4	7.6	17.0	ivory	100	9004940000

Twin-wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 2 No. 0.5 to 2 No. 16 mm²
(2 No. AWG 20 to 2 No. AWG 6)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

DIN colour code

packed loose

Ordering data

Type	ø mm²	AWG	L1	L2	D1	S1	S2	A	B	Stripping length	Colour	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.4	0.15	0.3	5.0	3.0	11.0	❍ white	500	**9037380000**
H0.5/16D	0.50	20	16.0	10.0	1.4	0.15	0.3	5.0	3.0	13.0	❍ white	500	**9037390000**
H0.5/18D	0.50	20	18.0	12.0	1.4	0.15	0.3	5.0	3.0	15.0	❍ white	500	**9037400000**
H0.75/14D	0.75	18	14.0	8.0	1.7	0.15	0.3	5.5	3.0	11.0	● grey	500	**9037410000**
H0.75/16D	0.75	18	16.0	10.0	1.7	0.15	0.3	5.5	3.0	13.0	● grey	500	**9037420000**
H0.75/19DS	0.75	18	19.0	12.0	1.4	0.15	0.3	5.5	3.0	21.0	● grey	500	**9202830000**
H0.75/24D	0.75	18	24.0	18.0	1.7	0.15	0.3	5.5	3.0	21.0	● grey	500	**9037430000**
H1.0/15D	1.00	17	15.0	8.0	2.0	0.15	0.3	5.8	3.2	12.0	● red	500	**9037440000**
H1.0/19D	1.00	17	19.0	12.0	2.0	0.15	0.3	5.8	3.2	16.0	● red	500	**9037450000**
H1.0/25D	1.00	17	25.0	18.0	2.0	0.15	0.3	5.8	3.2	22.0	● red	500	**9037460000**
H1.5/16D	1.50	16	16.0	8.0	2.2	0.15	0.3	6.5	3.6	11.0	● black	500	**9037470000**
H1.5/20D	1.50	16	20.0	12.0	2.2	0.15	0.3	6.5	3.6	15.0	● black	500	**9037480000**
H1.5/26D	1.50	16	26.0	18.0	2.2	0.15	0.3	6.5	3.6	21.0	● black	100	**9037490000**
H2.5/19D	2.50	14	19.0	10.0	2.8	0.15	0.4	8.0	4.5	13.0	● blue	500	**9037500000**
H2.5/21D	2.50	14	21.0	12.0	2.8	0.15	0.4	8.0	4.5	15.0	● blue	100	**9037510000**
H2.5/27D	2.50	14	27.0	18.0	2.8	0.15	0.4	8.0	4.5	21.0	● blue	100	**9037520000**
H4.0/22D	4.00	12	22.0	12.0	3.5	0.2	0.5	9.0	5.2	15.0	● grey	100	**9037530000**
H4.0/28D	4.00	12	28.0	18.0	3.5	0.2	0.5	9.0	5.2	21.0	● grey	100	**9037540000**
H6.0/23D	6.00	10	23.0	12.0	4.5	0.2	0.5	11.4	6.2	20.0	● yellow	100	**9037550000**
H6.0/29D	6.00	10	29.0	18.0	4.5	0.2	0.5	11.4	6.2	24.0	● yellow	100	**9037560000**
H10.0/24DS	10.00	7	24.0	12.0	6.5	0.2	0.5	13.4	7.6	17.0	● red	100	**9018880000**
H10.0/24D	10.00	7	24.0	12.0	5.8	0.2	0.5	13.4	7.6	17.0	● red	100	**9037570000**
H10.0/30D	10.00	7	30.0	18.0	5.8	0.2	0.5	13.4	7.6	23.0	● red	100	**9037580000**
H10.0/30DS	10.00	7	30.0	18.0	6.5	0.2	0.5	13.4	7.6	23.0	● red	100	**9018890000**
H16.0/29D	16.00	6	29.0	16.0	8.3	0.3	0.6	17.2	9.5	20.0	● blue	50	**9037590000**
H16.0/38D	16.00	6	38.0	25.0	8.3	0.3	0.6	17.2	9.5	29.0	● blue	50	**9037600000**

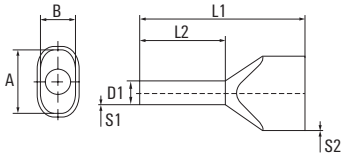
DIN colour code

in multipack bag

Ordering data

Type	ø mm²	AWG	L1	L2	D1	S1	S2	A	B	Stripping length	Colour	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.4	0.15	0.3	5.0	3.0	11.0	❍ white	500	**9004780000**
H0.75/14D	0.75	18	14.0	8.0	1.7	0.15	0.3	5.5	3.0	11.0	● grey	500	**9018520000**
H0.75/16D	0.75	18	16.0	10.0	1.7	0.15	0.3	5.5	3.0	13.0	● grey	500	**9004770000**
H1.0/15D	1.00	17	16.0	8.0	2.0	0.15	0.3	5.8	3.2	12.0	● red	500	**9018540000**
H1.0/19D	1.00	17	19.0	12.0	2.0	0.15	0.3	5.8	3.2	16.0	● red	500	**9004760000**
H1.5/16D	1.50	16	16.0	8.0	2.2	0.15	0.3	6.5	3.6	11.0	● black	500	**9004420000**
H1.5/20D	1.50	16	20.0	12.0	2.2	0.15	0.3	6.5	3.6	15.0	● black	500	**9004750000**
H2.5/19D	2.50	14	19.0	10.0	2.8	0.15	0.4	8.0	4.5	13.0	● blue	250	**9004430000**
H2.5/21D	2.50	14	21.0	12.0	2.8	0.15	0.4	8.0	4.5	15.0	● blue	250	**9004740000**
H4.0/22D	4.00	12	22.0	12.0	3.5	0.2	0.5	9.0	5.2	15.0	● grey	100	**9004730000**
H6.0/23D	6.00	10	23.0	12.0	4.5	0.2	0.5	11.4	6.2	20.0	● yellow	100	**9004720000**
H10.0/26D	10.00	7	24.0	12.0	5.8	0.2	0.5	13.4	7.6	17.0	● red	100	**9004710000**

Twin-wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry madefrom a non-flammable material on request

For conductors from 2 No. 0.5 to 2 No. 16 mm²
(2 No. AWG 20 to 2 No. AWG 6)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

other colour code

packed loose

Ordering data

Type	ø mm²	AWG	L1	L2	D1	S1	S2	A	B	Stripping length	Colour	Qty.	Order No.
H0.5/14	0.50	20	14.0	8.0	1.4	0.15	0.3	5.0	3.0	11.0	orange	500	**9037200000**
H0.5/16	0.50	20	16.0	10.0	1.4	0.15	0.3	5.0	3.0	13.0	orange	500	**9037210000**
H0.5/18	0.50	20	18.0	12.0	1.4	0.15	0.3	5.0	3.0	15.0	orange	500	**9037220000**
H0.75/14T	0.75	18	14.0	8.0	1.7	0.15	0.3	5.5	3.0	11.0	light blue	500	**9037610000**
H0.75/16T	0.75	18	16.0	10.0	1.7	0.15	0.3	5.5	3.0	13.0	light blue	500	**9037620000**
H0.75/19TS	0.75	18	19.0	12.0	1.4	0.15	0.3	5.5	3.0	21.0	light blue	500	**9202840000**
H0.75/24T	0.75	18	24.0	18.0	1.7	0.15	0.3	5.5	3.0	21.0	light blue	500	**9037630000**
H1.0/15D	1.00	17	15.0	8.0	2.0	0.15	0.3	5.8	3.2	12.0	red	500	**9037440000**
H1.0/19D	1.00	17	19.0	12.0	2.0	0.15	0.3	5.8	3.2	16.0	red	500	**9037450000**
H1.0/25D	1.00	17	25.0	18.0	2.0	0.15	0.3	5.8	3.2	22.0	red	500	**9037460000**
H1.5/16D	1.50	16	16.0	8.0	2.2	0.15	0.3	6.5	3.6	11.0	black	500	**9037470000**
H1.5/20D	1.50	16	20.0	12.0	2.2	0.15	0.3	6.5	3.6	15.0	black	500	**9037480000**
H1.5/26D	1.50	16	26.0	18.0	2.2	0.15	0.3	6.5	3.6	21.0	black	100	**9037490000**
H2.5/19T	2.50	14	19.0	10.0	2.8	0.15	0.4	8.0	4.5	13.0	grey	500	**9037640000**
H2.5/21T	2.50	14	21.0	12.0	2.8	0.15	0.4	8.0	4.5	15.0	grey	100	**9037650000**
H2.5/27T	2.50	14	27.0	18.0	2.8	0.15	0.4	8.0	4.5	21.0	grey	100	**9037660000**
H4.0/22T	4.00	12	22.0	12.0	3.5	0.2	0.5	9.0	5.2	15.0	orange	100	**9037670000**
H4.0/28T	4.00	12	28.0	18.0	3.5	0.2	0.5	9.0	5.2	21.0	orange	100	**9037680000**
H6.0/23T	6.00	10	23.0	12.0	4.5	0.2	0.5	11.4	6.2	20.0	green	100	**9037690000**
H6.0/29T	6.00	10	29.0	18.0	4.5	0.2	0.5	11.4	6.2	24.0	green	100	**9037700000**
H10.0/24T	10.00	7	24.0	12.0	5.8	0.2	0.5	13.4	7.6	17.0	brown	100	**9037710000**
H10.0/30T	10.00	7	30.0	18.0	5.8	0.2	0.5	13.4	7.6	23.0	brown	100	**9037720000**
H16.0/29T	16.00	6	29.0	16.0	8.3	0.3	0.6	17.2	9.5	20.0	white	50	**9037730000**
H16.0/38T	16.00	6	38.0	25.0	8.3	0.3	0.6	17.2	9.5	29.0	white	50	**9037740000**

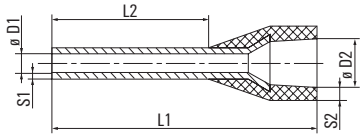
other colour code

in multipack bag

Ordering data

Type	ø mm²	AWG	L1	L2	D1	S1	S2	A	B	Stripping length	Colour	Qty.	Order No.
H0.75/16T	0.75	18	16.0	10.0	1.7	0.15	0.3	5.5	3.0	13.0	light blue	500	**9005140000**
H1.0/15D	1.00	17	16.0	8.0	2.0	0.15	0.3	5.8	3.2	12.0	red	500	**9018540000**
H1.0/19D	1.00	17	19.0	12.0	2.0	0.15	0.3	5.8	3.2	16.0	red	500	**9004760000**
H1.5/16D	1.50	16	16.0	8.0	2.2	0.15	0.3	6.5	3.6	11.0	black	500	**9004420000**
H1.5/20D	1.50	16	20.0	12.0	2.2	0.15	0.3	6.5	3.6	15.0	black	500	**9004750000**
H2.5/19T	2.50	14	19.0	10.0	2.8	0.15	0.4	8.0	4.5	13.0	grey	250	**9018580000**
H2.5/21	2.50	14	21.0	12.0	2.8	0.15	0.4	8.0	4.5	15.0	grey	250	**9005150000**
H4.0/22T	4.00	12	22.0	12.0	3.5	0.2	0.5	9.0	5.2	15.0	orange	100	**9018590000**
H6.0/23T	6.00	10	23.0	12.0	4.5	0.2	0.5	11.4	6.2	20.0	green	100	**9005160000**
H10.0/26T	10.00	7	24.0	12.0	5.8	0.2	0.5	13.4	7.6	17.0	brown	100	**9005170000**

Wire end ferrules for short-circuit and earth-fault-proof cables



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 1.5 to 16 mm² (AWG 16-6)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

Weidmüller colour code

packed loose

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H1.5/17.5 XS	1.50	16	17.5	8.0	1.8	6.8	0.15	0.3	20.0	● black	100	**9202870000**
H2.5/17.5 XS	2.50	14	17.5	8.0	2.3	7.6	0.15	0.3	20.0	● blue	100	**9202880000**

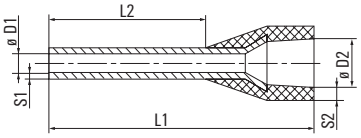
Weidmüller colour code

in multipack bag

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H1.5/17.5X	1.50	16	17.5	8.0	1.8	6.8	0.15	0.3	13.0	● black	100	**9006590000**
H1.5/19.5X	1.50	16	19.5	10.0	1.8	6.8	0.15	0.3	15.0	● black	100	**9006630000**
H2.5/17.5X	2.50	14	17.5	8.0	2.3	7.6	0.15	0.3	14.0	● blue	100	**9006670000**
H2.5/21.5X	2.50	14	21.5	12.0	2.3	7.6	0.15	0.3	17.0	● blue	100	**9006710000**
H4.0/19.5X	4.00	12	19.5	10.0	2.9	7.8	0.2	0.3	14.0	● grey	100	**9006750000**
H6.0/23.0X	6.00	10	23.0	12.0	3.6	8.1	0.2	0.3	17.0	● yellow	100	**9006790000**
H10.0/24.0X	10.00	7	24.0	12.0	4.6	9.6	0.2	0.3	17.0	● red	100	**9006830000**
H16.0/25.5X	16.00	6	25.5	12.0	6.0	11.9	0.2	0.3	26.0	● blue	100	**9006870000**

Wire end ferrules with plastic collar, special sizes



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 0.5 to 2.5 mm² (AWG 20-14)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

Weidmüller colour code

packed loose

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.34/11S	0.34	22	11.0	6.0	0.8	2.6	0.15	0.40	6.0	turquoise	500	**9204090000**
H0.5/14S	0.50	20	14.0	8.0	1.0	2.9	0.15	0.25	10.0	orange	500	**9004560000**
H0.5/14DS	0.50	20	14.0	8.0	1.0	2.9	0.15	0.25	10.0	white	500	**9004590000**
H0.5/16DS	0.50	20	16.0	10.0	1.0	2.9	0.15	0.25	12.0	white	500	**9202910000**
H0.5/16S	0.50	20	16.0	10.0	1.0	2.9	0.15	0.25	12.0	orange	500	**9202900000**
H0.75/14S	0.75	18	14.0	8.0	1.2	3.4	0.15	0.25	10.0	white	500	**9025960000**
H0.75/14DS	0.75	18	14.0	8.0	1.2	3.4	0.15	0.25	10.0	white	500	**9028580000**
H0.75/14TS	0.75	18	14.0	8.0	1.2	3.4	0.15	0.25	10.0	light blue	500	**9018550000**
H0.75/15S	0.75	18	15.0	9.0	1.2	2.8	0.15	0.25	10.0	white	500	**9204240000**
H1.0/14S	1.00	17	14.0	8.0	1.4	3.5	0.15	0.25	10.0	yellow	500	**9025970000**
H1.0/14DS	1.00	17	14.0	8.0	1.4	3.5	0.15	0.25	10.0	red	500	**9018560000**
H1.5/12S	1.50	16	12.0	6.0	1.7	3.5	0.15	0.25	8.0	red	500	**9025690000**
H1.5/14S	1.50	16	14.0	8.0	1.7	3.9	0.15	0.25	10.0	red	500	**9025980000**
H1.5/14DS	1.50	16	14.0	8.0	1.7	3.9	0.15	0.25	10.0	black	500	**9025240000**
H2.5/12DS	2.50	14	12.0	6.0	2.2	4.2	0.15	0.25	8.0	blue	500	**9028490000**
H2.5/12TS	2.50	14	12.0	6.0	2.2	4.2	0.15	0.25	8.0	grey	500	**9036200000**
H2.5/14S	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	10.0	blue	500	**1333100000**
H2.5/14TS	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	10.0	grey	500	**9426770000**
H2.5/16DS	2.50	14	16.0	10.0	2.2	4.2	0.15	0.25	13.0	blue	500	**9036220000**
H4.0/20D	4.00	12	20.0	12.0	2.8	4.7	0.20	0.50	15.0	grey	500	**9203630000**
H10.0/22	10.00	7	22.0	12.0	4.5	7.1	0.20	0.60	15.0	ivory	100	**9203620000**

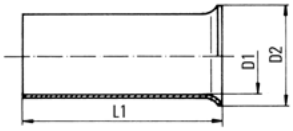
Weidmüller colour code

in multipack bag

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.75/14S	0.75	18	14.0	8.0	1.2	3.4	0.15	0.25	10.0	white	500	**9025700000**
H1.0/14S	1.00	17	14.0	8.0	1.4	3.5	0.15	0.25	10.0	yellow	500	**9025710000**
H1.5/14DS	1.50	16	14.0	8.0	1.7	3.9	0.15	0.25	10.0	black	500	**9028360000**
H1.5/14S	1.50	16	14.0	8.0	1.7	3.9	0.15	0.25	10.0	red	500	**9025720000**

Wire end ferrules without plastic collar



For conductors 0.25-185 mm² (AWG 24-350MCM)
Material: tin-plated copper
Dimensional tolerances to DIN 46228 part 1

without plastic collar

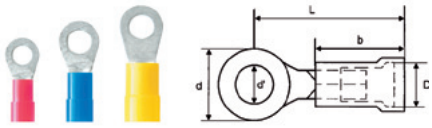
packed loose

Ordering data

Type	ø mm²	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.25/5	0.25	24	5.0		0.8	1.6			5.0		1000	**9018910000**
H0.5/10	0.50	20	10.0		1.0	2.1			10.0		1000	**9004050000**
H0.5/6	0.50	20	6.0		1.0	2.1			6.0		1000	**0282600000**
H0.75/10	0.75	18	10.0		1.2	2.3			10.0		1000	**0542500000**
H0.75/6	0.75	18	6.0		1.2	2.3			6.0		1000	**0282700000**
H1.0/10	1.00	17	10.0		1.4	2.5			10.0		1000	**0282800000**
H1.0/6	1.00	17	6.0		1.4	2.5			6.0		1000	**0372600000**
H1.5/7	1.50	16	7.0		1.7	2.8			7.0		1000	**0372700000**
H1.5/10	1.50	16	10.0		1.7	2.8			10.0		1000	**0186500000**
H1.5/12	1.50	16	12.0		1.7	2.8			12.0		1000	**9004060000**
H1.5/18	1.50	16	18.0		1.7	2.8			18.0		1000	**9004070000**
H2.5/7	2.50	14	7.0		2.2	3.4			7.0		1000	**0373000000**
H2.5/10	2.50	14	10.0		2.2	3.4			10.0		1000	**9004080000**
H2.5/12	2.50	14	12.0		2.2	3.4			12.0		1000	**0186100000**
H2.5/18	2.50	14	18.0		2.2	3.4			18.0		1000	**9004090000**
H4.0/9	4.00	12	9.0		2.8	4.0			9.0		500	**0373100000**
H4.0/15	4.00	12	15.0		2.8	4.0			15.0		500	**9004100000**
H4.0/12	4.00	12	12.0		2.8	4.0			12.0		1000	**0244100000**
H4.0/18	4.00	12	18.0		2.8	4.0			18.0		500	**9004110000**
H6.0/10	6.00	10	10.0		3.5	4.7			10.0		500	**9004120000**
H6.0/12	6.00	10	12.0		3.5	4.7			12.0		500	**0191900000**
H6.0/15	6.00	10	15.0		3.5	4.7			15.0		500	**0124700000**
H6.0/18	6.00	10	18.0		3.5	4.7			18.0		500	**9004130000**
H10.0/12	10.00	7	12.0		4.5	5.8			12.0		500	**0282900000**
H10.0/15	10.00	7	15.0		4.5	5.8			15.0		500	**0124800000**
H10.0/18	10.00	7	18.0		4.5	5.8			18.0		500	**0379300000**
H16.0/12	16.00	6	12.0		5.8	7.5			12.0		500	**0492500000**
H16.0/15	16.00	6	15.0		5.8	7.5			15.0		500	**0124300000**
H16.0/18	16.00	6	18.0		5.8	7.5			18.0		100	**0375200000**
H16.0/25	16.00	6	25.0		5.8	7.5			25.0		100	**9004150000**
H16.0/32	16.00	6	32.0		5.8	7.5			32.0		100	**9004160000**
H25.0/15	25.00	3	15.0		7.3	9.5			15.0		250	**0124400000**
H25.0/18	25.00	3	18.0		7.3	9.5			18.0		100	**0375300000**
H25.0/25	25.00	3	25.0		7.3	9.5			25.0		250	**9004170000**
H25.0/32	25.00	3	32.0		7.3	9.5			32.0		100	**9004180000**
H35.0/18	35.00	2	18.0		8.3	11.0			18.0		100	**0368900000**
H35.0/25	35.00	2	25.0		8.3	11.0			25.0		100	**9004190000**
H35.0/30	35.00	2	30.0		8.3	11.0			30.0		100	**9451000000**
H35.0/32	35.00	2	32.0		8.3	11.0			32.0		100	**9004200000**
H50.0/18	50.00	1	18.0		10.3	13.0			18.0		100	**9004210000**
H50.0/22	50.00	1	22.0		10.3	13.0			25.0		100	**9025880000**
H50.0/32	50.00	1	32.0		10.3	13.0			32.0		100	**9004220000**
H70.0/25	70.00	2/0	25.0		12.5	15.0			25.0		50	**9004230000**
H70.0/32	70.00	2/0	32.0		12.5	15.0			32.0		50	**9004240000**
H95.0/25	95.00	3/0	25.0		14.5	17.0			25.0		50	**9004250000**
H95.0/32	95.00	3/0	32.0		14.5	17.0			32.0		50	**9004260000**
H120.0/32	120.00	4/0	32.0		17.2	19.0			32.0		25	**9036240000**
H150.0/32	150.00	300 MCM	32.0		19.5	21.0			32.0		25	**9036250000**
H185.0/32	185.00	350 MCM	32.0		21.2	23.5			32.0		25	**9036260000**

PVC, with conical cable entry

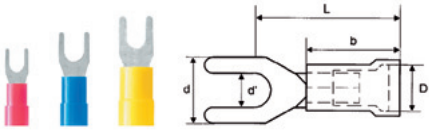
Ring cable connector



Ordering data

Type	Cross-section mm²	Colour	Dimensions	d¹	d	D	L	b	S1*	Qty.	Order No.
LIR 1.5M3 V	0.5 - 1.5	●	M 3	3.2	5.5	4.0	16.05	11.3	0.75	100	9200070000
LIR 1.5M3.5 V	0.5 - 1.5	●	M 3.5	3.7	5.5	4.0	16.05	11.3	0.75	100	9200080000
LIR 1.5M4 V	0.5 - 1.5	●	M 4	4.3	8.0	4.0	18.3	11.3	0.75	100	9200090000
LIR 1.5M5 V	0.5 - 1.5	●	M 5	5.3	8.0	4.0	18.3	11.3	0.75	100	9200100000
LIR 1.5M6 V	0.5 - 1.5	●	M 6	6.4	11.6	4.0	21.0	11.3	0.75	100	9200110000
LIR 1.5M8 V	0.5 - 1.5	●	M 8	8.4	11.6	4.0	21.0	11.3	0.75	100	9200120000
LIR 2.5M3 V	1.5 - 2.5	●	M 3	3.2	6.4	4.5	15.6	11.3	0.8	100	9200150000
LIR 2.5M3.5 V	1.5 - 2.5	●	M 3.5	3.7	6.4	4.5	15.6	11.3	0.8	100	9200160000
LIR 2.5M4 V	1.5 - 2.5	●	M 4	4.4	8.5	4.5	19.05	11.3	0.8	100	9200170000
LIR 2.5M5 V	1.5 - 2.5	●	M 5	5.3	8.5	4.5	19.05	11.3	0.8	100	9200180000
LIR 2.5M6 V	1.5 - 2.5	●	M 6	6.4	12.0	4.5	22.3	11.3	0.8	100	9200190000
LIR 2.5M8 V	1.5 - 2.5	●	M 8	8.4	12.0	4.5	22.3	11.3	0.8	100	9200200000
LIR 2.5M10 V	1.5 - 2.5	●	M 10	10.5	14.0	4.5	22.3	11.3	0.8	100	9200210000
LIR 6.0M4 V	4 - 6	●	M 4	4.3	9.5	6.4	22.4	14.15	1	100	9200230000
LIR 6M5 V	4 - 6	●	M 5	5.3	9.5	6.4	22.4	14.15	1	100	9200240000
LIR 6M6 V	4 - 6	●	M 6	6.4	12.0	6.4	24.65	14.15	1	100	9200250000
LIR 6M8 V	4 - 6	●	M 8	8.4	15.0	6.4	27.65	14.15	1	100	9200260000
LIR 6.0M10 V	4 - 6	●	M 10	10.5	15.0	6.4	27.65	14.15	1	100	9200270000

Fork-type cable connector

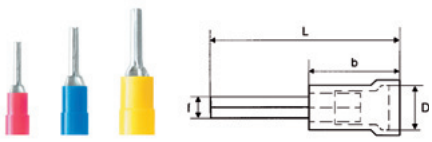


Ordering data

Type	Cross-section mm²	Colour	Dimensions	d¹	d	D	L	b	S1*	Qty.	Order No.
LIS 1.5M3 V	0.5 - 1.5	●	M 3	3.2	5.7	4.0	17.8	11.3	0.75	100	9200290000
LIS 1.5M3.5 V	0.5 - 1.5	●	M 3.5	3.7	6.4	4.0	17.8	11.3	0.75	100	9200300000
LIS 1.5M4 V	0.5 - 1.5	●	M 4	4.3	7.2	4.0	17.8	11.3	0.75	100	9200310000
LIS 1.5M5 V	0.5 - 1.5	●	M 5	5.3	8.1	4.0	17.8	11.3	0.75	100	9200320000
LIS 1.5M6 V	0.5 - 1.5	●	M 6	6.4	11.0	4.0	21.3	11.3	0.75	100	9200330000
LIS 2.5M3 V	1.5 - 2.5	●	M 3	3.2	5.7	4.5	17.8	11.3	0.8	100	9200350000
LIS 2.5M3.5 V	1.5 - 2.5	●	M 3.5	3.7	6.4	4.5	17.8	11.3	0.8	100	9200360000
LIS 2.5M4 V	1.5 - 2.5	●	M 4	4.3	7.2	4.5	17.8	11.3	0.8	100	9200370000
LIS 2.5M5 V	1.5 - 2.5	●	M 5	5.3	8.1	4.5	17.8	11.3	0.8	100	9200380000
LIS 2.5M6 V	1.5 - 2.5	●	M 6	6.4	11.0	4.5	21.3	11.3	0.8	100	9200390000
LIS 6.0M4 V	4 - 6	●	M 4	4.3	9.0	6.4	21.35	14.15	1	100	9200410000
LIS 6.0M5 V	4 - 6	●	M 5	5.3	9.0	6.4	21.35	14.15	1	100	9200420000
LIS 6.0M6 V	4 - 6	●	M 6	6.4	12.0	6.4	25.15	14.15	1	100	9200430000
LIS 6.0M8 V	4 - 6	●	M 8	8.4	14	6.5	34	13.15	1	100	9200440000
LIS 6.0M10 V	4 - 6	●	M 10	10.5	18	6.5	34.7	13.15	1	100	9200450000

S1* = Connection density

Pin-type cable connector

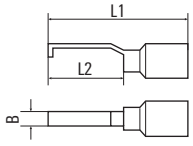


Ordering data

Type	Cross-section mm²	Colour	Dimensions	D	L	b	f		Qty.	Order No.
LIP 1.5R12 V	0.5 - 1.5	●	12.0	4	23.3	11.3	1.9		100	9200460000
LIP 2.5R12 V	1.5 - 2.5	●	12.0	4.5	23.3	11.3	1.9		100	9200470000
LIP 6.0R14 V	4 - 6	●	14.0	6.4	28.15	14.5	2.7		100	9200480000

Hook-type cable connector

to ESI 50-18 part 2

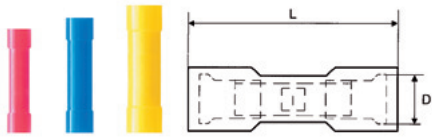


Ordering data

Type	Cross-section mm²	Colour	L1	L2	B	Qty.	Order No.
HB 1-17	0.25 - 1.5	●	27.2	16.75	4.6	100	9036290000
HB 1-13	1.0 - 2.5	●	27.2	16.75	3.0	100	9036300000

PVC, with conical cable entry

Butt connector

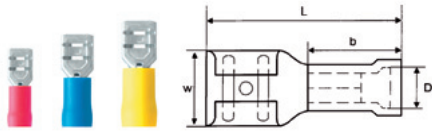


Ordering data

Type	Cross-section mm²	Colour	Dimensions	D	L			Qty.	Order No.
LIB 1.5B25 VF	0.5 - 1.5	●	24.5	3.8	26			100	9200490000
LIB 2.5B25 VF	1.5 - 2.5	●	24.5	4.3	26			100	9200500000
LIB 6.0B26 VF	4 - 6	●	26.0	6	26			100	9200510000

Flat blade receptacles

with copper sleeve

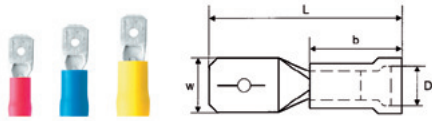


Ordering data

Type	Cross-section mm²	Colour	Dimensions	d2*	d3*	D	L	b	w	Qty.	Order No.
LIF 1.5F288 R	0.5 - 1.5	●	2.8 x 0.8 mm	2.8	0.8	4.0	18.7	10.0	3.8	100	9200520000
LIF 1.5F488 R	0.5 - 1.5	●	4.8 x 0.8 mm	4.8	0.8	4.0	19.2	10.0	5.7	100	9200530000
LIF 1.5F638 R	0.5 - 1.5	●	6.3 x 0.8 mm	6.3	0.8	4.0	20.8	10.0	7.4	100	9200540000
LIF 2.5F488 R	1.5 - 2.5	●	4.8 x 0.8 mm	4.8	0.8	5.0	19.2	10.0	5.7	100	9200550000
LIF 2.5F638 R	1.5 - 2.5	●	6.3 x 0.8 mm	6.3	0.8	5.0	20.8	10.0	7.4	100	9200560000
LIF 6.0F638 R	4 - 6	●	6.3 x 0.8 mm	4.8	0.8	6.8	23.8	13.0	7.4	100	9200570000

Flat blade connector

with copper sleeve

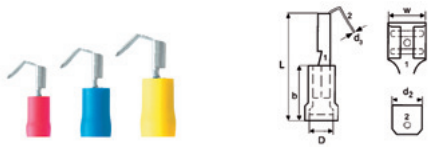


Ordering data

Type	Cross-section mm²	Colour	Dimensions	d2*	d3*	D	L	b	w	Qty.	Order No.
LIF 1.5M638 R	0.5 - 1.5	●	6.3 x 0.8 mm	6.3	0.8	4.0	20.8	10.0	6.3	100	9200580000
LIF 2.5M638 R	1.5 - 2.5	●	6.3 x 0.8 mm	6.3	0.8	5.0	20.8	10.0	6.3	100	9200590000
LIF 6.0M638 R	4 - 6	●	6.3 x 0.8 mm	6.3	0.8	6.8	23.8	13.0	6.3	100	9200600000

Flat blade receptacles. piggy-back

with copper sleeve

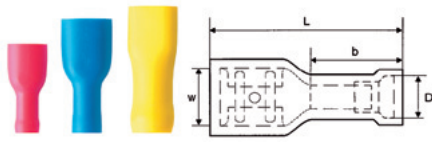


Ordering data

Type	Cross-section mm²	Colour	Dimensions	d2*	d3*	D	L	b	w	Qty.	Order No.
LIF 1.5T638 R	0.5 - 1.5	●	6.3 x 0.8 mm	6.3	0.8	4.0	20.8	10.0	7.4	100	9200610000
LIF 2.5T638 R	1.5 - 2.5	●	6.3 x 0.8 mm	6.3	0.8	5.8	20.8	10.0	7.4	100	9200620000
LIF 6.0T638 R	4 - 6	●	6.3 x 0.8 mm	6.3	0.8	6.8	23.8	13.0	7.4	100	9200630000

Flat blade receptacles. full insulation

with copper sleeve



Ordering data

Type	Cross-section mm²	Colour	Dimensions	d2*	d3*	D	L	b	w	Qty.	Order No.
LIF 1.5F638 RF	0.5 - 1.5	●	6.3 x 0.8 mm	6.3	0.8	4.0	22.0	10.5	7.4	100	9200640000
LIF 2.5F638 RF	1.5 - 2.5	●	6.3 x 0.8 mm	6.3	0.8	5.0	22.0	10.5	7.4	100	9200650000
LIF 6.0F638 RF	4 - 6	●	6.3 x 0.8 mm	6.3	0.8	6.8	24.5	13.0	5.7	100	9200660000

d2* = Plug-in width
d3* = Plug-in density

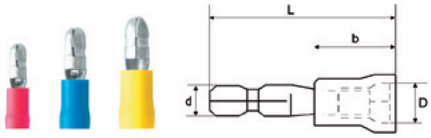
PVC, with conical cable entry

Conical entry

Without conical entry

Round plug

with copper sleeve

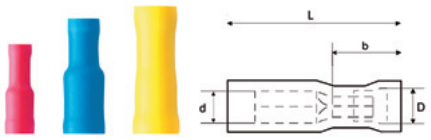


Ordering data

Type	Cross-section mm²	Colour	Dimensions	d	D	L	b	Qty.	Order No.
LID 1.5M4 R	0.5 - 1.5	●	Ø 4 mm	4.0	4.0	20.8	10.0	100	**9200670000**
LID 2.5M5 R	1.5 - 2.5	●	Ø 5 mm	5.0	5.0	20.8	10.0	100	**9200680000**
LID 6.0M5 R	4 - 6	●	Ø 5 mm	5.0	5.8	23.8	13.0	100	**9200690000**

Sockets for round plugs

with copper sleeve



Ordering data

Type	Cross-section mm²	Colour	Dimensions	d	D	L	b	Qty.	Order No.
LID 1.5F4 RF	0.5 - 1.5	●	Ø 4 mm	4.0	4.0	23.0	10.5	100	**9200700000**
LID 2.5F5 RF	1.5 - 2.5	●	Ø 5 mm	5.0	5.0	23.0	11.5	100	**9200710000**
LID 6.0F5 RF	4 - 6	●	Ø 5 mm	5.0	5.0	24.0	13.8	100	**9200720000**

Weidmüller Solutions & Service

Weidmüller Solutions & Service	Customer specific solutions: best advice, best solutions	V.2
	Digital support: RailDesigner®, Product Assistant for Distribution Boxes, Online product catalogue, M-Print® PRO label designer	V.8

Application specific solutions – Your requirements are our motivation

Each industry has its own requirements calling for more and more individual solutions aside from standard products. Your new product might have to contend with severe conditions. Many applications are subjected to high mechanical strains – through vibration or directly applied forces. Extreme temperature conditions or an application in hazardous areas are further factors your product must be able to comply with. We can offer you highly competent expertise to support you in the selection of ideal products, whatever your application. Feel free to contact us!

From custom product development, customer-specific assembly or application-specific products that are ready for use - we can help you to optimise your working processes and ensure your company's sustained efficiency, today, as well as for the future.

Individual product development
Working closely with you, we can develop individual and future-proof products using the latest technologies and which are specifically tailored to your application.

Customer-specific assembly
Our highly-skilled production expertise and broad product portfolio means that we can deliver superior solutions to meet and exceed your specification requirements.

Application-specific products
Our cross-industrial solutions set standards: Set up for your application, instantly ready for use and available from stock.

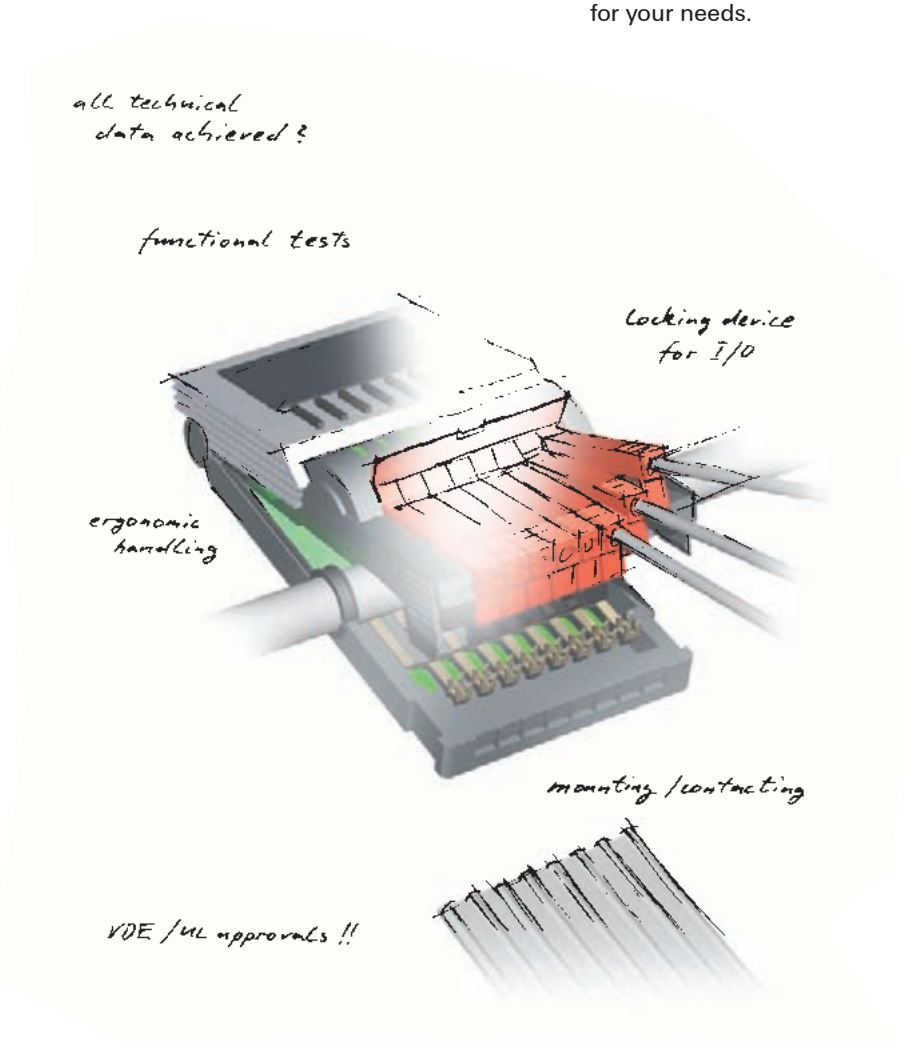
Individual product development for your success

We have a passion for simple, innovative solutions
Working with you, we can develop innovative and future-oriented products tailored to your application. Our philosophy is „one customer - one product". It is not the product that is the starting point, but you, your technical specifications and your requirements.

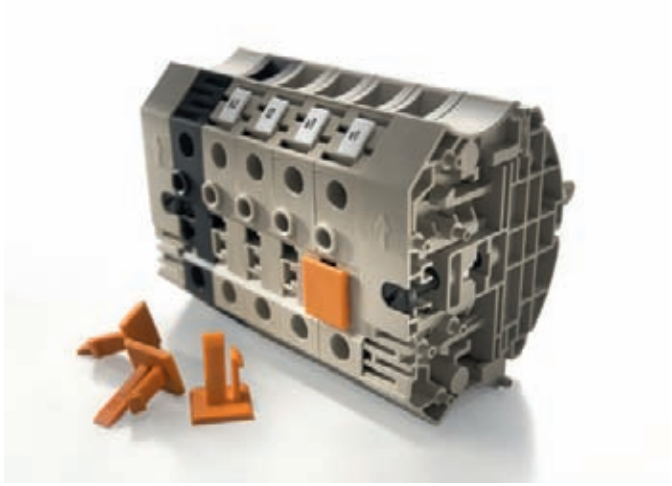
A connecting partnership
The development of individual products means making the most of the experience and competencies available in the partnership. Our project management provides a professional and quality approach - from concept and design through to development, implementation and production. Our extensive knowledge of electrical connectivity, enclosure and sealing technology, as well as signal conditioning are all at your disposal.

Benefit from a reliable partner:

- **Increase the efficiency of your development and production processes**
  Outsourcing the development and production of your components will shorten your time-to-market. In addition, you have more time to concentrate on your core competencies.
- **Take advantage of our applications and production expeience and expertise**
  You can draw on the accumulated knowledge of our applications engineers and our specialists in the fields of connection technology, enclosure and surface technology, as well as metal and plastic processing, which is second to none.
- **Feel safe with the professional approach of our project management**
  Through innovation workshops, feasability studies and profitability analyses we define a requirement profile forming the basis for the further development process. In this way, you can be sure of the best possible products for your needs.



Application specific products – solutions for industries and markets



Industries and applications often have similar or even identical requirements for products or product assemblies. Application specific products that are based on earlier realised solutions are now directly available from stock.

Your advantage: You quickly get a suitable and cost-efficient solution.

Cross industrial solutions as standard
It is our aim to develop solutions that offer the additional advantage of a truly flexible design. Although this may mean an application-specific product may have an additional input or terminal you don't need, it can still be much cheaper than having a custom-made solution. Therefore, you not only save time, but money!

Reap multiple benefits:

- **High availability**
  Application specific products are available from stock without delay. So you can rely on the delivery of your products when you need them.
- **Advice from application engineers**
  Using the expertise of our applications engineers means that you can develop the solutions that are not only right, but which deliver added value to your applications.
- **Supportive software**
  Project planning and evaluation is made easy with our software solutions such as NetCalc, RailDesigner® or Softclinic.
- **Worldwide application centres**
  We stay in constant dialogue with our worldwide application centres, ensuring that our own application knowledge is shared, kept up to date and at your disposal anywhere you need us.

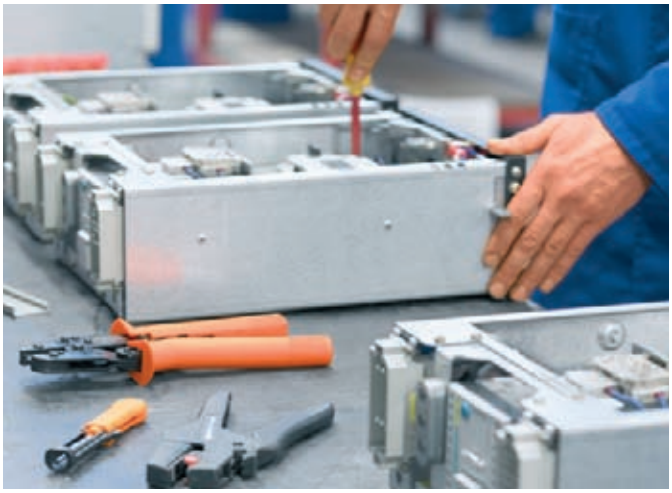
Customer specific assembly, tailored configuration

You may be looking to bring costs down and increase your efficiency. It may be that you would like more time to focus on your core competencies. You could be looking for a partner who will sent up intelligent solutions for you, that you can trust to deliver your specific requirements. Here at Weidmuller, we have a wealth of expertise, capability, and capacity to deliver custom solutions that are flexible, economically advantageous and on time.

We offer to work closely with you, providing support and advice, and in putting together the job specification. Furthermore, our broad product portfolio means that we can jointly work together on the selection of the best components to make up your custom solution.

Highest levels of professional production
You have complete access to our highly-skilled project management team and our production expertise, for example, in the ATEX area. We can offer you a comprehensive portfolio of customer-specific assemblies, from simple assembly to the modification of existing electronics products.

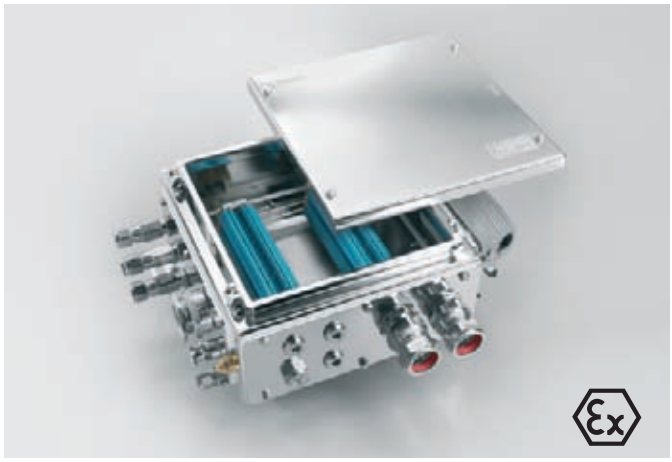
Our services include:
- Adaptation and assembly of enclosures for all IP protection classes
- ATEX solutions for hazardous areas
- Assembly of heavy duty connectors
- Assembly of terminal strips
- Customer specific electronics solutions
- Cable assembly



Take advantage of:
- **Simple ordering and stockholding information**
  One solution – one item number! It will no longer be necessary to order single components. Article variety and stockholding will be reduced.
- **Professional assembly**
  All individual components will be pre-assembled, reducing your own assembly time and costs.
- **Less costs for documentation**
  Our RailDesigner® software will facilitate the generation of parts lists or drawings.
- **Modern processing of enclosures**
  Our CNC processing centres can adapt the enclosures to suit your tailored solution.

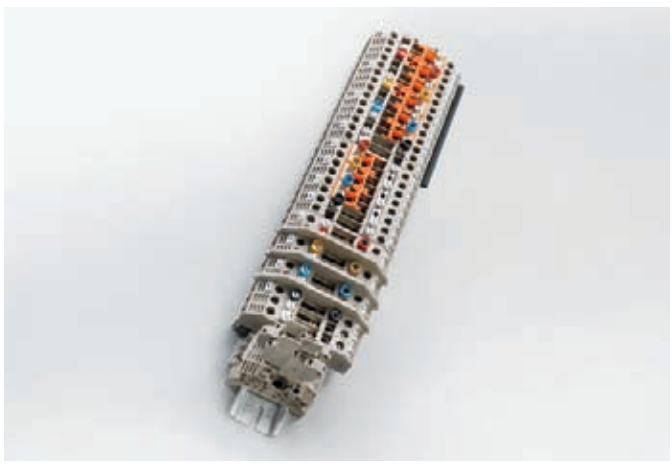
Customer specific assembly – consultation, product, development and production – all from a single source

Our application and manufacturing expertise influences decisions on all areas of modern connection technology. They therefore play an integral part of every solution.



Enclosures
Perfect protection and safety
- Enclosures for all IP protection classes
- ATEX enclosures for hazardous areas
- Placement of inspection glasses, drill holes and threads
- Elaborate machining operations like the milling of contours
- Class C5 welding, according to DIN 6700, for stainless steel and sheet steel enclosures
- Surface coating as and when required
- Individual device and system markers

Heavy duty connectors
Perfect connection with system
- Placement of drill holes and cable glands
- Equipped with plug-and-play components
- Wiring of subassemblies
- Cable assembly
- All housings are available with individual laser marking



Terminal strips
Configuration made to measure
- Machining of mounting rails
- Snapping components onto terminal rails
- Placement of cross connections
- Mounting of standard conductors
- Marking of terminals, devices, conductors and cables

Electronics

Individual solution from the beginning

- Modular terminal blocks, component plugs, snap on bases, enclosures for electronics: integration of relevant electronic components
- Snap-on base: Component carrier design or simple wiring of the modules
- Interface units
- Modification of existing electronic products: Modification of the circuitry or specific calibration
- Combination of components: Relays or optocouplers in combination with other components

Cable assembly

Our special service

- Pre cutting of cables and conductors
- Installation of
  - Heavy duty connectors
  - PCB connectors or DIN connectors
- Conditioning of wire ends
- Mounting of wire end ferrules and cable lugs
- Connection of conductors to terminal rails

RailDesigner®
A faster way to configure and order terminal strips

These days, time and cost efficiency are of the essence when it comes to working in planning and production. RailDesigner®, our free configuration and purchasing software, uses its virtual assembly of mounting rails (assembled or unassembled) to help you with the design of your own completely personal solution.

RailDesigner® brings you substantial benefits:

Less time required
It speeds up the process of acquiring quotations and placing orders because, for example, all processes can be initiated directly from the software. You configure your projects and the rest virtually takes care of itself!

User friendly operation
Any potential errors are prevented by automatic installation tips and clear project processing and management. So that you can plan your project realistically, RailDesigner® offers both 2D and 3D displays.

Wide selection from the current product portfolio
"You can easily download software updates for RailDesigner® from the internet.
This means that you will always have access to the latest version of our product database."

Project planning that is compatible with your software
Plan and design your projects easily using your usual CAE software. With the integrated interface, transferring data from your CAE system has never been so simple. You can export component lists and terminal strip designs in various formats. Marking data is automatically transferred to the M-Print® Pro labelling software.

Simple purchasing of terminal strips
Once you have completed the planning stages of your projects in RailDesigner®, you can choose to send all of your data to us by email. Then we take over the assembly and deliver the required configuration to you, along with anything else that you still require for your project.

Download the software for free and discover the advantages to using RailDesigner® at **www.raildesigner.de**

Product assistant for distribution boxes and assemblies – The perfect solution, in the shortest time

You can easily and quickly select, combine and purchase the required components, all with the help of the Weidmüller product assistant for distribution boxes and assemblies. This means that you can rapidly obtain your individual enclosure solutions which may include the following components:

Empty enclosures without holes
Empty enclosures in various sizes of the Klippon® K and Klippon® POK series (aluminium and plastic) with matching mounting rails.

Empty enclosures with pre-threaded holes
Empty enclosures in different sizes from the Klippon® K and Klippon® POK series (aluminium and plastic), that are already equipped with metric threaded holes.

Mounting rails
Exactly tailored mounting rails for the enclosure sizes on offer.

Terminal strips
Mounting rails, which also perfectly match the offered enclosure sizes and are pre-fitted with terminals, optionally with screw or tension clamp connection.

Distribution boxes with Ex-protection
Enclosures that are already assembled with a terminal strip and already equipped with metric threaded holes.

Numerous possible combinations
Enclosures with Ex-protection are supplied exclusively with terminal strips that are already fitted. The product assistant offers you various approaches for industry variants so that you can create the right enclosure variant.

You can start off with any of the listed components and then add further components to the combination. This means that, for example, you can select the required terminal strip and the product assistant will then offer the matching enclosure variants.
Or, you can start with the enclosure, and matching terminal strips or mounting rails will then be chosen. The selected products can then be directly included in the query list.

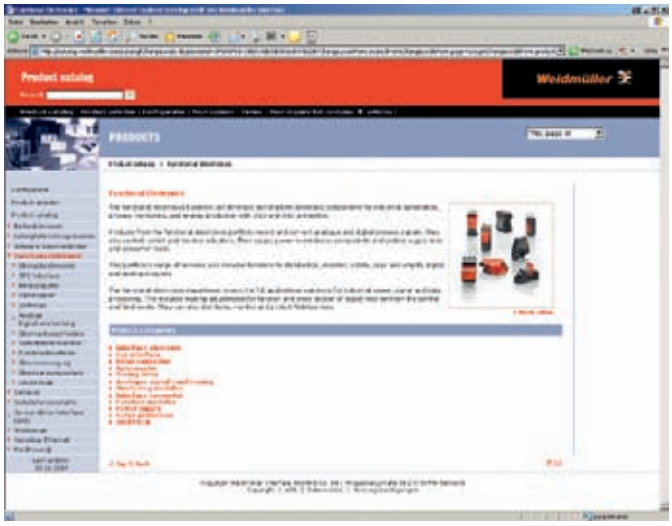
Provision of all relevant data
During the selection, you can choose filters for the terminal strips, such as length, connection technology or dimensional cross-section and, for the enclosure, you can choose material, size, holes etc. If a product is then selected and combined, the user can view all of the relevant data, including drawings and pictures. This means that you can extensively plan how the enclosure will be integrated into the customer's application.
The product assistant is available at
http://galaxy.weidmueller.com

Online product catalogue

If you have questions about the specifications and details of our products, perhaps even outside normal business hours, then our online catalogue at
http://catalog.weidmueller.com
is opened 24 hours a day, 365 days a year and is the perfect source for information. Besides product features and part numbers, it contains extensive additional information on all product groups.

For further information, offers and your personal contact, simply consult the Weidmüller website at

www.weidmueller.com

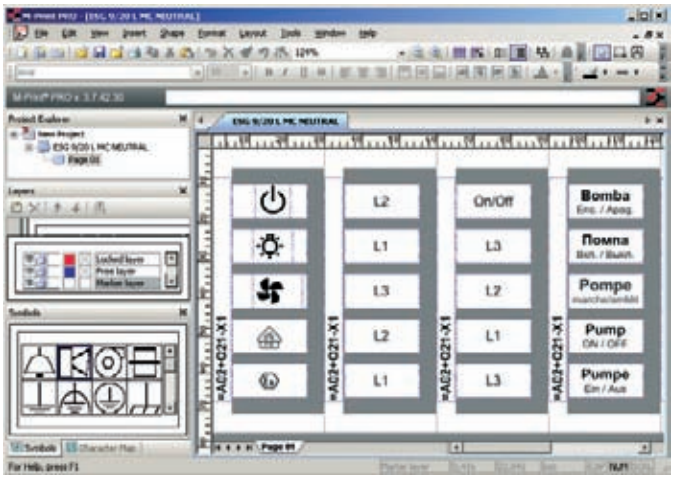


With one click selection for the product data sheet of your choice.

M-Print® PRO label designer

The comprehensive range of Weidmüller services includes the M-Print® PRO software. This is a professional standard, Windows®-based program for printing and ordering labels and markers that is coordinated with our current printing systems and marking materials.

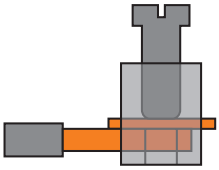
M-Print® PRO enables you to design your labelling materials professionally and quickly. Texts, borders, lines, graphics, barcodes, serial numbers and photographs are all possible. The interface to RailDesigner® or your CAE system enables the transfer of all your configured data.



Technical appendix

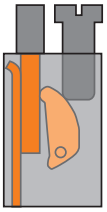
Technical appendix	Connection systems	W.2
	Definitions of the various types	W.4
	Materials – Insulating materials	W.6
	Definition of overload and short-circuit protection	W.8
	Materials – Metals	W.10
	Norms, Standards, Terms	W.12
	General technical information	W.14
	Electrical data	W.16
	Installation instructions	W.20
	ATEX terminal blocks	W.26
	ATEX directives	W.28
	ATEX	W.29

Free choice of connection technology



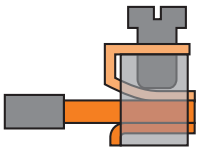
Clamping yoke connection technology

The **Weidmüller clamping yoke system** is an optimum combination of the specific properties of steel and copper. This clamping yoke system has proved its worth in billions of Weidmüller products over many decades. Both the clamping yoke and the clamping screw are made from hardened steel. This clamping yoke arrangement generates the necessary contact force. The clamping yoke presses the incoming conductor against a current bar made of copper or high-quality brass. The hardened Weidmüller clamping yoke ensures a gastight, vibration-resistant connection between conductor and current bar.



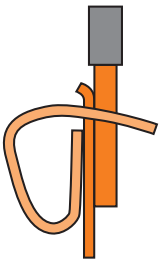
TOP connection technology

The Weidmüller **TOP connection system** ensures that the conductor can be inserted and the clamping screw tightened from the same direction. Such an arrangement eases the wiring work in certain installations, e.g. when there is little space at the sides in terminal boxes. The TOP connection system combines the specific properties of steel and copper. The hardened steel lever presses the conductor directly against a current bar made of copper or high-quality brass. The high contact force guarantees a gas-tight connection between conductor and current bar.



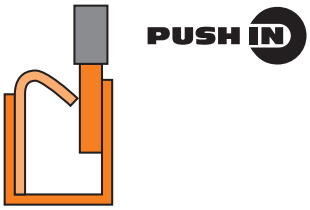
Leaf spring connection technology

Weidmüller's patented **leaf clamp connection system** is a screw connection system for large conductor cross-sections. The insertion of large conductors into the clamping point is made easier here by the fact that the clamping unit can be removed first. The conductor can then be placed directly on the current bar before re-inserting the clamping unit and tightening the screw to grip the conductor.



Tension clamp connection technology

The **Weidmüller tension clamp system** functions similarly to the tried-and-tested clamping yoke. Here again, the mechanical and electrical functions are kept separate. The spring, made from high-quality rustproof and acid-proof steel, pulls the conductor against the tin-plated copper current bar. Treating the copper in this way ensures low contact resistance and high corrosion resistance. The compensating effect of the spring ensures a secure contact for the lifetime of the terminal.



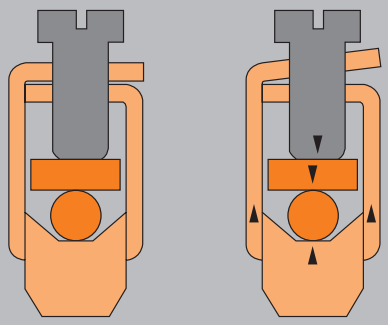
PUSH IN-connection technology

In our **PUSH IN connection technology** the stripped solid conductor is simply inserted into the clamping point as far as it will go. And that completes the connection! No tools are required and the result is a reliable, vibration-resistant and gas-tight connection. Even flexible conductors with crimped wire end ferrules or ultrasonic-welded conductors can be connected without any problems. A stainless steel spring, which is fitted in a separate housing, guarantees a high contact force between the conductor and the current bar (tin-plated copper). The conductor pull-out force for this system is even higher than that for the tension clamp system. A spring-stop plus conductor stop in a steel housing ensure optimum connection conditions and a guide for the screwdriver needed to detach the conductor.

The principle of vibration resistance

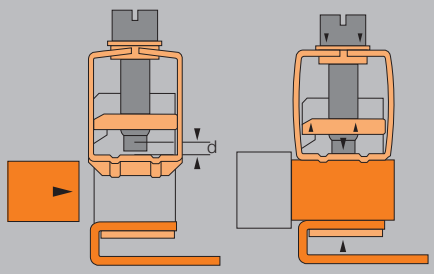
Clamping yoke

As the clamping screw is tightened, the ensuing force causes the upper threaded part to spring back and exert a locknut effect on the screw. The Weidmüller clamping yoke system is vibration-resistant. The relaxation of the conductor is compensated for by the elastic behaviour of the Weidmüller clamping yoke.
It is therefore not necessary to retighten the clamping screw.



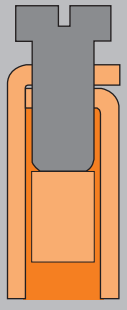
Leaf clamp

The distance “d” between the shaft of the clamping screw and the leaf clamp causes elastic deformation of the spring as the screw is tightened. The vibration resistance depends on the magnitude of the spring force of the leaf clamp, and this force also compensates the relaxation phenomena which occurs in the conductor. It is therefore not necessary to retighten the clamping screw.



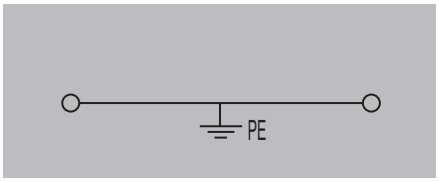
TOP

Like with the clamping yoke, the force exerted by the steel lever as the screw is tightened forces apart the two threaded parts of the TOP connection. This exerts a locking effect on the screw and guarantees excellent vibration resistance.



Definitions of the various types

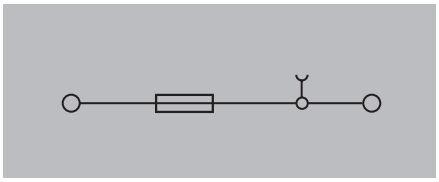
PE terminals



A PE terminal is a component with one or several clamping points for connecting and/or branching PE conductors (PE and PEN conductors) with a conductive connection to their mountings. Partly insulated PE terminals are insulated from adjacent live parts of terminals; the partial insulation is coloured green/yellow.

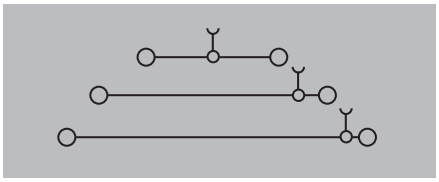
Applications (IEC 60947-7-2)
This standard applies to PE terminals with PE function up to 120 mm² and to PE terminals with PEN function for sizes upwards of 10 mm² with clamping points with or without screws for connecting round copper conductors with a cross-section between 0.2 and 120 mm² (AWG 24/250 kcmil) for circuits up to 1000 Vac1000 Hz or up to 1500 Vdc. PE terminals are used to produce the electrical and mechanical connections between copper conductors and the mounting.

Fuse terminals



Fuse terminals consist of a terminal base and a cartridge fuse holder. In the case of fuse terminals for low-voltage cartridge fuses (D-system), the technical data is defined by IEC 60947-7-3 in conjunction with VDE 0636 part 301. In the case of fuse terminals for device protection cartridge fuses, the technical data is defined by IEC 60947-7-3, which covers the range of applications of such products.
Fuse terminals for protecting devices are rated for a certain maximum power loss on the basis of IEC 60127-2, which covers G-type cartridge fuses. The product pages contain details of the maximum power loss for individual or group arrangements for short-circuit and/or overload protection.

Multi-level distribution terminals



A multi-level distribution terminal is a unit with clamping points for connecting and/or linking phase, neutral and PE conductors to their mountings with a conductive PE connection. They have several connection levels, all isolated from each other.

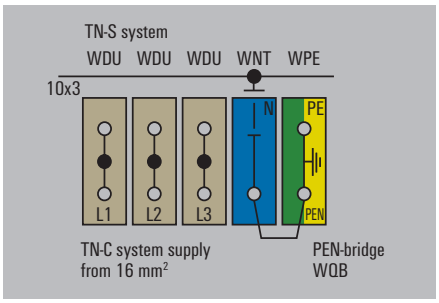
Applications IEC 60947-7-1 / IEC 60947-7-2
DIN VDE 0611-4 (partly)
These standards apply to multi-level distribution terminals with clamping points with/without screws for connecting or linking solid, stranded or flexible copper conductors.
In distribution terminals, phase conductor and/or N and PE conductor connections are all realised in a compact space.The N-conductor can be disconnected for insulation measurements; it is not used for disconnecting or switching.

PEN function

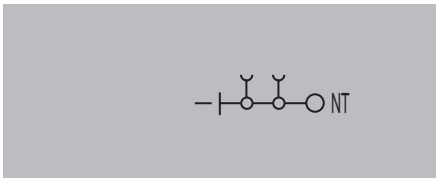
According to IEC 60947-7-2, only copper terminal rails may be used for the PEN function. Steel terminal rails may not be used.

Use of TS 35 x 15

In order to comply with the current-carrying ability required by IEC 60947-7-2, the TS 35 x 15 terminal rail must be used for PE terminals with a rated cross-section of 16 mm² and upwards.



N-conductor disconnect terminals



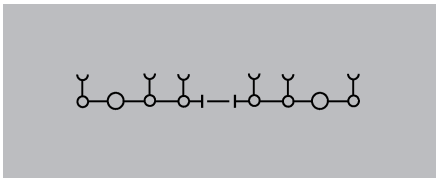
A neutral-conductor disconnect terminal is a special type of test-disconnect terminal with lateral disconnection. It is connected to a neutral-conductor busbar. It is covered by the scope of the IEC 60947-7-1 (Appendix D). They enable simple testing without the need to disconnect the neutral conductor.

Dimensioning of clearance and creepage distances:

400 V applies to:
phase conductor–phase conductor

250 V applies to:
phase conductor–N-conductor
phase conductor–PE conductor
N-conductor–PE conductor

Test-disconnect terminals



Test-disconnect terminals are used for the short-term separation of circuits in order to perform test and measurements in a no-voltage state. They are covered by the scope of the IEC 60947-7-1 (Appendix D).
The dimensions for the clearance and creepage distances of the opened disconnect points are not evaluated. However the rated surge voltage resistance (supplied by the manufacturer) must be verified at the opened disconnect point.

Insulating materials

In order to do justice to the most diverse requirements placed on our products, it is necessary to use different insulating materials tailored to the needs of the applications. None of the insulating materials used by Weidmüller contain any hazardous substances. Above all, the use of cadmium-free materials is very high on our agenda. Furthermore, our insulating materials contain neither pigments based on heavy metals nor any substances that lead to the formation of dioxin or furan.

		Ceramics	Thermosetting plastics	
Plastic Abbreviation		**Ceramics**	**Gemin KrG**	**Epoxy resin EP**
		Ceramics are excellent materials for electrical engineering because they fulfil all requirements. Ceramics are resistant to heat, fluids and sparks, and are tested for leakage currents. Thanks to their high mechanical strength, low losses and good heat resistance, these materials have a very high chemical stability and are preferred because of their very low wear.	Thermosetting plastics exhibit high dimensional stability, low water absorption, extremely good tracking resistance and excellent fire resistance. The continuous operating temperatures are higher than those of thermoplastics. At higher thermal loads the deformation resistance of thermosetting plastics is better than that of thermoplastics. The disadvantage in comparison with thermoplastics is the reduced flexibility of thermosetting plastics.	
		Insulating material	Melamine resin moulding compound, MF type 150 (DIN EN ISO 14 528) inorganic filler	Epoxy resin with inorganic filler
Colour		**white**	**medium yellow**	**black**
Description		highest continuous operating temperature high fire resistance fluids-repellent high tracking resistance inherently flame-retardant	high continuous operating temperature high fire resistance high tracking resistance inherently flame-retardant halogen-free flame-retardant agent	very good electrical properties very high continuous operating temperature resistant to high-energy radiation halogen- and phosphor-free flame-retardant agent
Properties				
Specific volume resistance to IEC 60093	Ω x cm	–	10^{11}	10^{14}
Electric strength to IEC 60243-1	kV / mm	>10	10	160
Tracking resistance (A) to IEC 60112	CTI	≥ 600	≥ 600	≥ 600
Upper max. permissible temperature	°C	250	130	160
Lower max. permissible temperature, static	°C	-60	-60	-60
Flamability class to UL94		V-0 (5 V-B)	V-0 (5 V-A)	V-0
Fire behaviour to railway standard				

Thermoplastics				
Wemid	**Polyamide PA**	**Polyamide PAGF**	**Polybutyleneterephthalate PBT**	**Polycarbonate PC**
Wemid is a modified thermoplastic with properties that have been specially devised to suit the requirements of Weidmüller connectors. The advantages in comparison with PA are better fire protection and the higher continuous operating temperature. Wemid fulfils the strict requirements placed on applications for railway rolling stock to NF F 16-101.	**Polyamide (PA)** is one of the most common commercial plastics. The advantages of this material are its very good electrical and mechanical properties, its flexibility and resistance to breakage. Furthermore, owing to its chemical structure PA achieves good fire resistance even without the use of flame-retardant agents.	**Glass fibre-reinforced polyamide (PAGF)** offers excellent dimensional stability and very good mechanical properties. This makes it ideal for use in end brackets. Compared with unreinforced PA, this material can achieve UL94 flammability class HB.	**This thermoplastic polyester (PBT)** offers excellent dimensional stability (and is therefore ideal for plug-in connectors) and a high continuous operation temperature. However, the tracking resistance is lower than other insulating materials.	
special Weidmüller insulating material	insulating material	insulating material	with or without glass fibre reinforcement depending on application	with or without glass fibre reinforcement depending on application
dark beige	**beige**	**beige**	**orange**	**grey**
higher continuous operating temperature improved fire resistance halogen- and phosphor-free flame-retardant agent flame-retardant agent low smoke development in fire certified for railway applications to NF F 16-101	flexible, virtually unbreakable good electrical and mechanical properties self-extinguishing behaviour halogen-free flame-retardant agent	excellent dimensional stability very good mechanical properties halogen-free flame-retardant agent	high dimensional stability good electrical and mechanical properties flame-retardant substances do not lead to the formation of dioxin or furan	high dimensional stability high continuous operating temperature high electrical insulation capacity halogen-free flame-retardant agent
10^{12}	10^{12}	10^{12}	10^{13}	10^{16}
25	30	30	28	≥ 30
600	600	500	200	≥ 175
120	100	100	115 / 130	115 / 125
–50	–50	–50	–50	–50
V-0	V-2	HB	V-0	V-2 / V-0
I2 / F2 *)				I2 / F2
*) also certified to LUL E 1042				

Power losses

This technical supplement should be used for determining the size of fuse inserts and fuse terminal blocks. It also shows the maximum permitted power losses for the fuse inserts in various applications and terminal block alignments.

1. Definition of overload and short-circuit protection

a) Short-circuit protection

Short circuits can occur when the insulation is broken or when there is continued stress on the insulating material. Almost all electrical consumers and lines should be protected against short circuits according to DIN VDE 0100-430/ HD 384.4.43 S1 and HD 384.4.473 S1.

The heat generated when a fuse insert is activated by a short circuit is low in comparison to an overload. This is because only a short pulse occurs with a short circuit. So in the case of a pure short circuit, the maximum permitted power loss of the fuse insert should be higher than the level for the overload protection.

b) Overload protection

With overload protection, cables and electrical components are protected against excessive load currents and the resulting thermal and mechanical damages.
Overload currents can occur with the following electrical components:

- Cables and busbars in power distribution networks
- Motors
- Transformers

When protecting against overloads, the heat energy released by the fuse inserts extends over a longer period of time. Thus the maximum power loss is less than with a pure short circuit.

2. Fuse terminal blocks arranged individually in accordance with IEC 60947-7-3

A single arrangement describes a terminal block consisting of five terminals, whereby four feed-through terminals are arranged around a fuse terminal block.

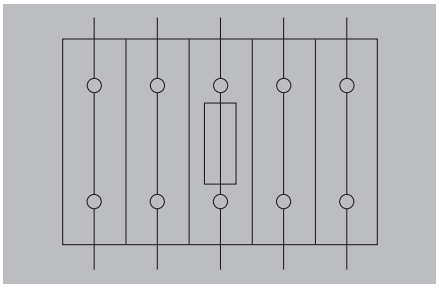


Figure 1: Fuse terminal blocks arranged individually

The maximum power loss of the fuse can, in comparison to a compound alignment, be rated higher because the individually aligned feed-through terminals dissipate little thermal energy.

3. Composite alignment of fuse terminal blocks in accordance with IEC 60947-7-3

A composite alignment describes a terminal block made from five fuse terminal blocks. The power loss for a short circuit or overload is determined based on the terminal in the middle.

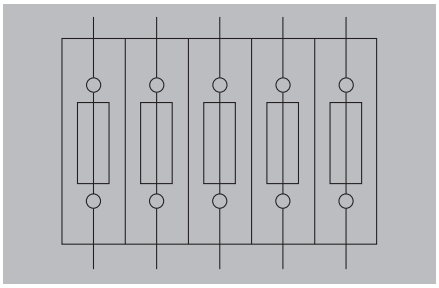


Figure 2: Fuse terminal blocks arranged as composites

The maximum power loss of the fuse should, in comparison to the individual alignment, be rated lower. The fuse terminal blocks arranged as a composite dissipate more thermal energy during operations.

4. Power losses for overload and short circuit protection in accordance with IEC 60947-7-3

The IEC 60127-x standard for cartridge fuse inserts describes three categories for power losses (1.6 W, 2.5 W, 4 W). The IEC 60947-7-3 standard for fused terminal blocks is also based on these groups. The values specified in these standards describe the power losses at 1.5 x IN.

Table 1: Example data for power loss specifications according to IEC 60947-7-3

Arrangement	Applications	
	Only short-circuit protection	Overload and short-circuit protection
Individual arrangement	4 W at max. 6.3 A	1.6 W at max. 6.3 A
Composite arrangement	2.5 W at max. 6.3 A	1.6 W at max. 6.3 A

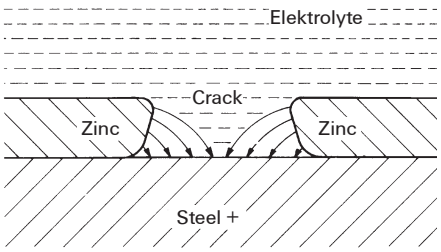
Metals

Only materials that have proved suitable for electrical engineering applications are used in Weidmüller products. All materials are subjected to the rigorous quality control measures of a QM system certified to DIN EN ISO 9001. Environmental compatibility plays a crucial role in the selection of materials.

The selection, processing and surface treatment of all the metals used by Weidmüller are carried out according to the latest technical standards.

Steels

Steel parts required to maintain the contact force permanently are electrogalvanised and treated with an additional passivation technique.
The surface protection conforms to the highest standards. Experience gained from laboratory tests has been incorporated into the design of the surface protection. Zinc protects against corrosion for a long time even after the zinc coating has been partially damaged by scratches or pores. In the presence of an electrolyte, zinc acts as a cathode (i.e. negative) with respect to steel. The metal ions of the zinc migrate to the steel, which provides long-term protection for the parent metal.



Conductive materials

The current-carrying materials copper, brass and bronze are characterised by their high conductivity and good mechanical properties.
The surfaces are usually given a coating of tin, which creates an extremely good, “malleable” contact with a low contact resistance. Apart from ensuring consistently good electrical properties, the tin coating provides excellent protection against corrosion.
Solder connections are also given a coating of tin. In order to guarantee the long-term solderability (shelf life), brass parts are given an additional nickel coating as a diffusion barrier.
The nickel coating provides effective protection against the loss of zinc atoms from the brass.

International Standards

Modular terminals to IEC 60947-7-1

Low-voltage switchgear and controlgear

Part 7-1:
Auxiliary devices – Terminals for copper conductors

This standard has been ratified by CENELEC on a European level and is as such valid in all CENELEC member countries.

In conjunction with this and having an overriding importance:
IEC 60947-1

Low-voltage switchgear and controlgear –General stipulations

(IEC 60947-7-1)
(EN 60947-7-1)

This standard defines requirements for feed-through and disconnect-test terminals with screw or screwless terminal points which are primarily intended for industrial applications or similar and are attached to a carrier to produce an electrical and mechanical connection between copper cables.

The standard is valid for modular terminals for connecting round copper conductors with a cross-section between 0.2 mm^2 and 300 mm^2 (AWG 24/600 kcmil), for electric circuits up to 1000 V AC/1000 Hz or up to 1500 V DC.

This standard can be used as a guide for:

- Terminals that require the attachment of special fixtures to the conductor such as tab or wire-wrap connectors, etc.
- Terminals that directly contact the conductor through cutting or which create contact points by penetrating the insulation, for example as in insulation eg. such as in insulation displacement connections, etc.

Feed-through terminal

An insulating part consisting of one or more terminal groups that are isolated from each other, and is designed to be mounted to a carrier.

Rated cross-section

The rated cross-section of a modular terminal is the size – as specified by the manufacturer – of the conductor cross-section that can be connected to the terminal, on which certain thermal, mechanical and electrical requirements are based, and which is intrinsic to the marking on the terminal.

The rated cross-section is selected from the following standard cross-sections:
0.2 - 0.5 - 0.75 - 1.0 - 1.5 - 2.5 - 4.0 - 6.0 - 10 - 16 - 25 - 35 - 50 - 70 - 95 - 120 - 150 - 240 - 300 mm^2.

The modular terminals possess a rated connection capacity that is at least two steps smaller than the rated cross-section. The conductors may be solid, multi-strand or fine-strand components, if necessary with the ends of the conductors prepared for the connection.

Verification of the rated cross-section is carried out with a gauge, according to IEC 60947-1.

Rated current IEC 60947-7-1

Test currents are assigned to the rated cross-sections in accordance with IEC 60947-7-1. No non-permissible rise in the temperature of the terminal occurs in conjunction with these rated currents:

mm^2	1.5	2.5	4.0	6.0
A	17.5	24	32	41

mm^2	10	16	25	35
A	57	76	101	125

mm^2	50	70	95	120
A	150	192	232	269

mm^2	150	185	240	300
A	309	353	415	520

Conventional free-air thermal current (Ith)

The conventional thermal current in free air (Ith) is the largest test current for warming tests of open equipment in the free air, see 4.3.2.1 of IEC 60947-1.

This applies exclusively to terminal blocks with multiple connection levels **(multi-tier terminals)** and to **test-disconnect terminals** for which a current reduction is permissible. The reduced current values are then designated as **conventional thermal current in free air (Ith).**
If the test current is not required to be reduced for the associated rated cross-section, then the term remains "rated current".

Rated voltage IEC 60947-7-1

The rated voltage of a modular terminal is the rated insulation voltage on which the insulation tests and creepage distances are based. They are determined according to IEC 60664-1.

Rated impulse withstand voltage IEC 60947-7-1

This is the value of a surge voltage to which the modular terminals can be subjected and on which the clearances to IEC 60947-1 or IEC 60664-1 are based.

Pollution severity IEC 60947-7-1

The pollution severity specifies the influence of solid, liquid or gaseous foreign matter that could reduce the electric strength of the specific surface resistance.
Pollution severity 3 has been specified for modular terminals for industrial applications: the occurrence of conductive contamination or dry, non-conductive contamination which becomes conductive because condensation is expected.

The minimum clearance is defined in IEC 60947-7-1 in conjunction with the rated impulse withstand voltage.

Operating conditions

The modular terminals can be used in the following standard conditions:

- Ambient temperature -5 °C...+40 °C, average value over 24 h: +35 °C
- Attitudes up to 2000 m above sea level
- Relative humidity 50 % at +40 °C, 90 % at +20 °C

CE marking

The manufacturer is responsible for CE labelling in accordance with the corresponding EU Directive. This confirms conformance with the Directive for the attention of government authorities. It is designed to guarantee the free movement of goods within Europe. Cable connectors from ≥ 50 V~/75 V- fulfil the fundamental safety requirements stipulated in the Low Voltage Directive 2006/95/EC. This is printed on the packaging. Together with the appropriate technical documentation declarations of conformity are kept available for review by the responsible monitoring authority.

(EMC) Interference immunity

Terminals used in applications that fall under the scope of the IEC/EN 60947-7-1 are immune to electromagnetic disturbances. For that reason no immunity tests are required.

Emitted interference

Terminals used in applications that fall under the scope of the IEC/EN 60947-7-1 do not generate electromagnetic disturbances. For that reason no emitted interference tests are required.

IP class of protection to DIN EN 60529

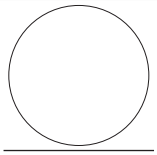
The ingress protection class or IP rating is indicated by a code consisting of the two letters IP and two digits representing the class of protection.

Example: **I P 6 5**

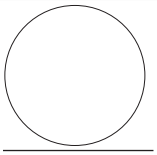
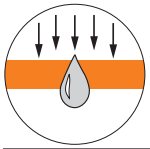
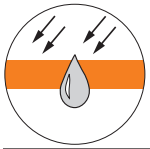
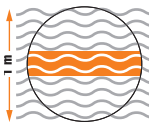
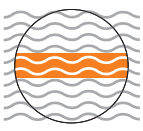
2nd digit: protection from liquids

1st digit: protection from solid bodies

Protection against intrusion of external particle matter (1st digit)

Code digit		
0		No protection
1		Protection against ingress of large solid bodies with diameter > 50 mm. (Protection to prevent dangerous parts being touched with the back of the hand.)
2		Protection against ingress of large solid bodies with diameter > 12.5 mm. (Protection to prevent dangerous parts being touched with the fingers.)
3		Protection against ingress of large solid bodies with diameter > 2.5 mm. (Protection to prevent dangerous parts being touched with a tool.)
4		Protection against ingress of large solid bodies with diameter > 1 mm. (Protection to prevent dangerous parts being touched with a piece of wire.)
5		Protection against harmful deposits of dust, which cannot enter in an amount sufficient to interfere with satisfactory operation.
6		Complete protection against ingress of dust.

Protection against penetration of liquids (2nd digit)

Code digit		
0		No protection
1		Protection against drops of condensed water falling vertically.
2		Protection against drops of liquid falling at an angle of 15° with respect to the vertical.
3		Protection against drops of liquid falling at an angle of 60° with respect to the vertical.
4		Protection against liquids splashed from any direction.
5		Protection against water jets projected by a nozzle from any direction.
6		Protection against water from heavy sea on ships'decks.
7		Protection against immersion in water under defined conditions of pressure and time.
8		Protection against indefinite immersion in water under defined conditions of pressure (which must be agreed between manufacturer and user and must be more adverse than number 7).

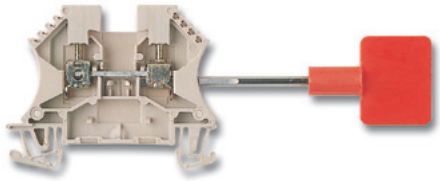
Conversion table for AWG to mm² conductors

AWG

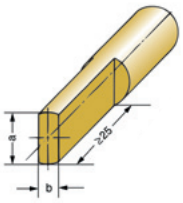
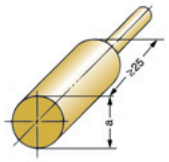
AWG is the abbreviation for „**A**merican **W**ire **G**auge". This designation bears no resemblance to the actual cross-section of the conductor.
The relationship between AWG and mm² is shown in the following table.

Plug gauge to IEC 60947-1

Insertion of unprepared round conductors with the largest prescribed cross-section
Test with defined gauge, insertion simply under self-weight



AWG	mm²
28	0.08
26	0.13
24	0.20
22	0.33
20	0.52
19	0.65
18	0.82
17	1.04
16	1.31
15	1.65
14	2.08
13	2.63
12	3.31
11	4.17
10	5.26
9	6.63
8	8.37
7	10.55
6	13.30
5	16.77
4	21.15
3	26.67
2	33.63
1	42.41
0	53.48

Conductor cross-section		Plug gauge					
		Form A			Form B		
							
Flexible conductor mm²	Rigid conductor (solid or stranded) mm²	Designation	Diameter a mm	Width b mm	Designation	Diameter a mm	Permissible deviation for a and b mm
1.5	1.5	A 1	2.4	1.5	B 1	1.9	
2.5	2.5	A 2	2.8	2.0	B 2	2.4	0 - 0.05
2.5	4	A 3	2.8	2.4	B 3	2.7	
4	6	A 4	3.6	3.1	B 4	3.5	
6	10	A 5	4.3	4.0	B 5	4.4	0 - 0.06
10	16	A 6	5.4	5.1	B 6	5.3	
16	25	A 7	7.1	6.3	B 7	6.9	
25	35	A 8	8.3	7.8	B 8	8.2	0 - 0.07
35	50	A 9	10.2	9.2	B 9	10.0	
50	70	A 10	12.3	11.0	B 10	12.0	
70	95	A 11	14.2	13.1	B 11	14.0	0 - 0.08
95	120	A 12	16.2	15.1	B 12	16.0	
120	150	A 13	18.2	17.0	B 13	18.0	

Design of the clearances and creepage distances in electrical equipment – general

Since April 1997 the sizing of clearances and creepage distances has been covered by IEC 60664-1 "Insulation coordination for electrical equipment in low-voltage systems".

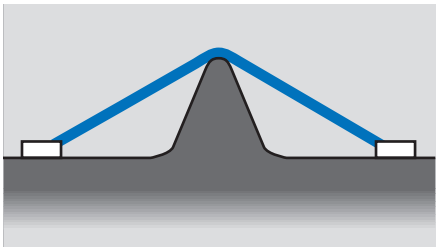
The design data resulting from these provisions is – if applicable – specified in this catalogue for each product.

For the design of clearances and creepage distances, application of the regulations for insulation coordination produces the following interrelationships:

Clearances

Clearances are rated in accordance with the following factors:

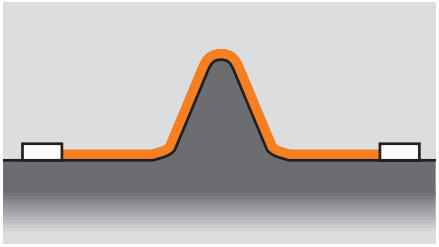
- Anticipated overvoltage **rated impulse withstand voltage**
- Used **overvoltage protection precaution**
- Measures to prevent pollution **pollution severity**

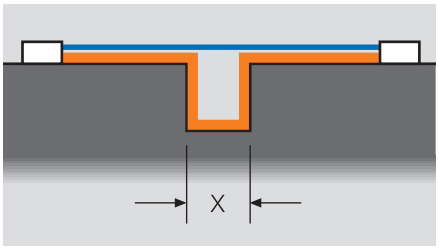


Creepage distances

Creepage distances are rated in accordance with the following factors:

- Planned **rated voltage**
- Insulation materials used **insulation group**
- Measures to prevent pollution **pollution severity**





Slots are taken into account when measuring creepage distances if their minimum width x is dimensioned according to the following table:

Pollution severity	min. width X [mm]
1	0.25
2	1
3	1.5
4	2.5

If the associated clearance in air is less than 3 mm, the minimum slot width can be reduced to 1/3 of the clearance.

Design of clearances and creepage distances in electrical equipment – influencing factors

Rated impulse withstand voltage

The rated impulse withstand voltage is derived from:

- **Voltage conductor – earth** (the rated voltage of the network, taking into account all networks)
- **Surge category**

Table 1: Rated impulse withstand voltages for electrical equipment

Rated voltage of power supplies system *) in V		Rated impulse withstand voltage in kV			
Three-phase systems	Single-phase systems with neutral point	Electrical equipment at the supplies point of the installation **(Surge category IV)**	Electrical equipment as part of the permanent installation **(Surge category III)**	Electrical equipment to be connected to the permanent installation **(Surge category II)**	Specially protected electrical equipment **(Surge category I)**
	120 to 240	4.00	2.50	1.50	0.80
230/400 277/480		6.00	4.00	2.50	1.50
400/690		8.00	6.00	4.00	2.50
1000		Values depend on the particular project of, if no values are available, the values of the preceding line apply.			

*) to IEC 38

Surge categories

are stipulated in accordance with the German standard DIN VDE 0110-1 (for electrical equipment fed directly from the low-voltage network).

Surge category I

- Equipment that is intended to be connected to the permanent electrical installation of a building. Measures to limit transient surges to the specific level are taken outside the equipment, either in the permanent installation or between the permanent installation and the equipment.

Surge category II

- Equipment to be connected to the permanent electrical installation of a building, e.g. household appliances, portable tools, etc.

Surge category III

- Equipment that is part of the permanent electrical installation and other equipment where a higher degree of availability is expected, e.g. distribution boards, circuit-breakers, wiring systems (including cables, busbars, junction boxes, switches, power sockets) in the permanent installation, and equipment for industrial use and some other equipment, e.g. stationary motors with permanent connections to the permanent installation.

Surge category VI

- Equipment for use at or near the power supplies in the electrical installations of buildings, between the principal distribution and the mains, e.g. electricity meters, circuit-breakers and centralised ripple controllers.

Pollution severity categories

Pollution severity category 1

- No pollution, or only dry, non-conductive pollution that has no influence.

Pollution severity category 2

- Non-conductive pollution only; occasional condensation may cause temporary conductivity.

Pollution severity category 3

- Conductive pollution, or dry, non-conductive pollution that is liable to be rendered conductive through condensation.

Pollution severity category 4

- Contamination results in constant conductivity, e.g. caused by conductive dust, rain or snow.

Unless explicitly stated otherwise, the dimensioning of clearance and creepage distances and the resulting rating data for electromechanical products (terminals, terminal strips, PCB connection terminals and plug-in connectors) is based on pollution severity 3 and surge category III, taking account of all network types.

Design of clearances and creepage distances in electrical equipment – influencing factors

Rated voltage

The rated voltage is derived from the nominal voltage of the power supply and the corresponding network type.

Single-phase
2- or 3-wire AC or DC systems

Rated voltage of the power supply (mains)*)	Voltages for table 4	
	For insulation phase-to-phase [1]	For insulation phase-to-earth [1]
	All systems	3-wire systems neutral pt. earthing
V	V	V
12.5	12.5	–
24 / 25	25	–
30	32	–
42 / 48 / 50**)	50	–
60	63	–
30–60	63	32
100**)	100	–
110 / 120	125	–
150**)	160	–
220	250	–
110–220	250	125
120–240		
300**)	320	–
220–440	500	250
600**)	630	–
480–960	1000	500
1000**)	1000	–

3-phase
3- or 4-wire AC systems

Rated voltage of the power supply (mains)*)	Voltages for table 4		
	For insulation phase-to-phase	For insulation phase-to-earth	
	All systems	3-phase 4-wire systems with earthed neutral wire[2])	3-phase 3-wire systems unearthed[1]) or phase-earthed
V	V	V	V
60	63	32	63
110/120/127	125	80	125
150**)	160	–	160
208	200	125	200
220/230/240	250	160	250
300**)	320	–	320
380/400/415	400	250	400
440	500	250	500
480/500	500	320	500
575	630	400	630
600**)	630	–	630
660/690	630	400	630
720/830	800	500	800
960	1000	630	1000
1000**)	1000	–	1000

1) Phase-to-earth insulation levels for unearthed or impedance-earthed systems are equal to those of phase-to-phase because the operating voltage to earth of any phase can, in practice, reach full phase-to-phase voltage. This is because the actual voltage to earth is determined by the insulation resistance and capacitive reactance of each phase to earth; thus, a low (but acceptable) insulation resistance of one phase can earth it and raise the other two to full phase-to-phase voltage to earth.

2) For electrical equipment for use in both 3-phase 4-wire and 3-phase 3-wire supplies, earthed and unearthed, use the values for 3-wire systems only.

*) It is assumed that the rated voltage of the electrical equipment is not lower than the nominal voltage of the power supply.

**) Because of the common changes, the meaning of the ** symbol has not been used in table 1; i.e. the / symbol indicates a 4-wire 3-phase distribution system. The lower value is the phase-to-neutral voltage, while the higher value is the phase-to-phase voltage. Where only one value is indicated, it refers to 3-wire 3-phase systems and specifies the value phase-to-phase. The values given in table 1 are still taken into account in tables 3a and 3b by the ** symbol.

Insulating material group

The insulating materials are divided into four groups depending on the comparative figures for creepage distance (CTI = comparative tracking index):

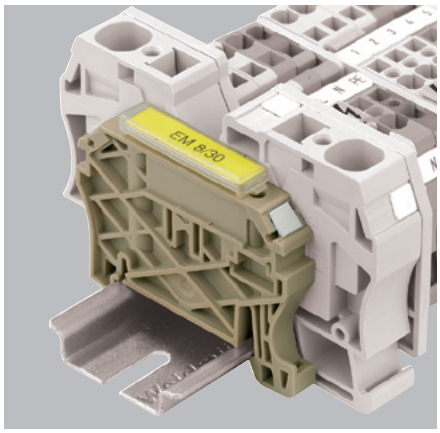
Insulating material group	
I	600 ≤ CTI
II	400 ≤ CTI < 600
III a	175 ≤ CTI < 400
III b	100 ≤ CTI < 175

The comparative tracking index must be determined using special samples produced for this purpose with test solution A in compliance with IEC 60112 (DIN IEC 60112/DIN VDE 0303-1).

The installation of terminal strips

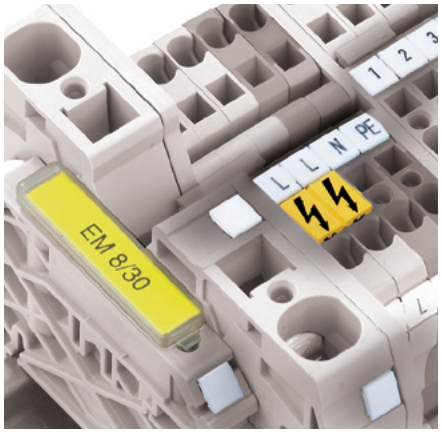
Assembly and end brackets

- Assemble terminal strips from left to right.
- Closed side on the left, open on the right.
- Always close off the open side of a modular terminal with an end plate or partition plate (WAP/TW, ZAP/TW and IAP).
- Fit end brackets to both ends of a terminal strip.
- End brackets can be omitted adjacent to PE terminals, with the exception of WDK/PE and ZPE + WPE 1.5 / R 3.5.



Combinations of various terminals

- Always fit an end plate or partition plate (WAP/TW, ZAP/TW and IAP) at changes of profile.
- Always fit end plates or partition plates (WAP/TW, ZAP/TW and IAP) between adjacent terminals with different rated voltages in order to maintain the respective voltages.
- When a PE terminal is required adjacent to or between associated feed-through terminals of the same series and size, the rated voltage and rated impulse withstand voltage of the feed-through terminals are not affected.

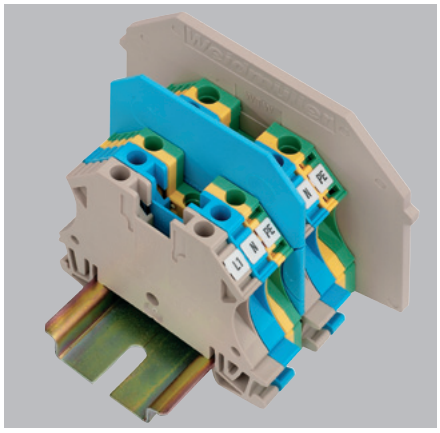


Dimensions

The dimensions specified are those of the enclosing housing to the modular terminal, including fixing components but excluding tolerances. A mounting tolerance of 0.2 mm on the specified terminal width should be allowed for in the planning.

Partition plate

A partition plate is required to create a visual distinction between electric circuits, or to ensure electrical isolation between neighbouring cross-connections.



Separation plate

Separation plates can be retrofitted between cross-connections or sockets on modular terminals up to a terminal width of max. 12 mm.

Maintaining the rated insulation voltage

The required stripping length is specified in mm for every Weidmüller product. These lengths, e.g. 6 ± 0.5 mm, ≥ 10 ± 1 mm, must be maintained. This also applies when using wire end ferrules. The outside dimensions of crimped wire end ferrules must comply with IEC 60947-1, 1999 edition.

Working on electrical connections with non-insulated screwdrivers

The use of non-insulated screwdrivers is only permitted on electrical systems that have been isolated. To ensure that the electrical components have been disconnected from the power supply, the following five safety rules must be adhered to before carrying out any

work and guaranteed for the duration of the work:

- **Isolation**
- **Prevention of reconnection**
- **Verification of disconnection**
- **Earthing and short-circuiting**
- **Covering or guarding of adjacent parts still connected to the power supply**

These five safety rules represent the safety measures to be taken when working on electrical systems and equipment. The individual measures to be carried out taking into account the operational and local conditions, e.g. exposed high- or low voltage lines, cables or switchgear, are specified in VDE 0105 part 100.

Unused clamping points connected to the power supply

Suitable covers, e.g. ADP 1...4, must be fitted to prevent electrical shock caused through accidental contact with unused clamping points that could conduct electricity. The clamping screws of all unused clamping points, even those isolated from the electricity supply, must be screwed fully home.

VDE 0105 part 100
Operation of power supplies: work on such systems

Perform troubleshooting operations with a 2-pole voltage tester including test prod to IEC 61243-3.

Tightening torques for clamping screws

Tightening the clamping screw with the appropriate torque guarantees:

- A secure and gas-tight connection
- No mechanical damage to the clamping parts
- A voltage drop well below the permissible limit

The test torque to IEC 60947-1 or the torque as specified by the manufacturer is the lower value of the permissible torque range. This ensures that all tests are satisfied.

The upper value of the permissible torque range is the maximum torque that may be applied by the user.

An electric screwdriver should preferably be set to a torque in the middle of the range. The values given in the table are general figures. Torques specific to the products have been specified directly for each product.

Products with screw with slotted head

Thread	Tightening torque Steel screws min. 8.8 [Nm]	A 2/A 4-80 [Nm]
M 2	0.2...0.35	0.2...0.35
M 2.5	0.4...0.8	0.4...0.8
M 3	0.5...1.0	0.5...1.0
M 3.5	0.8...1.6	0.8...1.6
M 4	1.2...2.4	...
M 5	2.0...4.0	...
M 6	2.5...5.0	...

Products with screw with hexagon socket

Thread	Tightening torque Non-ferrous screws Cu 2 (CuZn) [Nm]	Cu 5 (CuNi 60) [Nm]
M 2.5	0.4...0.45	...
M 3	0.5...0.6	0.5...1.0
M 3.5	...	0.8...1.6
M 4	1.2...1.9	1.2...2.4
M 5	2.0...3.0	2.0...4.0
M 6	...	2.5...5.0

Products with screw with hexagon socket

Thread	Tightening torque Steel screws [Nm]
M 4	1.2...2.4
M 5	2.0...4.0
M 6	3.0...6.0
M 8	6.0...12
M 10	10.0...20
M 12	14.0...31
M 16	25.0...60

Connecting the terminals

Two conductors at one clamping point

The optimum solution for allocation of individual circuits, labelling and the breakdown into separate functional units is best achieved by connecting just one conductor at every clamping point.

However, if it is necessary to connect two conductors with the same cross-section at one clamping point, then this is possible with the modular terminals of the W-Series (screw connection).

The connection of two cables in screwless clamping units is forbidden according to DIN IEC 60999-1.

The Z-series (tension-clamping) can be used to connect two conductors if twin wire-end ferrules are used.

- **Continuous current rating with two conductors**

The total current of two conductors may not exceed the continuous current rating of the modular terminal. The continuous current rating is the maximum current that a modular terminal can accommodate without the temperature rise exceeding 45 K.

- **Rated voltage**

The Rated voltage of the modular terminal does not change when two conductors are connected properly.

File E60693	Torque NM	Voltage	Current	WI Catalog No.	
Multi wire test for:					
sec 38	0,8	600	25	WDU 2.5	
sec 38	1	600	35	WDU 4	
sec 38	1.6	600	50	WDU 6	
sec 38	2.4	600	65	WDU 10	
sec 38	4	600	85	WDU 16	
sec 38	5	1000	125	WDU 35	
sec 38	0.8			WPE 2.5	
sec 38	1			WPE 4	
sec 38	1.6			WPE 6	
sec 38	2.4			WPE 10	
sec 38	4			WPE 16	
sec 38	5			WPE 35	
sec 38	0.8	300	20	WDK 2.5...	
sec 38	0.8	300	20	WDK 2.5/DU-PE	
sec 38	0.5	300	20	WDU 1.5/ZZ	
sec 38	0.5			WPE 1.5/ZZ	
sec 38	0.8	300	20/10	WDU 2.5/1.5/ZR	2.5
sec 38	0.5				1.5
sec 38	0.8			WPE 2.5/1.5/ZR	2.5
sec 38	0.5				1.5
sec 38	0.8	300	10	WPO 4	
sec 38	0.5	300	10	WDU 1.5/BLZ 5.08	
sec 38	0.8	300	10	WDK 2.5/BLZ 5.08	
sec 38	0.8	300	16	WDU 2.5 F	
sec 38	0.8	300	16	WDK 2.5 F	
sec 47	0.5	300	10	BLZ 5.08/2	
sec 38				WDU 50N	
sec 38				WPE 50N	
sec 75				WDU 70N	
sec 75				WPE 70N	
sec 38				WDK 2.5/TR DU/oTNHE	
sec 38				WDK 2.5/TR DU-PE/oTNHE	
sec 38				WTR 2.5	
				WDU 50N	
				WPE 50N	
				WDU 70N	
				WPE 70N	
				WDK 2.5/TR DU/oTNHE	
				WDK 2.5/TR DU-PE/oTNHE	
				WTR 2.5	
				WDK 4N	
				WDK 4N PE	
				WDK 4N V	
				WDU 4/ZR	
				WDU 4/ZZ	
				WPE 4/ZR	
				WPE 4/ZZ	
				WTR 4/ZR	
				WTR 4/ZR STB 2.3	
				WTR 4/ZZ	
				WTR /ZZ STB 2.3	
				WTL 4/2 STB	
				WTL 4	
				WTR 4	
				WTR 4 STB	
				KDKS 1/EN4	
				KDKS 1 PE/35	
				MAK 2.5 DB	

[1] Passed with lowered current rating [2] Passed with differing number of wires [3] Still in work

The maximum number of identical cross-sections

UL Rated Terminal Blocks																		
Wire cross-section AWG (mm²)																		
#30 (0.05)	#28 (0.08)	#26 (0.13)	#24 (0.21)	#22 (0.33)	#20 (0.5)	#18 (0.75)	#16 (1.5)	#14 (2.5)	#12 (4)	#10 (6)	#8 (10)	#6 (16)	#4 (25)	#2 (35)	#1 (40)	1/0 (50)	2/0 (70)	3/0 (80)
Number of the same Size Wires per Terminal																		
4	4	4	4	4	4	3	3	2	1	-	-	-	-	-	-	-	-	-
-	-	-	-	4	4 (29 A)[1]	3	3	2	1	1	-	-	-	-	-	-	-	-
-	-	-	-	4	4 (30 A)[1]	3	3	3	2	1	1	-	-	-	-	-	-	-
-	-	-	-	4	4	4	4 (46 A)[1]	3 (50 A)[1]	2 (50 A)[1]	1	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	4 (67 A)[1]	4 (62 A)[1]	3 (71 A)[1]	2 (67 A)[1]	1	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	3	3	3 (90 A)[1]	2	2 (114 A)[1]	1	1	1		-	-
4	4	4	4	4	4	3	3	2	1	-	-	-	-	-	-	-	-	-
-	-	-	-	4	4	3	3	2	1	1	-	-	-	-	-	-	-	-
-	-	-	-	4	4	3	3	3	2	1	1	-	-	-	-	-	-	-
-	-	-	-	4	4	4	4	3	2	1	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	4	4	3	2	1	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	3	3	3	2	2	1	1	1		-	-
4	4	4	4	4	4	3	2	2	1	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	2	2	1	-	-	-	-	-	-	-	-	-
-	-	4	4	4	3	1	1	1	-	-	-	-	-	-	-	-	-	-
-	-	4	4	4	3	1	1	1	-	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	3	2	1	-	-	-	-	-	-	-	-	-
-	-	4	4	4	3	1	1	1	-	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	3	2	1	-	-	-	-	-	-	-	-	-
-	-	4	4	4	3	1	1	1	-	-	-	-	-	-	-	-	-	-
-	-	4	4	4	2[2]	3	2	2	1	-	-	-	-	-	-	-	-	-
-	-	4	4	4	3	1	1	1	-	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	2	2	1	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	3	2	1	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	2	2	1	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	2	1	1	-	-	-	-	-	-	-	-	-	-
											2	2	1	1	1	1		
											2	2	1	1	1	1		
								5	5	5	2	2	2	1	1	1	1	
								5	5	5	2	2	2	1	1	1	1	
				4	4	3	2	1	1									
				4	4	3	2	1	1									
4	4	4[3]	4[3]	3[3]	3[3]	3[3]	3[3]	2[3]	1									
											2	2	1	1	1	1		
											2	2	1	1	1	1		
								5	5	5	2	2	2	1	1	1	1	
								5	5	5	2	2	2	1	1	1	1	
				4	4	3	2	1	1									
				4	4	3	2	1	1									
4	4	4	4	3	3	3	3	2	1									
covered by WDK 4N																		
covered by WDK 4N																		
				4[2]	4[2]	3[2]	3[2]	2[2]	1[2]	1[2]								
covered by WTR 4/ZZ																		
covered by WTR 4/ZZ																		
covered by WTR 4/ZZ																		
covered by WTR 4/ZZ																		
covered by WTR 4/ZZ																		
covered by WTR 4/ZZ																		
				4[2]	4[2]	3[2]	3[2]	2[2]	1[2]	1[2]								
covered by WTR 4/ZZ																		
				4[2]	4[2]	3[2]	3[2]	2[2]	1[2]	1[2]								
				4[2]	4[2]	3[2]	3[2]	2[2]	1[2]	1[2]								
				4[2]	4[2]	3[2]	3[2]	2[2]	1[2]	1[2]								
covered by WTR 4/ZZ STB 2.3																		
covered by KDKS 1/PE/35																		
4[2]	4[2]	4[2]	4[2]	4[2]	4[2]	3[2]	3[2]	2[2]	1[2]	1[2]								
4[2]	4[2]	4[2]	4[2]	4[2]	4[2]	3[2]	3[2]	2[2]	1[2]	1[2]								

Connecting the terminals

Cross-connections systems

Weidmüller can supply the cross-connections WQV and ZQV – fully insulated against electric shock – with various numbers of poles (2- to 20-pole). Please note that the rated voltage is reduced when using cross-connections.

Protection against electric shock is not provided at the ends of shortened cross-connections.

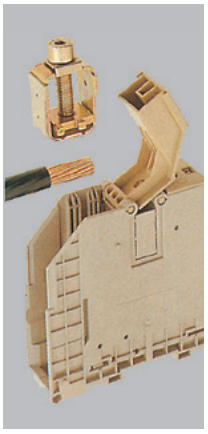
Such cross-connections must be used with partition plates or end plates in order to maintain the rated voltage.

Leaf clamp conductor connection for large cross-sections

It is no longer the case that conductors with large cross-sections have to be forced into the clamping point. Instead, they can now be easily placed in the modular terminal.
In addition to the individual form, every type of terminal can also be supplied in the form of 3-, 4- and 5-pole blocks. All the blocks are permanently screwed together and therefore guarantee additional rigidity.
Direct mounting is possible thanks to the elongated holes on the underside of the terminals. Terminal blocks can be screwed directly to mounting plates with a 25 mm pitch.

The other advantages are:

- Constant force transfer through self adjusting connection system
- Mounting in any direction
- Electric shock protection (finger-proof) to German standard VBG 4, also with cross-connections
- Extremely resistant to distortion



Open cover and remove screw assembly.

Insert conductor and replace screw assembly.

Close cover and tighten screw with Allen key.

The use of aluminium conductors

Weidmüller terminal blocks are suitable for the direct connection of **single strand round** and **sector-shaped aluminium wires**.
In contrast to copper, aluminium exhibits certain characteristics that must be taken into account when using this material as a conductor in electrical engineering.

A thin, non-conductive layer of oxide forms immediately on the unprotected surface of the aluminium as soon as it is exposed to the air.
This layer increases the contact resistance between the aluminium conductor and the current bar of the modular terminal. And that, in unfavourable conditions, can lead to poor contact.

1. Scrape the stripped end of the conductor carefully, eg. with a knife, to remove the layer of oxide. **Caution:** Do not use brushes, files or emery paper because particles of aluminium can be deposited on other conductors.

2. After removing the layer of oxide, coat the end of the conductor immediately with a neutral grease, e.g. acid- and alkalifree Vaseline, and connect it to the terminal immediately.

3. Repeat the above procedure if at any time the conductor is disconnected and reconnected.

4. The above installation instructions are valid for solid round or sector aluminium conductors only.

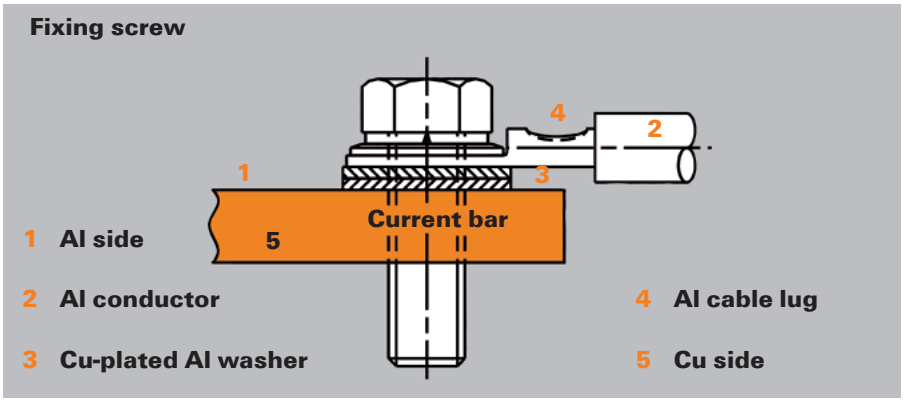
Solid round and sector conductors				
Terminal type	Rated cross-section	Reduced rated current when connecting an aluminium conductor	Clamping screw thread size	Tightening torque
W-Series	**mm²**	**„A“**		**Nm**
WDU 2.5	2.5	20	M 2.5	0.4
WDU 4	4	27	M 3	0.5
WDU 6	6	35	M 3.5	0.8
WDU 10	10	48	M 4	1.2
WDU 16	16	50	M 5	3.0
WDU 35	35	60	M 6	4.0
WDU 120	150	290	M 10	15.0
WDU 240	240	415	M 10	25.0-30.0
SAK-Series				
SAK 2.5	2.5	20	M 2.5	0.5-0.8
SAK 4	4	27	M 3	0.6-1.0
SAK 6	6	35	M 3.5	1.2-1.6
SAK 10	10	48	M 4	2.0-2.4
SAK 16	16	64	M 4	2.0-2.4
SAK 35	35	105	M 6	4.0-6.0

Stranded conductors				
W-Series				
WFF 35	35	105	M 6	3.0-6.0
WFF 70	70	163	M 8	6.0-12.0
WFF 120	120	230	M 10	10.0-20.0
WFF 185	185	300	M 12	15.5-31.0
WFF 300	300	409	M 16	30.0-60.0

Installation advice when using flat cable lugs

When tightening the terminal it is advisable to hold the conductor to prevent deformation of the terminal rail and to avoid twisting the foot of the terminal. When connecting **stranded aluminium conductors** to modular terminals, it is advisable to use an aluminium cable lug chosen to match the type of conductor and connected according to the instructions of the cable lug manufacturer.

It is necessary to fit a copper-plated aluminium washer between the aluminium cable lug and the copper current bar of the modular terminal. This is the only way of guaranteeing a reliable transition between the copper and the aluminium. Fit the washer in such a way that the copper side is in contact with the current bar, and the aluminium side in contact with the cable lug.



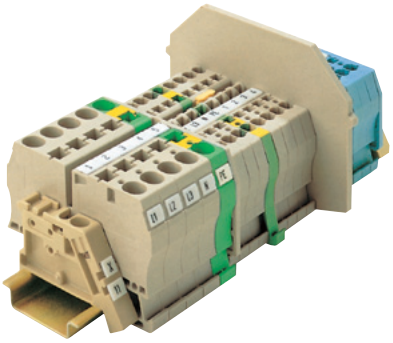
ATEX terminals blocks

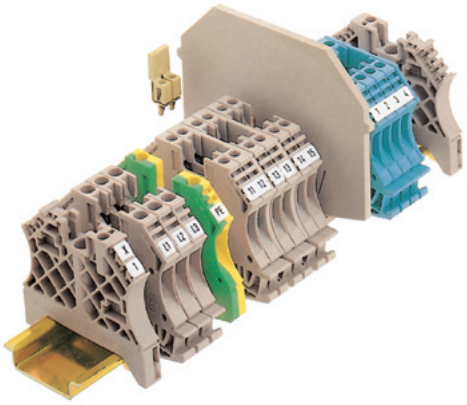
Modular terminals for explosive conditions – complying with the European ATEX Directive 94/9/EC

Principles

IEC 60947-7-1 (EN 60 947-7-1/VDE 0611pt.1) and IEC 60 947-7-2 (EN 60 947-7-2/ VDE 0611pt.3) specify the basic provisions for modular terminals or PE terminals. In addition, when used in hazardous areas the standard EN 60079-0 applies; where increased safety 'e' is required EN 60079-7 applies. According to EN 60079-0 modular terminals for explosive conditions are so-called explosion-proof components. Components are those parts and assemblies that are necessary for the safe operation of devices and protective systems without themselves fulfilling an autonomous function.
Components are not marked with the CE mark in accordance with the European ATEX directive 94/9/EG. EX terminal blocks are certified for the increased safety "e" ignition protection category.
The certifying body approved under the Directive RL 94/9/EC issue EC Type Approval Certificates in accordance with EN 60079-0/60079-7 and the ATEX Directive 94/9/EC. By issuing the 'Production Quality Assurance Notification' the approved certifying authority KEMA confirms that the manufacturer has fulfilled the requirements contained in the ATEX Directive in accordance with the Appendices IV and VII. Copies of the EC Type Approval Certificates, the notifying committee and the Declarations of Conformity are available via the Internet.

The clamping yoke, tension clamp, insulation displacement and the PUSH IN terminal block system offer increased protection against accidental loosening and have been designed in such a manner that the ends of flexible wire conductors need no preparation.





Marking
RL94/9EG: ⟨Ex⟩ II 2 G-D
⟨Ex⟩ Equipment for explosive conditions
II 2-G Equipment group II category 2 (Zone 1 equipment)
II 2-D Equipment group II category 2 (Zone 21 equipment)
EN 60079-7: Ex e II
Ex Explosion protection
e Increased safety
II Equipment group
KEMA 97ATEX4677U (example)
KEMA Notified body
ATEX Conformity with 94/9/EG
U Component

Certified for the European Directive 94/9/EG – ATEX –

Electrical data

The values for current-carrying capacity as stated in the catalogue are based on an ambient temperature of 40°C. When loaded with the rated current + 10%, the temperature of the current bar of the modular terminal may not rise more than 40 K.
Taking into account a further safety factor according to EN 60079-0, we reach the following definitions:

Temperature class	Ambient temperature
T6	-50 °C to +40 °C
T5 to T1	-50 °C to +55 °C

The permitted nominal current must be reduced accordingly if the actual ambient temperature is higher.
The continuous operating temperature to EN 60079-0 for the material KRG is 130 °C, for Wemid it is 120 °C and for the material PA it is 80 °C.

Accessories

The accessories listed can be used and included in the ATEX certification. Where necessary, end plates or partitions must be installed as described to ensure adherence to creepage and clearance distances for Ex e applications.

Design for Ex i

Terminals for intrinsically-safe circuits ("i") are passive components. Therefore, for use in intrinsically-safe circuits, you do not need an EC-standard examination certificate.
The blue terminals are recommended for clear labelling and easy recognition.
The construction type of these terminals must comply with EN 60079-11.

Additional information about using Weidmüller terminals in intrinsically-safe circuits can be requested from the manufacturer.

Accessories

The accessories listed can be used and comply with EN 60079-11.

Installation

The general statements regarding standard applications are also valid for Ex i applications. In particular, the Ex i requirements always apply to the entire circuit, i.e. also to parts in areas not at risk of explosion.

Clamping of two conductors in Ex e applications

For the terminals from our W-series, it is normally permitted to connect two wires per clamping position as long as this is permitted in accordance with the type test according to IEC 60947-7-1 or 60947-7-2. It is important to be sure that two of the same cross-sections are used below the rated cross-section.

Current-carrying capacity of cables and lines

Nominal currents			
Cross-sect.	VDE 0298 part 4 (IEC364-5-523) Current-carrying capacity of lines		EN 60079-7 Type of ignition "increased safety"
	Ambient temperature 30 °C Factor 1.0 Installation type C + 3 current-carrying wires PVC 70 °C	Umgebungstemp. 40 °C, Faktor 0.87 Verlegeart C + 3 bel. Adern PVC 70 °C	Connection terminals Ambient temperature 40 °C, 40 K temperature rise Current equivalent to the conductor connected
	A	A	A
1.5	17.5	15.225	15
2.5	24	20.88	21
4	32	27.84	28
6	41	35.67	36
10	57	49.59	50
16	76	66.12	66
25	101	87.87	88
35	125	108.75	109
50	150	130.5	131
70	192	167.04	167
95	232	201.84	202
120	269	234.03	234
150	309	268.83	267
185	353	307.11	307
240	415	361.05	361
300	520	452.4	452

The current-carrying capacity of cables and lines in the installation is defined by VDE 0298 part 4 as normal at an ambient temperature of 30 °C. At 40 °C the operating current must be reduced by a factor of 0.87.

ATEX directives

Since July 1, 2003, all new facilities in explosion risk zones must be certified according to ATEX Directive 94/9/EG or ATEX 95 (ATEX: ATmosphère EXplosive = explosive atmosphere). This directive is one of the "New-Approach" directives. It is valid in all European Union countries, as well as Iceland, Lichtenstein and Norway. In these countries, the directive refers to the sale and commissioning of products which have been designed particularly for high explosion risk environments (where explosive atmospheres exist due to gases, vapours, mists, or dusts). It now also covers the mining sector and purely mechanical devices.

Class of protection

Type of protection	Code	CENELEC EN	IEC	Product category explosion protect.
General requirements	–	60079-0	60079-0	–
Oil immersion	o	60079-6	60079-6	2
Pressurised apparatus	p	60079-2	60079-2	2
Powder filling	q	60079-5	60079-5	2
Flameproof enclosure	d	60079-1	60079-1	2
Increased safety	e	60079-7	60079-7	2
Intrinsic safety	ia	60079-11	60079-11	1
Intrinsic safety	ib	60079-11	60079-11	2
Intrinsic safety	ic	60079-11	60079-11	3
Type n (Ex n)	n	60079-15	60079-15	3
Encapsulation	m	60079-18	60079-18	2

Classification for potentially explosive areas

CENELEC classification IEC60079-10	Presence of potentially explosive atmosphere	Product category	US classification NEC 500	Combustible media
Zone 0	permanent, long-term	1G	Class I, Div 1	Gases, Vapours
Zone 20	or frequently	1D	Class II, Div 1	Dust
Zone 1	occasionally	2G	Class I, Div 1	Gases, Vapours
Zone 20		2D	Class II, Div 1	Dust
Zone 2	rarely and	3G	Class I, Div 2	Gases, Vapours
Zone 22	briefly	3D	Class II, Div 2	Dust

Explosion groups

Gas (e.g.)	CENELEC	NEC 500
Propane	IIA	D
Ethylene	IIB	C
Hydrogen	IIC	B
Acetylene	IIC	A
Methane (mining)	I	mining (MSHA)

Temperature classes

Max. surface temperatur (°C)	Temperature class CENELEC	Temperature class NEC 500-3
450	T1	T1
300	T2	T2
280	–	T2A
260	–	T2B
230	–	T2C
215	–	T2D
200	T3	T3
180	–	T3A
165	–	T3B
160	–	T3C
135	T4	T4
120	–	T4A
100	T5	T5
85	T6	T6

ATEX codes

Example of marking – modular terminal WDK 2.5 N

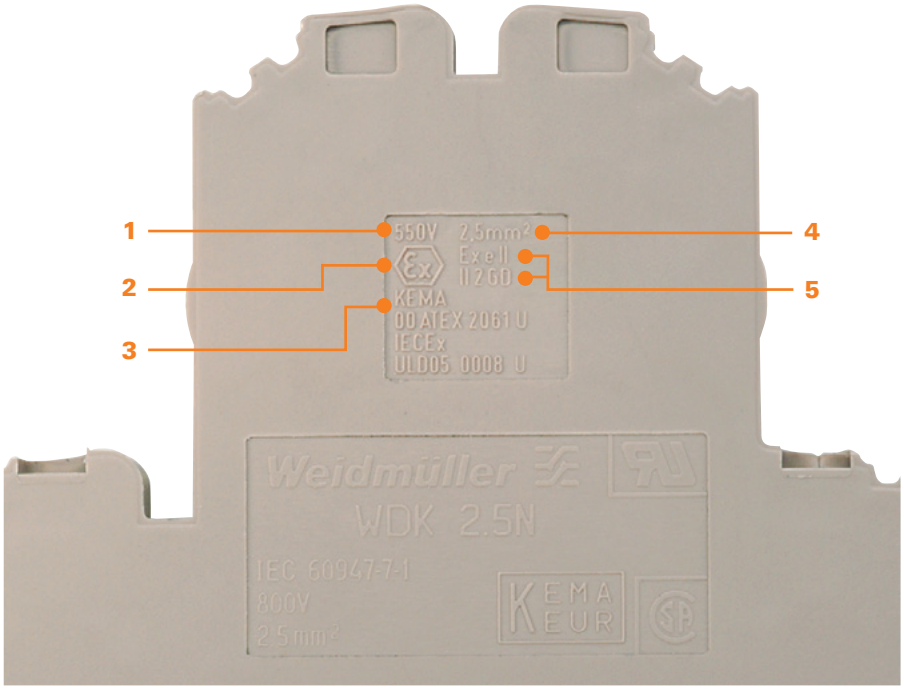
1 • Rated voltage

2 • European symbol for explosion protection.

3 • Certificate number

4 • Rated conductor cross-section

5 • CENELEC explosion protection type “e” – Group II (gases, vapours, mists)
- Device category 2 – Application in Zone 1 or 2
- Approval for applications in gases (“G”) or dusts (“D”).



ATEX cross-connection instructions

Current versions can be found in our online product catalogue

Maximum voltage

Range [1]	Certificate No.	Rated voltage	Rated current	Rated current with QV	Nominal cross-section	Maximum voltage / V (letters refer to the above diagrams)							
AKZ...		/ V	/ A	/ A	/ mm²	A	C	D	E	F	G	H	I
AKZ 1.5	SIRA 02ATEX3001 U	176	15	15	1.5	176	176	–	176	176	–	–	–
AKZ 2.5	SIRA 02ATEX3001 U	176	21	21	2.5	176	176	–	176	176	–	–	–
AKZ 4	SIRA 02ATEX3001 U	275	28	28	4	275	275	–	275	275	–	–	–
BK...													
BK 2/E ... BK 12/E	SIRA 01ATEX3247 U	275	28	25	4	176	–	–	–	–	–	–	–
DK 4 ...													
DK 4	SIRA 02ATEX3316 U	275	28	21	4	275	275	–	275	275	–	–	–
DK 4Ω	SIRA 02ATEX3316 U	275	28	21	4	275	275	–	275	275	–	–	–
DK 4QV	SIRA 02ATEX3316 U	275	28	21	4	275	275	–	275	275	–	–	–
I ... Series													
IDK 1.5N	KEMA 02ATEX2241 U	275	15	15	1.5	275	275	275	–	–	–	–	–
IDK 1.5N/V	KEMA 02ATEX2241 U	275	15	15	1.5	275	275	275	–	–	–	–	–
IDU 1.5N	KEMA 02ATEX2241 U	275	15	15	1.5	275	275	275	275	275	275	275	–
IDU 1.5N/2X2AN	KEMA 02ATEX2241 U	275	15	15	1.5	275	275	275	275	275	275	275	
IDU 1.5N/ZF	KEMA 02ATEX2241 U	275	15	15	1.5	275	275	275	275	275	275	275	–
IDU 1.5N/3AN/ZF	KEMA 02ATEX2241 U	275	15	15	1.5	275	275	275	275	275	275	275	
IDU 1.5N/ZB	KEMA 02ATEX2241 U	275	15	15	1.5	275	275	275	275	275	275	275	–
IDU 1.5N/3AN/ZB	KEMA 02ATEX2241 U	275	15	15	1.5	275	275	275	275	275	275	275	
IDU 2.5N	DEMKO 03ATEX134054 U	550	21	21	2.5	550	550	550	550	550	550	–	–
IDU 2.5N/3AN	DEMKO 03ATEX134054 U	550	21	21	2.5	550	550	550	550	550	550	–	–
IDU 2.5N/4AN	DEMKO 03ATEX134054 U	550	21	21	2.5	550	550	550	550	550	550	–	–
IDU 2.5N/2x2AN	DEMKO 03ATEX134054 U	550	21	21	2.5	550	550	550	550	550	550	–	–
IDU 2.5N/ZF	DEMKO 03ATEX134054 U	550	21	21	2.5	550	550	275	550	550	275	–	–
IDU 2.5N/ZB	DEMKO 03ATEX134054 U	550	21	21	2.5	550	550	275	550	550	275	–	–
MK ...													
MK 3/.../E	SIRA 01ATEX3248U	275	21	21	2.5	176	–	–	–	–	–	–	–
MK 6/.../E	SIRA 01ATEX3249U	440	36	36	6	275	–	–	–	–	–	–	–

[1] Please refer to the catalogue and the certificate for details of precisely which article is approved.

Maximum voltage

Range [1]	Certificate No.	Rated voltage	Rated current	Rated current with QV	Nominal cross-section	Maximum voltage / V (letters refer to the above diagrams)							
P ...		/ V	/ A	/ A	/ mm²	A	C	D	E	F	G	H	I
PDU 2.5/4	KEMA 06ATEX0177U	550	29	25.5	4	275	550	176	275	275	176	176	
PDU 2.5/4/3AN	KEMA 06ATEX0177U	550	29	25.5	4	275	550	176	275	275	176	176	
PDU 2.5/4/4AN	KEMA 06ATEX0177U	550	29	26.5	4	275	550	176	275	275	176	176	
PDU 6/10	KEMA 06ATEX0177U	550	37	26.5	6	550	550	275	550	550	–	220	
PDU 6/10/3AN	KEMA 06ATEX0177U	550	36.5	29.5	6	550	550	275	550	550	–	220	
PDU 16	KEMA 06ATEX0177U	550	59	57.5	16	275	550	–	275	275	–	110	
PEI 16	KEMA 06ATEX0177U	550	66.5	25 (37) [4]	16	275	–	–	–	–	–	–	
SAK ...TS 32/TS 35													
SAK 2.5	KEMA 97ATEX1798 U	550	21	21	2.5	550	550	176	550	550	–	–	–
SAK 4	KEMA 97ATEX1798 U	550	28	28	4	550	550	176	550	550	–	–	–
SAK 6N	KEMA 97ATEX1798 U	550	36	36	6	550	550	176	550	550	–	–	–
SAK 10	KEMA 97ATEX1798 U	550	50	50	10	550	550	176	550	550	–	–	–
SAK 16	KEMA 97ATEX1798 U	690	66	66	16	550	550	176	690	690	–	–	–
SAK 35	KEMA 97ATEX1798 U	550	109	99	35	550	550	176	550	550	–	–	–
SAK ... EN on TS32													
SAK 2.5 EN	KEMA 97ATEX1798 U	440	21	21	2.5	440	440	440	440	440	–	–	–
SAK 4 EN	KEMA 97ATEX1798 U	440	28	28	4	440	440	440	440	440	–	–	–
SAK 6N EN	KEMA 97ATEX1798 U	440	36	36	6	440	440	440	440	440	–	–	–
SAK 10 EN	KEMA 97ATEX1798 U	440	50	50	10	440	440	440	440	440	–	–	–
SAK 16 EN	KEMA 97ATEX1798 U	440	66	66	16	440	440	440	440	440	–	–	–
SAK 35 EN	KEMA 97ATEX1798 U	440	109	109	35	440	440	440	440	440	–	–	–
SAK ... EN on TS35													
SAK 2.5 EN	KEMA 97ATEX1798 U	690	21	21	2.5	690	690	440	690	690	–	–	–
SAK 4 EN	KEMA 97ATEX1798 U	690	28	28	4	690	690	690	690	690	–	–	–
SAK 6N EN	KEMA 97ATEX1798 U	690	36	36	6	690	690	690	690	690	–	–	–
SAK 10 EN	KEMA 97ATEX1798 U	690	50	50	10	690	690	690	690	690	–	–	–
SAK 16 EN	KEMA 97ATEX1798 U	690	66	66	16	690	690	690	690	690	–	–	–
SAK 35 EN	KEMA 97ATEX1798 U	690	109	109	35	690	690	690	690	690	–	–	–
SAK 4 EP/SAKH 6-35 EP													
SAK 4 EP/SW	KEMA05ATEX2061U	550	32	32	4	550	550	176	550	550	–		
SAKH 6 EP/SW	KEMA05ATEX2061U	1100	57	57	10	1100	1100	176	1100	1100	–		
SAKH 10 EP/SW	KEMA05ATEX2061U	1100	57	57	10	1100	1100	176	1100	1100	–		
SAKH 35 EP/SW	KEMA05ATEX2061U	1100	125	125	35	1100	1100	440	1100	1100	–		
SAKK ...													
SAKK 4	SIRA 03 ATEX3425 U	275	28	28	4	275	275	–	275	275	–		
SAKK 10	SIRA 03 ATEX3425 U	275	50	50	10	275	275	–	275	275	–		
W ...													
WDK 1.5/R3.5	KEMA 99ATEX6545 U	275	14	11	1.5	176	275	–	–	–	–	–	–
WDK 2.5	KEMA 98ATEX1687 U	275	21	21	2.5	275	275	60	275	275	60	–	–
WDK 2.5V	KEMA 98ATEX1687 U	275	21	21	2.5	275	275	60	275	275	60	–	–
WDK 2.5DU-PE	KEMA 98ATEX1687 U	275	21	21	2.5	275	275	60	275	275	60	–	–
WDK 2.5/EX	KEMA 98ATEX1687 U	440	24	22	2.5	440	440	176	440	440	176	–	–
WDK 2.5N	KEMA 00ATEX2061 U	550	21	21	2.5	550	550	275	550	550	275	–	–
WDK 2.5N V	KEMA 00ATEX2061 U	550	21	21	2.5	550	550	275	550	550	275	–	–
WDK 4N	KEMA 00ATEX2061 U	550	28	28	4	550	550	275	550	550	275	–	–
WDK 4N V	KEMA 00ATEX2061 U	550	28	28	4	550	550	275	550	550	275	–	–
WDU 1.5/ZZ	KEMA 98ATEX1685 U	550	15	15	1.5	550	550	110	550	550	110	110	–
WDU 2.5/1.5/ZR	KEMA 98ATEX1685 U	550	15	15	1.5	550	550	110	550	550	110	110	–
WDU 1.5/R3.5	KEMA 99ATEX6545 U	275	15	11	1.5	176	275	–	–	–	–	–	–
WDU 2.5N	KEMA 98ATEX1683 U	440	21	21	2.5	440	440	110	440	440	110	–	–
WDU 2.5	KEMA 98ATEX1683 U	550	21	21	2.5	550	550	110	440	550	110	110 [2]	60 [3]
WDU 4	KEMA 98ATEX1683 U	690	28	28	4	690	690	110	440	690	110	–	–
WDU 4N	TÜV 04ATEX2630 U	440	27	27	4	440	275	69	440	440	69	69	–
WDU 6	KEMA 98ATEX1683 U	550	36	36	6	550	550	110	440	550	110	–	–
WDU 10	KEMA 98ATEX1683 U	550	50	50	10	550	550	110	440	550	110	–	–
WDU 16	KEMA 98ATEX1683 U	690	66	66	16	690	690	110	690	690	110	–	–
WDU 35	KEMA 98ATEX1683 U	690	109	109	35	690	690	110	690	690	110	–	–
WDU 50N	KEMA 98ATEX1683 U	690	126	126	50	550	–	–	550	550	–	–	–
WDU 70N	KEMA 98ATEX1683 U	690	167	167	70	550	–	–	550	550	–	–	–
WDU 70/95	KEMA 98ATEX1686 U	690	202	202	95	690	–	–	690	690	–	–	–

[1] Please refer to the catalogue and the certificate for details of precisely which article is approved.
[4] For PDU2.5/4 and ZQV 2.5 cross-connection: 25 A; For PDU 6/10 and ZQV 6N cross-connection: 37 A

[2] The outer cross-connection openings must be used for type ZQV.
[3] Only possible with ZQV.

Maximum voltage

Range [1]	Certificate No.	Rated voltage	Rated current	Rated current with QV	Nominal cross-section	Maximum voltage / V (letters refer to the above diagrams)							
W...		/ V	/ A	/ A	/ mm²	A	C	D	E	F	G	H	I
WDU 95N/120N	KEMA 98ATEX1683 U	880	243	243	120	880	–		880	880	–	–	–
WDU 120/150	KEMA 98ATEX1686 U	1100	234	234	120	1100	–	–	1100	1100	–	–	–
WDU 240	KEMA 01ATEX2186 U	1100	350	270	240	–	–	–	–	–	–	–	–
WDU 4 SL	SIRA 02ATEX3242 U	275	28	28	4	275	275	176	275	275	176	176	–
WDU 6 SL	SIRA 02ATEX3242 U	275	36	36	6	275	275	176	275	275	176	176	–
WDU 10 SL	SIRA 02ATEX3242 U	275	50	50	10	275	275	176	275	275	176	176	–
Z ...													
ZDK 2.5/1.5	KEMA 97ATEX4677 U	275	18	18	2.5	275	275	275	275	275	275	–	–
ZDK 2.5/1.5V	KEMA 97ATEX4677 U	420	20	19	2.5	275	275	275	275	275	275	–	–
ZDK 2.5/1.5NDU	KEMA 97ATEX4677 U	275	20	20	2.5	275	275	275	275	275	275	–	–
ZDK 2.5/1.5NPE	KEMA 97ATEX4677 U	275	20	20	2.5	275	275	275	275	275	275	–	–
ZDK 2.5/1.5DU-PE	KEMA 97ATEX4677 U	275	20	20	2.5	275	275	275	275	275	275	–	–
ZDK 2.5-2	KEMA 97ATEX4677 U	550	20	18	2.5	440	440	275	440	440	275	–	–
ZDK 2.5-2V	KEMA 97ATEX4677 U	550	22	18	2.5	440	440	275	440	440	275	–	–
ZDK 2.5-2DU-PE	KEMA 97ATEX4677 U	550	20	18	2.5	440	440	275	440	440	275	–	–
ZDK 2.5/3AN	KEMA 06ATEX0271U	550	21.5	21	2.5	275	275	275	275	275	–	–	–
ZDK 2.5/3AN V	KEMA 06ATEX0271U	550	21	18.5	2.5	275	275	275	275	275	–	–	–
ZDK 2.5/3AN DU-PE	KEMA 06ATEX0271U	550	21	21	2.5	275	275	275	275	275	–	–	–
ZDU 1.5	KEMA 01ATEX2106 U	550	15	15	1.5	275	275	176	275	275	176	176	–
ZDU 1.5/3AN	KEMA 01ATEX2106 U	550	15	15	1.5	275	275	176	275	275	176	176	–
ZDU 1.5/4AN	KEMA 01ATEX2106 U	550	15	15	1.5	275	275	176	275	275	176	176	–
ZDU 2.5	KEMA 97ATEX2521 U	550	21	21	2.5	275	275	275	275	275	275	60	–
ZDU 2.5/3AN	KEMA 97ATEX2521 U	550	21	21	2.5	275	275	275	275	275	275	–	–
ZDU 2.5/4AN	KEMA 97ATEX2521 U	550	21	21	2.5	275	275	275	275	275	275	–	–
ZDU 2.5N	KEMA 06ATEX0271U	550	20.5	19	2.5	440	550	275	440	440	–	–	–
ZDU 2.5N/3AN	KEMA 06ATEX0271U	550	21.5	21	2.5	440	550	275	440	440	–	–	–
ZDU 2.5N/4AN	KEMA 06ATEX0271U	550	21	20	2.5	440	550	275	440	440	–	–	–
ZDU 4	KEMA 97ATEX2521 U	550	28	28	4	275	275	275	275	275	275	–	–
ZDU 4/3AN	KEMA 00ATEX2107 U	550	28	28	4	550	550	275	–	–	–	–	–
ZDU 4/4AN	KEMA 00ATEX2107 U	550	28	28	4	550	550	275	–	–	–	–	–
ZDU 6	KEMA 97ATEX2521 U	550	36	36	6	275	275	275	275	275	275	–	–
ZDU 6/3AN	KEMA 00ATEX2107 U	550	36	36	6	550	550	275	–	–	–	–	–
ZDU 10	KEMA 99ATEX5514 U	550	50	50	10	550	–	–	–	–	–	–	–
ZDU 10/3AN	KEMA 00ATEX2107 U	550	50	50	10	550	550	–	–	–	–	–	–
ZDU 16	KEMA 99ATEX5514 U	550	66	66	16	550	–	–	–	–	–	–	–
ZDU 35	KEMA 00ATEX2107 U	690	109	100	35	550	550	–	550	550	–	–	–
ZDU 2.5-2/2AN	KEMA 97ATEX4677 U	550	21	20	2.5	440	440	275	440	–	275	176	
ZDU 2.5-2/3AN	KEMA 97ATEX4677 U	550	21	21	2.5	440	440	275	440	–	275	176	–
ZDU 2.5-2/4AN	KEMA 97ATEX4677 U	550	21	21	2.5	440	440	275	440	–	275	176	–
ZDU 4-2/2AN	KEMA 97ATEX4677 U	550	28	26	4	440	440	275	440	–	275	110	–
ZDU 4-2/3AN	KEMA 97ATEX4677 U	550	28	26	4	440	440	275	440	–	275	110	–
ZDU 4-2/4AN	KEMA 97ATEX4677 U	550	28	26	4	440	440	275	440	–	275	110	–
ZDU 6-2/2AN	KEMA 97ATEX4677 U	550	36	30	6	440	440	110	440	–	110	–	–
ZDU 6-2/3AN	KEMA 97ATEX4677 U	550	36	36	6	440	440	110	440	–	110	–	–
ZDUA 2.5-2	KEMA 97ATEX4678 U	275	20	19	2.5	275	275	110	275	275	110	–	–

[1] Please refer to the catalogue and the certificate for details of precisely which article is approved.

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AP AKZ4 KRG	0294420000	D.158
AP AKZ4 KRS	0294430000	D.158
AP DLD2.5 DB	1784210000	D.157
AP DLD2.5/PE DB	1783800000	D.157
AP DLI2.5 DB	1783550000	D.157
AP KDKS1 DB	9532470000	D.34
AP MAK2.5 DB	7917000000	D.96
AP VLI1.5 DB	1784150000	D.96
AP VLI1.5/PE DB	1784160000	D.158
AP WMF2.5	1142990000	D.112
AP ZDTR2.5	1745420000	C.67
AP ZDTR2.5 BL	1798340000	C.131
AP ZRV1.5 DB	1698180000	C.131
AP ZRV2.5	1906980000	C.95
B		
BA RC ZPS2.5	1908560000	C.105
BA ZPS2.5	1908550000	C.105
BEST	1833100000	D.178
BEST/D	1878560000	D.178
BEST/DRBR	1878570000	D.178
BEZ-KARTE ADP	0566700000	F.15
BFEH 1/WSH	1082400000	E.9
BFSC M3X22 SAKT4	1319900000	D.72
BFSC M4X30	0267100000	F.4
BFSC M4X9T	0103300000	F.4
BFSC M5X8 Schlitz	0296700000	F.3
BK 12 CRN	0625320000	D.137
BK 12/E	7906100000	D.138
BK 2 CRN	0624720000	D.137
BK 2/E	7906040000	D.138
BK 3 CRN	0624920000	D.137
BK 3/E	7906060000	D.138
BK 4 CRN	0625120000	D.137
BK 4/E	7906080000	D.138
BK 6 CRN	0625220000	D.137
BK 6/E	7906090000	D.138
BLZ 5.08/04/180 SN OR BX	1526660000	D.100
BLZ 5.08/04/180B SN OR BX	1528960000	D.100
BLZ 5.08/06/180 SN OR BX	1526860000	D.100
BLZ 5.08/06/180B SN OR BX	1529160000	D.100
BLZ 5.08/08/180 SN OR BX	1527060000	D.100
BLZ 5.08/08/180B SN OR BX	1529360000	D.100
BLZ/SL KO SW	1545710000	D.100
BLZP 5.08/02/90 SN BK BX	1948240000	D.112
BLZP 5.08/02/90 SN OR BX	1948000000	D.112
BLZP 5.08/02/90F SN BK BX	1950040000	D.112
BLZP 5.08/02/90F SN OR BX	1949800000	D.112
BLZP 5.08/04/90 SN BK BX	1948260000	D.112
BLZP 5.08/04/90 SN OR BX	1948020000	D.112
BLZP 5.08/04/90F SN BK BX	1950060000	D.112
BLZP 5.08/04/90F SN OR BX	1949820000	D.112
BLZP 5.08/08/90 SN BK BX	1948300000	D.112
BLZP 5.08/08/90 SN OR BX	1948060000	D.112
BLZP 5.08/08/90F SN BK BX	1950100000	D.112
BLZP 5.08/08/90F SN OR BX	1949860000	D.112
BLZP 5.08/12/90 SN BK BX	1948340000	D.112
BLZP 5.08/12/90 SN OR BX	1948110000	D.112
BLZP 5.08/12/90F SN BK BX	1950140000	D.112
BLZP 5.08/12/90F SN OR BX	1949900000	D.112
BLZP 5.08/16/90 SN BK BX	1948380000	D.112
BLZP 5.08/16/90 SN OR BX	1948150000	D.112
BLZP 5.08/16/90F SN BK BX	1950180000	D.112
BLZP 5.08/16/90F SN OR BX	1949940000	D.112
BS 25 IH/BL SAKT1	0335400000	D.71
BS 25 IH/GE SAKT1	0335700000	D.71
BS 25 IH/GN SAKT1	0335600000	D.71
BS 25 IH/GR SAKT1	0335300000	D.71
BS 25 IH/RT SAKT1	0335500000	D.71
BS 25 IH/SW SAKT1	0335200000	D.71
BS 25 IH/VI SAKT1	0335800000	D.71
BS 25 O.IH SAKT1	0334700000	D.71
BS 35/WSH 2	1760720000	E.9
BS 35II KLBUE HOLDER	1723800000	E.12
BS 35II KLBUE2X3-8/2X2-6	1768020000	E.12
BS 35II KLBUE3-8	1723810000	E.12
BS 35II KLBUE3-8/2X2-6	1749430000	E.12
BS 35II/KLBUE 4-13.5	1723820000	E.12
BSTB 28/12 BK U 1-12	0198800000	D.137
BSTB 28/12 MK U 1-12	0245900000	D.134
BSTB 28/12/6.35 O 1-12	0278500000	D.134
BSTB 28/12/6.35 U 1-12	0245700000	D.134
BSTB 28/16 MK U 1-16	0262200000	D.135
BSTB 28/2 BK U 1-2	0203600000	D.137
BSTB 28/4 BK U 1-4	0197300000	D.137
BSTB 28/6 BK U 1-6	0197500000	D.137
BSTB 28/6 MK U 1-6	0290000000	D.134
BSTB 28/8 MK U 1-8	0290200000	D.134
BSTO 28/12 BK	0198700000	D.137
BSTO 28/12 MK	0245800000	D.134
BSTO 28/16 MK 4/16	0262100000	D.135
BSTO 28/2 BK	0203500000	D.137
BSTO 28/3 BK	0203700000	D.137
BSTO 28/4 BK	0197200000	D.137
BSTO 28/4 MK3/4	0289300000	D.134
BSTO 28/6 BK	0197400000	D.137
BSTO 28/6 MK	0289500000	D.134
BSTO 28/8 MK3/8	0284700000	D.134
BTWZ KLBUE	1742630000	E.11
BZT 1 WS 10/5	1805490000	F.30
BZT 1 ZA WS 10/5	1805520000	F.30
BZT 2 WS 10/5	1805480000	F.30
BZT 2 ZA WS 10/5	1805530000	F.30
BZT PRV16 BL 35X15	1267930000	B.40
BZT PRV16 BL 35X7.5	1267940000	B.40
BZT PRV16 SW 35X15	1173540000	B.40
BZT PRV16 SW 35X7.5	1173550000	B.40
BZT PRV4 BL 35X15	1267980000	B.38
BZT PRV4 BL 35X7.5	1267990000	B.38
BZT PRV4 SW 35X15	1173590000	B.38
BZT PRV4 SW 35X7.5	1173600000	B.38
BZT PRV8 BL 35X15	1267950000	B.39
BZT PRV8 BL 35X7.5	1267970000	B.39
BZT PRV8 SW 35X15	1173570000	B.39
BZT PRV8 SW 35X7.5	1173580000	B.39
BZT ZTL6	1781140000	C.68
BZT ZVL1.5	1676610000	C.111
BZT ZVL1.5/0.ZA	1676620000	C.111
C		
CleanUnit PrintJet II	1858950000	F.36
CRIMP-SET PZ 16	9025850000	B.53
CRIMP-SET PZ 6 ROTO	9028680000	B.53
CROSS-KEY MASTER	9918150000	F.63
CROSS-KEY UNIVERSAL	9918130000	F.63
CROSS-KEY UNIVERSAL S	9918140000	F.63
CTI 6	9006120000	F.65
CTI 6 G	9202850000	F.65
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D 2 MK5/2 PA/NA	0244060000	D.136
D10 KS10 TP	0141800000	D.136
D2 KS2 TP	0134500000	D.136
D4 KS4 TP	0140500000	D.136
D6 KS6 TP	0140800000	D.136
DEK 5 BL NEUTRAL	0473391693	F.21
DEK 5 BR NEUTRAL	0473391692	F.21
DEK 5 FS 1-50	0473560001	F.21
DEK 5 FS 101-150	0473560101	F.21
DEK 5 FS 151-200	0473560151	F.21
DEK 5 FS 201-250	0473560201	F.21
DEK 5 FS 251-300	0473560251	F.21
DEK 5 FS 301-350	0473560301	F.21
DEK 5 FS 351-400	0473560351	F.21
DEK 5 FS 401-450	0473560401	F.21
DEK 5 FS 451-500	0473560451	F.21
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DEK 5 GS ERDE IM KREIS	0157261203	F.21
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DEK 5 GS G	0132961027	F.21
DEK 5 GS H	0132961028	F.21
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DEK 5 GS J	0132961030	F.21
DEK 5 GS K	0132961031	F.21
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DEK 5 GS V	0132961042	F.21
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DEK 5 GW 91	0522660091	F.21
DEK 5 GW 92	0522660092	F.21
DEK 5 GW 93	0522660093	F.21
DEK 5 GW 94	0522660094	F.21

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DEK 5 GW 95	0522660095	F.21
DEK 5 GW 96	0522660096	F.21
DEK 5 GW 97	0522660097	F.21
DEK 5 GW 98	0522660098	F.21
DEK 5 GW 99	0522660099	F.21
DEK 5 GW A	0522761021	F.22
DEK 5 GW B	0522761022	F.22
DEK 5 GW BL/SW -	0576291741	F.22
DEK 5 GW C	0522761023	F.22
DEK 5 GW D	0522761024	F.22
DEK 5 GW E	0522761025	F.22
DEK 5 GW ERDE	0576261202	F.22
DEK 5 GW ERDE I.KR.	0576261203	F.22
DEK 5 GW F	0522761026	F.22
DEK 5 GW G	0522761027	F.22
DEK 5 GW H	0522761028	F.22
DEK 5 GW I	0522761029	F.22
DEK 5 GW J	0522761030	F.22
DEK 5 GW K	0522761031	F.22
DEK 5 GW L	0522761032	F.22
DEK 5 GW L1	0522361075	F.22
DEK 5 GW L2	0522361076	F.22
DEK 5 GW L3	0522361077	F.22
DEK 5 GW M	0522761033	F.22
DEK 5 GW Mp	0537261235	F.22
DEK 5 GW N	0522761034	F.22
DEK 5 GW O	0522761035	F.22
DEK 5 GW P	0522761036	F.22
DEK 5 GW PE	0537261187	F.22
DEK 5 GW PEN	0537261188	F.22
DEK 5 GW Q	0522761037	F.22
DEK 5 GW R	0522761038	F.22
DEK 5 GW RT/SW +	0576291737	F.22
DEK 5 GW S	0522761039	F.22
DEK 5 GW T	0522761040	F.22
DEK 5 GW U	0522761041	F.22
DEK 5 GW V	0522761042	F.22
DEK 5 GW W	0522761043	F.22
DEK 5 GW W-STROM	0576261215	F.22
DEK 5 GW X	0522761044	F.22
DEK 5 GW Y	0522761045	F.22
DEK 5 GW Z	0522761046	F.22
DEK 5 NEUTRAL	0473360000	F.22
DEK 5 OR NEUTRAL	0473391690	F.22
DEK 5 RT NEUTRAL	0473391686	F.22
DEK 5 SW NEUTRAL	0473391694	F.22
DEK 5 VI NEUTRAL	0473391689	F.22
DEK 5/3,5 MC bedruckt	1767730000	F.25
DEK 5/3,5 MC FSZ 1-10	1762320001	F.22
DEK 5/3,5 MC FSZ 101-110	1762320101	F.22
DEK 5/3,5 MC FSZ 11-20	1762320011	F.22
DEK 5/3,5 MC FSZ 111-120	1762320111	F.22
DEK 5/3,5 MC FSZ 121-130	1762320121	F.22
DEK 5/3,5 MC FSZ 131-140	1762320131	F.22
DEK 5/3,5 MC FSZ 141-150	1762320141	F.22
DEK 5/3,5 MC FSZ 21-30	1762320021	F.22
DEK 5/3,5 MC FSZ 31-40	1762320031	F.22
DEK 5/3,5 MC FSZ 41-50	1762320041	F.22
DEK 5/3,5 MC FSZ 51-60	1762320051	F.22
DEK 5/3,5 MC FSZ 61-70	1762320061	F.22
DEK 5/3,5 MC FSZ 71-80	1762320071	F.22
DEK 5/3,5 MC FSZ 81-90	1762320081	F.22
DEK 5/3,5 MC FSZ 91-100	1762320091	F.22
DEK 5/3,5 MC GW 0	1755281000	F.22
DEK 5/3,5 MC GW 1	1755280001	F.22
DEK 5/3,5 MC GW 2	1755280002	F.22
DEK 5/3,5 MC GW 3	1755280003	F.22
DEK 5/3,5 MC GW 4	1755280004	F.22
DEK 5/3,5 MC GW 5	1755280005	F.22
DEK 5/3,5 MC GW 6	1755280006	F.22
DEK 5/3,5 MC GW 7	1755280007	F.22
DEK 5/3,5 MC GW 8	1755280008	F.22
DEK 5/3,5 MC GW 9	1755280009	F.22
DEK 5/3,5 MC NEUTRAL	1755270000	F.25
DEK 5/30 MC NEUTRAL	1951920000	F.33
DEK 5/30 MC SDR	1025680000	F.33
DEK 5/5 MC BEDRUCKT	1609810000	F.25
DEK 5/5 MC-10 NEUT. BL	1609801693	F.25
DEK 5/5 MC-10 NEUT. GE	1609801687	F.25
DEK 5/5 MC-10 NEUT. GN	1609801688	F.25
DEK 5/5 MC-10 NEUT. GR	1609801691	F.25
DEK 5/5 MC-10 NEUT. RT	1609801686	F.25
DEK 5/5 MC-10 NEUT. WS	1609801044	F.25
DEK 5/5 PLUS MC GE	1907520000	F.25
DEK 5/5 PLUS MC NEUTRAL	1854490000	F.25
DEK 5/5 PLUS MC SONDERDR.	1854500000	F.25
DEK 5/6 MC BEDRUCKT	1609830000	F.25
DEK 5/6 MC NEUTRAL	1609820000	F.25
DEK 5/6 PLUS MC NE WS	1011320000	F.25
DEK 5/6 PLUS MC SDR	1038650000	F.25
DEK 5/6,5 MC BEDRUCKT	1609850000	F.25
DEK 5/6,5 MC NEUTRAL	1609840000	F.25
DEK 5/6.5 PLUS MC NE WS	1046340000	F.25
DEK 5/6.5 PLUS MC SDR	1046360000	F.25
DEK 5/7.5 MC NEUTRAL	1720620000	F.25
DEK 5/7.5 MC SONDERDR.	1770490000	F.25
DEK 5/8 MC Neutral	1856740000	F.25
DEK 5/8 MC Sonderdruck	1856750000	F.25
DEK 5/8 PLUS MC NE WS	1046350000	F.25

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DEK 5/8 PLUS MC SDR	1046370000	F.25
DEK 6 BL NEUTRAL	0468591693	F.22
DEK 6 BR NEUTRAL	0468591692	F.22
DEK 6 FS 1-50	0468760001	F.22
DEK 6 FS 101-150	0468760101	F.22
DEK 6 FS 151-200	0468760151	F.22
DEK 6 FS 201-250	0468760201	F.22
DEK 6 FS 251-300	0468760251	F.22
DEK 6 FS 301-350	0468760301	F.22
DEK 6 FS 351-400	0468760351	F.22
DEK 6 FS 401-450	0468760401	F.22
DEK 6 FS 451-500	0468760451	F.22
DEK 6 FS 501-550	0468760501	F.22
DEK 6 FS 51-100	0468760051	F.22
DEK 6 FS 551-600	0468760551	F.22
DEK 6 FS 601-650	0468760601	F.22
DEK 6 FS 651-700	0468760651	F.22
DEK 6 FS 701-750	0468760701	F.22
DEK 6 FS 751-800	0468760751	F.22
DEK 6 FS 801-850	0468760801	F.22
DEK 6 FS 851-900	0468760851	F.22
DEK 6 FS 901-950	0468760901	F.22
DEK 6 FS 951-999	0468760951	F.22
DEK 6 FSZ 1-10	0133360001	F.22
DEK 6 FSZ 11-20	0133360011	F.22
DEK 6 FSZ 21-30	0133360021	F.22
DEK 6 FSZ 31-40	0133360031	F.22
DEK 6 FSZ 41-50	0133360041	F.22
DEK 6 FSZ 51-60	0133360051	F.22
DEK 6 FSZ 61-70	0133360061	F.22
DEK 6 FSZ 71-80	0133360071	F.22
DEK 6 FSZ 81-90	0133360081	F.22
DEK 6 FSZ 91-100	0133360091	F.22
DEK 6 FW 1-5 (10X)	0688660000	F.22
DEK 6 FW 1-50	0468660001	F.22
DEK 6 FW 1,3,5...99	1358660000	F.22
DEK 6 FW 101-150	0468660101	F.22
DEK 6 FW 151-200	0468660151	F.22
DEK 6 FW 2,4,...100	1358760000	F.22
DEK 6 FW 201-250	0468660201	F.22
DEK 6 FW 251-300	0468660251	F.22
DEK 6 FW 301-350	0468660301	F.22
DEK 6 FW 351-400	0468660351	F.22
DEK 6 FW 401-450	0468660401	F.22
DEK 6 FW 451-500	0468660451	F.22
DEK 6 FW 501-550	0468660501	F.22
DEK 6 FW 51-100	0468660051	F.22
DEK 6 FW 551-600	0468660551	F.22
DEK 6 FW 601-650	0468660601	F.22
DEK 6 FW 651-700	0468660651	F.22
DEK 6 FW 701-750	0468660701	F.22
DEK 6 FW 751-800	0468660751	F.22
DEK 6 FW 801-850	0468660801	F.22
DEK 6 FW 851-900	0468660851	F.22
DEK 6 FW 901-950	0468660901	F.22
DEK 6 FW 951-999	0468660951	F.22
DEK 6 FW L,N,PE	0632560000	F.22
DEK 6 FWZ 1-10	0518960001	F.22
DEK 6 FWZ 101-110	0518960101	F.22
DEK 6 FWZ 11-20	0518960011	F.22
DEK 6 FWZ 111-120	0518960111	F.22
DEK 6 FWZ 121-130	0518960121	F.22
DEK 6 FWZ 131-140	0518960131	F.22
DEK 6 FWZ 141-150	0518960141	F.22
DEK 6 FWZ 151-160	0518960151	F.22
DEK 6 FWZ 161-170	0518960161	F.22
DEK 6 FWZ 171-180	0518960171	F.22
DEK 6 FWZ 181-190	0518960181	F.22
DEK 6 FWZ 191-200	0518960191	F.22
DEK 6 FWZ 201-210	0518960201	F.22
DEK 6 FWZ 21-30	0518960021	F.22
DEK 6 FWZ 31-40	0518960031	F.22
DEK 6 FWZ 41-50	0518960041	F.22
DEK 6 FWZ 51-60	0518960051	F.22
DEK 6 FWZ 61-70	0518960061	F.22
DEK 6 FWZ 71-80	0518960071	F.22
DEK 6 FWZ 81-90	0518960081	F.22
DEK 6 FWZ 91-100	0518960091	F.22
DEK 6 FWZ L1-ERDE I.KRE	0631961203	F.22
DEK 6 FWZ L1-PE	0631961187	F.22
DEK 6 FWZ R,S,T,N,ERDE	0631860000	F.22
DEK 6 GE NEUTRAL	0468591687	F.22
DEK 6 GN NEUTRAL	0468591688	F.22
DEK 6 GR NEUTRAL	0468591691	F.22
DEK 6 GW -	1318061199	F.23
DEK 6 GW +	1318061198	F.23
DEK 6 GW 0	0526961000	F.22
DEK 6 GW 1	0526960001	F.22
DEK 6 GW 10	0526960010	F.22
DEK 6 GW 100	0526960100	F.23
DEK 6 GW 11	0526960011	F.22
DEK 6 GW 12	0526960012	F.22
DEK 6 GW 13	0526960013	F.22
DEK 6 GW 14	0526960014	F.22
DEK 6 GW 15	0526960015	F.22
DEK 6 GW 16	0526960016	F.22
DEK 6 GW 17	0526960017	F.22
DEK 6 GW 18	0526960018	F.22
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DEK 6 GW 2	0526960002	F.22
DEK 6 GW 20	0526960020	F.22
DEK 6 GW 21	0526960021	F.22
DEK 6 GW 22	0526960022	F.22
DEK 6 GW 23	0526960023	F.22
DEK 6 GW 24	0526960024	F.22
DEK 6 GW 25	0526960025	F.22
DEK 6 GW 26	0526960026	F.22
DEK 6 GW 27	0526960027	F.22
DEK 6 GW 28	0526960028	F.22
DEK 6 GW 29	0526960029	F.22
DEK 6 GW 3	0526960003	F.22
DEK 6 GW 30	0526960030	F.22
DEK 6 GW 31	0526960031	F.22
DEK 6 GW 32	0526960032	F.22
DEK 6 GW 33	0526960033	F.22
DEK 6 GW 34	0526960034	F.22
DEK 6 GW 35	0526960035	F.22
DEK 6 GW 36	0526960036	F.22
DEK 6 GW 37	0526960037	F.22
DEK 6 GW 38	0526960038	F.22
DEK 6 GW 39	0526960039	F.22
DEK 6 GW 4	0526960004	F.22
DEK 6 GW 40	0526960040	F.22
DEK 6 GW 41	0526960041	F.22
DEK 6 GW 42	0526960042	F.22
DEK 6 GW 43	0526960043	F.22
DEK 6 GW 44	0526960044	F.22
DEK 6 GW 45	0526960045	F.22
DEK 6 GW 46	0526960046	F.22
DEK 6 GW 47	0526960047	F.22
DEK 6 GW 48	0526960048	F.22
DEK 6 GW 49	0526960049	F.22
DEK 6 GW 5	0526960005	F.22
DEK 6 GW 50	0526960050	F.22
DEK 6 GW 51	0526960051	F.22
DEK 6 GW 52	0526960052	F.22
DEK 6 GW 53	0526960053	F.22
DEK 6 GW 54	0526960054	F.22
DEK 6 GW 55	0526960055	F.22
DEK 6 GW 56	0526960056	F.22
DEK 6 GW 57	0526960057	F.22
DEK 6 GW 58	0526960058	F.22
DEK 6 GW 59	0526960059	F.22
DEK 6 GW 6	0526960006	F.22
DEK 6 GW 60	0526960060	F.22
DEK 6 GW 61	0526960061	F.22
DEK 6 GW 62	0526960062	F.22
DEK 6 GW 63	0526960063	F.22
DEK 6 GW 64	0526960064	F.22
DEK 6 GW 65	0526960065	F.22
DEK 6 GW 66	0526960066	F.22
DEK 6 GW 67	0526960067	F.22
DEK 6 GW 68	0526960068	F.22
DEK 6 GW 69	0526960069	F.22
DEK 6 GW 7	0526960007	F.22
DEK 6 GW 70	0526960070	F.22
DEK 6 GW 71	0526960071	F.22
DEK 6 GW 72	0526960072	F.22
DEK 6 GW 73	0526960073	F.22
DEK 6 GW 74	0526960074	F.22
DEK 6 GW 75	0526960075	F.22
DEK 6 GW 76	0526960076	F.22
DEK 6 GW 77	0526960077	F.22
DEK 6 GW 78	0526960078	F.22
DEK 6 GW 79	0526960079	F.22
DEK 6 GW 8	0526960008	F.22
DEK 6 GW 80	0526960080	F.22
DEK 6 GW 81	0526960081	F.22
DEK 6 GW 82	0526960082	F.22
DEK 6 GW 83	0526960083	F.22
DEK 6 GW 84	0526960084	F.22
DEK 6 GW 85	0526960085	F.22
DEK 6 GW 86	0526960086	F.22
DEK 6 GW 87	0526960087	F.22
DEK 6 GW 88	0526960088	F.22
DEK 6 GW 89	0526960089	F.22
DEK 6 GW 9	0526960009	F.22
DEK 6 GW 90	0526960090	F.22
DEK 6 GW 91	0526960091	F.22
DEK 6 GW 92	0526960092	F.22
DEK 6 GW 93	0526960093	F.22
DEK 6 GW 94	0526960094	F.22
DEK 6 GW 95	0526960095	F.23
DEK 6 GW 96	0526960096	F.23
DEK 6 GW 97	0526960097	F.23
DEK 6 GW 98	0526960098	F.23
DEK 6 GW 99	0526960099	F.23
DEK 6 GW BL/SW -	1318091741	F.23
DEK 6 GW ERDE	1318061202	F.23
DEK 6 GW ERDE I.KR.	1318061203	F.23
DEK 6 GW PE	1318061187	F.23
DEK 6 GW RT/SW +	1318091737	F.23
DEK 6 NEUTRAL	0468560000	F.23
DEK 6 OR NEUTRAL	0468591690	F.23
DEK 6 RT NEUTRAL	0468591686	F.23
DEK 6 SW NEUTRAL	0468591694	F.23
DEK 6 VI NEUTRAL	0468591689	F.23
DEK 6,5 FS 1-50	0468260001	F.23

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DEK 6,5 FS 101-150	0468260101	F.23
DEK 6,5 FS 51-100	0468260051	F.23
DEK 6,5 FSZ 1-10	0407360001	F.23
DEK 6,5 FSZ 11-20	0407360011	F.23
DEK 6,5 FSZ 21-30	0407360021	F.23
DEK 6,5 FSZ 31-40	0407360031	F.23
DEK 6,5 FSZ 41-50	0407360041	F.23
DEK 6,5 FSZ 51-60	0407360051	F.23
DEK 6,5 FSZ 61-70	0407360061	F.23
DEK 6,5 FSZ 71-80	0407360071	F.23
DEK 6,5 FSZ 81-90	0407360081	F.23
DEK 6,5 FSZ 91-100	0407360091	F.23
DEK 6,5 FW 1-50	0468160001	F.23
DEK 6,5 FW 101-150	0468160101	F.23
DEK 6,5 FW 151-200	0468160151	F.23
DEK 6,5 FW 201-250	0468160201	F.23
DEK 6,5 FW 251-300	0468160251	F.23
DEK 6,5 FW 301-350	0468160301	F.23
DEK 6,5 FW 351-400	0468160351	F.23
DEK 6,5 FW 401-450	0468160401	F.23
DEK 6,5 FW 451-500	0468160451	F.23
DEK 6,5 FW 501-550	0468160501	F.23
DEK 6,5 FW 51-100	0468160051	F.23
DEK 6,5 FW L1-ERDE I.KR	0632161203	F.23
DEK 6,5 FW L1-PE	0632161187	F.23
DEK 6,5 FWZ 1-10	0519060001	F.23
DEK 6,5 FWZ 11-20	0519060011	F.23
DEK 6,5 FWZ 21-30	0519060021	F.23
DEK 6,5 FWZ 31-40	0519060031	F.23
DEK 6,5 FWZ 41-50	0519060041	F.23
DEK 6,5 FWZ 51-60	0519060051	F.23
DEK 6,5 FWZ 61-70	0519060061	F.23
DEK 6,5 FWZ 71-80	0519060071	F.23
DEK 6,5 FWZ 81-90	0519060081	F.23
DEK 6,5 FWZ 91-100	0519060091	F.23
DEK 6,5 FWZ R,S,T,N,ERD	0632060000	F.23
DEK 6.5 BL NEUTRAL	0468091693	F.23
DEK 6.5 GE NEUTRAL	0468091687	F.23
DEK 6.5 GN NEUTRAL	0468091688	F.23
DEK 6.5 NEUTRAL	0468060000	F.23
DEK 6.5 OR NEUTRAL	0468091690	F.23
DEK 6.5 RT NEUTRAL	0468091686	F.23
DEK 6.5 SW NEUTRAL	0468091694	F.23
DEK 6.5 VI NEUTRAL	0468091689	F.23
DEK 8 BEDR./FARBIG	1289690000	F.23
DEK 8 FS 1-50 TAMPOPR.	1653350001	F.23
DEK 8 FS 51-100 TAMPOP.	1653350051	F.23
DEK 8 FSZ 1-10	1289660001	F.23
DEK 8 FSZ 11-20	1289660011	F.23
DEK 8 FSZ 21-30	1289660021	F.23
DEK 8 FSZ 31-40	1289660031	F.23
DEK 8 FSZ 41-50	1289660041	F.23
DEK 8 FSZ 51-60	1289660051	F.23
DEK 8 FSZ 61-70	1289660061	F.23
DEK 8 FSZ 71-80	1289660071	F.23
DEK 8 FSZ 81-90	1289660081	F.23
DEK 8 FSZ 91-100	1289660091	F.23
DEK 8 FW 1-50 TAMPOPR.	1653340001	F.23
DEK 8 FW 51-100 TAMPOP.	1653340051	F.23
DEK 8 FWZ 1-10	1276960001	F.23
DEK 8 FWZ 101-110	1276960101	F.23
DEK 8 FWZ 11-20	1276960011	F.23
DEK 8 FWZ 111-120	1276960111	F.23
DEK 8 FWZ 121-130	1276960121	F.23
DEK 8 FWZ 131-140	1276960131	F.23
DEK 8 FWZ 141-150	1276960141	F.23
DEK 8 FWZ 21-30	1276960021	F.23
DEK 8 FWZ 31-40	1276960031	F.23
DEK 8 FWZ 41-50	1276960041	F.23
DEK 8 FWZ 51-60	1276960051	F.23
DEK 8 FWZ 61-70	1276960061	F.23
DEK 8 FWZ 71-80	1276960071	F.23
DEK 8 FWZ 81-90	1276960081	F.23
DEK 8 FWZ 91-100	1276960091	F.23
DEK 8 GE NEUTRAL	1277091687	F.23
DEK 8 GN NEUTRAL	1277091688	F.23
DEK 8 NEUTRAL	1277060000	F.23
DEK 8 OR NEUTRAL	1277091690	F.23
DEK 8 RT NEUTRAL	1277091686	F.23
DEK 8 SONDERDR.WEISS	1326660000	F.23
DEK 8 VI NEUTRAL	1277091689	F.23
DFFC .5-1.0 ZRV1.5	1705320000	C.94
DFFC 0.2-0.35 ZRV1.5	1705310000	C.94
DKSUE NSCH/ESCH	0280100000	F.3
DLA 2.5 DB	1783560000	D.94
DLA 2.5/D DB	1783590000	D.94
DLA 2.5/LD-GN/D DB	1783630000	D.95
DLA 2.5/LD-RT DB	1783600000	D.95
DLD 2.5 DB	1784180000	D.92
DLD 2.5/PE DB	1783790000	D.92
DLI 2.5 DB	1783820000	D.93
DLI 2.5/LD-GN/NPN -+ DB	1783940000	D.93
DLI 2.5/LD-GN/PNP +- DB	1783970000	D.93
DLI 2.5/LD-RT/NPN -+ DB	1783950000	D.93
DLI 2.5/LD-RT/PNP +- DB	1783980000	D.93
DMS 3	9007440000	F.64
DMS 3 SET 1	9007470000	F.64
DMS 3 SET 2	9007480000	F.64
DMS MANUELL 0,5-1,7	9918370000	F.61
DMS MANUELL 2,0-8,0	9918380000	F.61
DMSI MANUELL 0,5-1,7	9918390000	F.62
DMSI MANUELL 2,0-8,0	9918400000	F.62
DS 13.5 WTL6/4FF	1897000000	D.76

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E 14/16A GR	0328500000	D.52
E 14/2A RS	0137400000	D.48
E 14/4A BR	0137500000	D.48
E 14/6A GN	0328300000	D.48
E 16/10A RT TNDZ	0208500000	D.48
E 16/16A GR TNDZ	0208600000	D.48
E 16/20A BL TNDZ	0208700000	D.48
E 16/25A GE TNDZ	0208800000	D.48
E 18/20A BL	0361300000	D.49
E 18/25A GE	0361400000	D.49
E 18/35A SW	0361500000	D.49
E 18/50A WS	0361600000	D.52
E 18/63A KU	0361700000	D.52
ELS 16/40 MC GE	1045630000	F.31
ELS 16/40 MC SDR	1045690000	F.32
ELS 16/40 MC WS	1045620000	F.31
ELS 6/30 MC GE	1045580000	F.32
ELS 6/30 MC SDR	1045660000	F.32
ELS 6/30 MC WS	1045570000	F.32
ELS 7/40 MC GE	1045650000	F.31
ELS 7/40 MC SDR	1045700000	F.32
ELS 7/40 MC WS	1045640000	F.31
ELSB 10 BEZ. 1-10	0143500000	D.136
ELSB 2 BEZ. 1-2	0143200000	D.136
EM 8/30	1806120000	F.33
EMC-CONTACT	1067520000	E.14
EMC-SET	1067470000	E.14
EMC-TIE	1067490000	E.14
ERME 10^2 SPX 4	1119030000	F.48
ERME 16^2 SPX 4	1119040000	F.48
ERME AM 16	9204260000	F.47
ERME AMF 6/10	9204250000	F.47
ERME KT 45 R	9204270000	F.46
ERME KT 55	9204280000	F.46
ERSATZMESSER STRIPAX PL	9050340000	F.49
ESCH 1 M	0280300000	F.3
ESO 15 BOGEN DIN A4	1636510000	F.34
ESO 5 DIN A4 GELB BOG.	1631350000	F.31
ESO 5 DIN A4 WEISS BOG.	1607710000	F.31
ESO 5 POLY.GELB A4-BOG.	1670380000	F.31
ESO 5 POLY.WEISS A4-BOG.	1670370000	F.31
ESO 5 S DIN A4-BOGEN	1631920000	F.31
ESO 7 A4-BOGEN GELB	1634780000	F.31
ESO 7 A4-BOGEN WEISS	1607720000	F.31
ESO 7 POLY.GELB A4-BOG.	1670400000	F.31
ESO 7 POLY.WEISS A4-BOG.	1670390000	F.31
ETA 1170 21 10A	1278790000	C.63
ETA 1170 21 15A	1278810000	C.63
ETA 1170 21 20A	1278820000	C.63
ETA 1170 21 25A	1278830000	C.63
ETA 1170 21 3A	1278730000	C.63
ETA 1170 21 4A	1278740000	C.63
ETA 1170 21 5A	1278750000	C.63
ETA 1170 21 6A	1278760000	C.63
ETA 1170 21 7.5A	1278770000	C.63
ETA 1170 21 8A	1278780000	C.63
ETA 1180 01 0.1A	1278840000	C.64
ETA 1180 01 0.25A	1278860000	C.64
ETA 1180 01 0.2A	1278850000	C.64
ETA 1180 01 0.3A	1278870000	C.64
ETA 1180 01 0.4A	1278880000	C.64
ETA 1180 01 0.5A	1278910000	C.64
ETA 1180 01 0.6A	1278920000	C.64
ETA 1180 01 0.7A	1278930000	C.64
ETA 1180 01 0.8A	1278940000	C.64
ETA 1180 01 1.5A	1278960000	C.64
ETA 1180 01 10A	1279070000	C.64
ETA 1180 01 1A	1278950000	C.64
ETA 1180 01 2.5A	1278980000	C.64
ETA 1180 01 2A	1278970000	C.64
ETA 1180 01 3.5A	1279010000	C.64
ETA 1180 01 3A	1278990000	C.64
ETA 1180 01 4A	1279020000	C.64
ETA 1180 01 5A	1279030000	C.64
ETA 1180 01 6A	1279040000	C.64
ETA 1180 01 7A	1279050000	C.64
ETA 1180 01 8A	1279060000	C.64
EW 15	0382860000	F.12
EW 15/2	1071900000	F.12
EW 35	0383560000	F.12
EW 35 DB	1269050000	F.12
EW 35 GR 7032	0383530000	F.12
EW 35/SCHA/M3	0258660000	D.76
EWK 1	0206160000	F.12
EWK 2	0199360000	F.12

F

Type	Order No.	Page
FEKO ET ZRV2.5 0.2-0.35	1893940000	C.95
FEKO ET ZRV2.5 0.5-1	1893970000	C.95
FEKO ET ZRV2.5 1.5-2.5	1893990000	C.95
FEKO ZRV2.5 0.2-0.35	1854750000	C.95
FEKO ZRV2.5 0.5-1	1854760000	C.95
FEKO ZRV2.5 1.5-2.5	1848480000	C.95
FKSC M5X8 D9/SW2.5	0295900000	F.13
FKSC M6X12 D9/SW3	0353500000	F.13
FKSC M6X8 D9/SW3	0642600000	F.13
FM 4.2/TS35	1724580000	F.14
FM 4/TS35	0687900000	F.14
FM 5/TS35	0636800000	F.14
FM 6/TS35	0636900000	F.14
FUCR 10-36V SW	1167640000	D.112
FUCR 100-250V SW	1167680000	D.112
FUCR 30-70V SW	1167650000	D.112
FUCR 60-150V SW	1167670000	D.112
FUCR SW	1167630000	D.112
FUSE 1KV DC 10A 10/38	1224910000	D.47
FUSE 1KV DC 12A 10/38	1224920000	D.47
FUSE 1KV DC 16A 10/38	1224930000	D.47
FUSE 1KV DC 20A 10/38	1224950000	D.47
FUSE 1KV DC 2A 10/38	1224870000	D.47
FUSE 1KV DC 4A 10/38	1224880000	D.47
FUSE 1KV DC 6A 10/38	1224890000	D.47
FUSE 1KV DC 8A 10/38	1224900000	D.47

G

Type	Order No.	Page
G 20/0.10A/F	0430300000	C.65
G 20/0.20A/F	0430400000	C.65
G 20/0.25A/F	0430500000	C.65
G 20/0.50A/F	0430600000	C.65
G 20/0.63A/F	0439000000	C.65
G 20/1.00A/F	0430700000	C.65
G 20/1.60A/F	0430800000	C.65
G 20/2.00A/F	0430900000	C.65
G 20/2.50A/F	0431000000	C.65
G 20/3.15A/F	0431100000	C.65
G 20/4.00A/F	0431200000	C.65
G 20/5.00A/F	0431300000	C.65
G 20/6.30A/F	0431400000	C.65
G 25/0.25A/M GE	0546900000	C.65
G 25/0.50A/M WS	0510300000	C.65
G 25/0.80A/M GR	0646400000	C.65
G 25/1.00A/M RT	0265800000	C.65
G 25/10.0A/M RT	0193100000	C.65
G 25/2.00A/F BL	0192700000	C.65
G 25/4.00A/F BR	0192800000	C.65
G 25/6.30A/F GN	0192900000	C.65
GHDE ZPS2.5/1AN	1866070000	C.99
GWHUE M3 WTL6	1255010000	D.69
GZ 0.5A/F	0533800000	C.65
GZ 1.0A/F	0525500000	C.65
GZ 10.0A	0293900000	C.65
GZ 12,5A/FF	0245400000	C.65
GZ 2.0A	0294500000	C.65
GZ 3.0A	0295700000	C.65
GZ 5.0A	0294600000	C.65
GZ 7.0A	0295800000	C.65

H

Type	Order No.	Page
H 0,5/16 S OR	9202900000	F.76
H 10,0/22 S EB	9203620000	F.76
H 4,0/20 DS GR	9203630000	F.76
H0,14/10 GR SV	9005180000	F.66
H0,14/10T BR SV	9028250000	F.70
H0,14/12 GR SV	9028240000	F.66
H0,25/10 HBL	9025740000	F.66
H0,25/10 HBL SV	9026050000	F.66
H0,25/10T GE	9021010000	F.70
H0,25/10T GE SV	9021210000	F.70
H0,25/12 HBL	9025760000	F.66
H0,25/12 HBL SV	9025780000	F.66
H0,25/12T GE	9021020000	F.70
H0,25/12T GE SV	9021220000	F.70
H0,25/5	9018910000	F.77
H0,34/10 TK	9025750000	F.66
H0,34/10 TK SV	9026030000	F.66
H0,34/11 S TK	9204090000	F.76
H0,34/12 TK	9025770000	F.66
H0,34/12 TK BD GSP	9004390000	F.67
H0,34/12 TK SV	9025790000	F.66
H0,5/10	9004050000	F.77
H0,5/12 OR	0409500000	F.66
H0,5/12 OR SV	9028260000	F.66
H0,5/12D W	9019000000	F.68
H0,5/14 OR	0690700000	F.66
H0,5/14 OR BD	9004270000	F.67
H0,5/14 OR BD GSP	9005810000	F.67
H0,5/14 OR SV	9026060000	F.66
H0,5/14 ZH OR	9037200000	F.72
H0,5/14 ZH OR SV	9004440000	F.72
H0,5/14D W	9019010000	F.68
H0,5/14D W BD	9004280000	F.68
H0,5/14D W BD GSP	9005860000	F.69
H0,5/14D W SV	9019400000	F.68
H0,5/14D ZH W	9037380000	F.73
H0,5/14D ZH W SV	9004780000	F.73
H0,5/14S OR	9004560000	F.76
H0,5/14S W	9004590000	F.76
H0,5/16 DS W	9202910000	F.76
H0,5/16 OR	9025870000	F.66
H0,5/16 OR SV	9028270000	F.66
H0,5/16 ZH OR	9037210000	F.72
H0,5/16D W	9019020000	F.68
H0,5/16D ZH W	9037390000	F.73
H0,5/18 ZH OR	9037220000	F.72
H0,5/18D ZH W	9037400000	F.73
H0,5/6	0282600000	F.77
H0,75/10	0542500000	F.77
H0,75/12 W	0409600000	F.66
H0,75/12 W SV	9028280000	F.66
H0,75/12D GR	9019030000	F.68
H0,75/12T HBL	9021030000	F.70
H0,75/14 W	0462900000	F.66
H0,75/14 W BD	9004290000	F.67
H0,75/14 W BD GSP	9005820000	F.67
H0,75/14 W SV	9026070000	F.66
H0,75/14 ZH W	9037230000	F.72
H0,75/14 ZH W SV	9018510000	F.72
H0,75/14D GR	9019040000	F.68
H0,75/14D GR	9005870000	F.69
H0,75/14D GR BD	9004300000	F.68
H0,75/14D GR SV	9019410000	F.68
H0,75/14D ZH GR	9037410000	F.73
H0,75/14D ZH GR SV	9018520000	F.73
H0,75/14DS HBL	9028580000	F.76
H0,75/14S W	9025960000	F.76
H0,75/14S W SV	9025700000	F.76
H0,75/14T ZH HBL	9037610000	F.74
H0,75/14T BL BD GSP	9005900000	F.71
H0,75/14T HBL BD	9004310000	F.70
H0,75/14T HBL SV	9021230000	F.70
H0,75/14TS HBL	9018550000	F.76
H0,75/15S HBL	9204240000	F.76
H0,75/16 W	9025860000	F.66
H0,75/16 W SV	9028290000	F.66
H0,75/16 ZH W	9037240000	F.72
H0,75/16 ZH W SV	9004900000	F.72
H0,75/16D GR	9019050000	F.68
H0,75/16D ZH GR	9037420000	F.73
H0,75/16D ZH GR SV	9004770000	F.73
H0,75/16T HBL	9021050000	F.70
H0,75/16T ZH HBL	9037620000	F.74
H0,75/16T ZH HBL SV	9005140000	F.74
H0,75/18 W	9025910000	F.66
H0,75/18 W SV	9028300000	F.66
H0,75/18D GR	9019060000	F.68
H0,75/18T HBL	9021060000	F.70
H0,75/19DS ZH GR	9202830000	F.73
H0,75/19S ZH W	9202820000	F.72
H0,75/19TS ZH HBL	9202840000	F.74
H0,75/24 ZH W	9037250000	F.72
H0,75/24D ZH GR	9037430000	F.73
H0,75/24T ZH HBL	9037630000	F.74
H0,75/6	0282700000	F.77
H0,75/14 HBL	9021040000	F.70
H1,0/10	0282800000	F.77
H1,0/12 GE	0409700000	F.66
H1,0/12 GE SV	9028310000	F.66
H1,0/12D R	9019070000	F.68
H1,0/14 GE	0463000000	F.66
H1,0/14 GE BD	9004320000	F.67
H1,0/14 GE BD GSP	9005830000	F.67
H1,0/14 GE SV	9026080000	F.66
H1,0/14D R	9019080000	F.68
H1,0/14D R BD	9004330000	F.68
H1,0/14D R BD GSP	9005880000	F.69
H1,0/14D R SV	9019420000	F.68
H1,0/14S GE	9025970000	F.76
H1,0/14S GE SV	9025710000	F.76
H1,0/14S R	9018560000	F.76
H1,0/15 ZH GE	9037260000	F.72
H1,0/15 ZH GE SV	9018530000	F.72
H1,0/15D ZH R	9037440000	F.73
H1,0/15D ZH R SV	9018540000	F.73
H1,0/15S ZH GE	9018690000	F.72
H1,0/15S ZH GE SV	9018650000	F.72
H1,0/16 GE	9025950000	F.66
H1,0/16 GE SV	9028320000	F.66
H1,0/16D R	9019100000	F.68
H1,0/18 GE	9025930000	F.66
H1,0/18 GE SV	9028340000	F.66
H1,0/18D R	9019110000	F.68
H1,0/19 ZH GE	9037270000	F.72
H1,0/19 ZH GE SV	9004910000	F.72
H1,0/19D ZH R	9037450000	F.73
H1,0/19D ZH R SV	9004760000	F.73
H1,0/25 ZH GE	9037280000	F.72
H1,0/25D ZH R	9037460000	F.73
H1,0/6	0372600000	F.77
H1,5/10	0186500000	F.77
H1,5/12	9004060000	F.77
H1,5/12S R	9025690000	F.76
H1,5/14 R	0463100000	F.66
H1,5/14 R BD	9004340000	F.67
H1,5/14 R BD GSP	9005840000	F.67
H1,5/14 R SV	9026090000	F.66
H1,5/14D SW	9019120000	F.68

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H1,5/14D SW BD	9004350000	F.68
H1,5/14D SW BD GSP	9005890000	F.69
H1,5/14D SW SV	9019430000	F.68
H1,5/14DS SW SV	9028360000	F.76
H1,5/14S R	9025980000	F.76
H1,5/14S R SV	9025720000	F.76
H1,5/14S SW	9025240000	F.76
H1,5/16 R	0635100000	F.66
H1,5/16 R SV	9028350000	F.66
H1,5/16 ZH R	9037290000	F.72
H1,5/16 ZH R SV	9004410000	F.72
H1,5/16D SW	9019130000	F.68
H1,5/16D ZH SW	9037470000	F.73
H1,5/16D ZH SW SV	9004420000	F.73
H1,5/17,5X SW SV	9006590000	F.75
H1,5/18	9004070000	F.77
H1,5/18D SW	9019140000	F.68
H1,5/19,5X SW SV	9006630000	F.75
H1,5/20 ZH R	9037300000	F.72
H1,5/20 ZH R SV	9004920000	F.72
H1,5/20D SW ZH SV	9004750000	F.73
H1,5/20D ZH SW	9037480000	F.73
H1,5/24 R	0565600000	F.66
H1,5/24 XS SW	9202870000	F.75
H1,5/24D SW	9019150000	F.68
H1,5/24D SW SV	9004140000	F.70
H1,5/26 ZH R	9037310000	F.72
H1,5/26D ZH SW	9037490000	F.73
H1,5/7	0372700000	F.77
H10,0/12	0282900000	F.77
H10,0/15	0124800000	F.77
H10,0/18	0379300000	F.77
H10,0/22 EB	0534200000	F.66
H10,0/22D R	9019240000	F.68
H10,0/22T BR	9021150000	F.70
H10,0/24 ZH EB	9037340000	F.72
H10,0/24 ZH EB SV	9004940000	F.72
H10,0/24,0X R SV	9006830000	F.75
H10,0/24D ZH R	9037570000	F.73
H10,0/24DS ZH R	9018880000	F.73
H10,0/24T ZH BR	9037710000	F.74
H10,0/26D R ZH SV	9004710000	F.73
H10,0/26T ZH BR SV	9005170000	F.74
H10,0/28 EB	0565800000	F.66
H10,0/28D R	9019250000	F.68
H10,0/28T BR	9021160000	F.70
H10,0/30 ZH EB	9037350000	F.72
H10,0/30D ZH R	9037580000	F.73
H10,0/30T ZH BR	9037720000	F.74
H10/24S ZH EB	9018860000	F.72
H10/30DS ZH R	9018890000	F.73
H10/30S ZH EB	9018870000	F.72
H120,0/32	9036240000	F.77
H120,0/50 BL	9028220000	F.66
H150,0/32	9036250000	F.77
H150,0/54 GE	9028230000	F.66
H16,0/12	0492500000	F.77
H16,0/15	0124300000	F.77
H16,0/18	0375200000	F.77
H16,0/22 GN	0565900000	F.66
H16,0/22D BL	9019260000	F.68
H16,0/22T W	9021170000	F.70
H16,0/25	9004150000	F.77
H16,0/25,5X BL SV	9006870000	F.75
H16,0/28 GN	0566000000	F.66
H16,0/28D BL	9019270000	F.68
H16,0/28T W	9021180000	F.70
H16,0/29 ZH GN	9037360000	F.72
H16,0/29D ZH BL	9037590000	F.73
H16,0/29T ZH W	9037730000	F.74
H16,0/32	9004160000	F.77
H16,0/38 ZH GN	9037370000	F.72
H16,0/38D ZH BL	9037600000	F.73
H16,0/38T ZH W	9037740000	F.74
H185,0/32	9036260000	F.77
H2,5/10	9004080000	F.77
H2,5/12	0186100000	F.77
H2,5/12DS BL	9028490000	F.76
H2,5/12TS GR	9036200000	F.76
H2,5/14D BL BD	9004360000	F.67
H2,5/14D BL BD GSP	9005850000	F.67
H2,5/14S BL	1333100000	F.76
H2,5/14T GR BD	9004370000	F.70
H2,5/14T GR BD GSP	9005910000	F.71
H2,5/14TS GR	9426770000	F.76
H2,5/15 BL SV	9026100000	F.66
H2,5/15D BL	9019160000	F.66
H2,5/15T GR	9021070000	F.70
H2,5/15T GR SV	9021240000	F.70
H2,5/16DS BL	9036220000	F.76
H2,5/17,5X BL SV	9006670000	F.75
H2,5/18	9004090000	F.77
H2,5/19D BL	9019170000	F.66
H2,5/19D ZH BL	9037500000	F.72
H2,5/19D ZH BL SV	9004430000	F.72
H2,5/19T GR	9021080000	F.70
H2,5/19T ZH GR	9037640000	F.74
H2,5/19T ZH GR SV	9018580000	F.74
H2,5/21 ZH GR SV	9005150000	F.74

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H2,5/21,5X BL SV	9006710000	F.75
H2,5/21D ZH BL	9037510000	F.72
H2,5/21D ZH BL SV	9004740000	F.72
H2,5/21T ZH GR	9037650000	F.74
H2,5/24 XS BL	9202880000	F.75
H2,5/25D BL	9019180000	F.66
H2,5/25T GR	9021090000	F.70
H2,5/27D ZH BL	9037520000	F.72
H2,5/27T ZH GR	9037660000	F.74
H2,5/7	0373000000	F.77
H25,0/15	0124400000	F.77
H25,0/18	0375300000	F.77
H25,0/25	9004170000	F.77
H25,0/30 BR	0317000000	F.66
H25,0/30D 16 GE	9019280000	F.68
H25,0/30T SW	9021190000	F.70
H25,0/32	9004180000	F.77
H25,0/36 BR	0317100000	F.66
H25,0/36D GE	9019300000	F.68
H25,0/36T SW	9021200000	F.70
H35,0/18	0368900000	F.77
H35,0/25	9004190000	F.77
H35,0/30 BE	0317200000	F.66
H35,0/30D 16 R	9019310000	F.68
H35,0/30S	9451000000	F.77
H35,0/32	9004200000	F.77
H35,0/32D R	9019320000	F.68
H35,0/39 BE	0317300000	F.66
H35,0/39D R	9019330000	F.68
H4,0/12	0244100000	F.77
H4,0/15	9004100000	F.77
H4,0/18	9004110000	F.77
H4,0/18 GR SV	9026010000	F.66
H4,0/18D GR	9019190000	F.66
H4,0/18T OR	9021100000	F.70
H4,0/18T OR SV	9021250000	F.70
H4,0/19,5X GR SV	9006750000	F.75
H4,0/20D GR	9019200000	F.66
H4,0/20T OR	9021110000	F.70
H4,0/22D ZH GR	9037530000	F.72
H4,0/22T ZH OR	9037670000	F.74
H4,0/22T ZH OR SV	9018590000	F.74
H4,0/26D GR	9019210000	F.66
H4,0/26T OR	9021120000	F.70
H4,0/28D ZH GR	9037540000	F.72
H4,0/28T ZH OR	9037680000	F.74
H4,0/9	0373100000	F.77
H4/22D ZH GR SV	9004730000	F.72
H50,0/18	9004210000	F.77
H50,0/22	9025880000	F.77
H50,0/32	9004220000	F.77
H50,0/41D BL	9019350000	F.68
H50/36 OLIV	0444200000	F.66
H50/36D BL	9019340000	F.68
H6,0,0/20T GN	9021130000	F.70
H6,0/10	9004120000	F.77
H6,0/12	0191900000	F.77
H6,0/15	0124700000	F.77
H6,0/18	9004130000	F.77
H6,0/20 SW	0533500000	F.66
H6,0/20D GE	9019220000	F.68
H6,0/23 ZH SW	9037320000	F.72
H6,0/23 ZH SW SV	9004930000	F.72
H6,0/23,0X GE SV	9006790000	F.75
H6,0/23D ZH GE	9037550000	F.73
H6,0/23D ZH GE SV	9004720000	F.73
H6,0/23T ZH GN	9037690000	F.74
H6,0/23T ZH GN SV	9005160000	F.74
H6,0/26 SW	0565700000	F.66
H6,0/26D GE	9019230000	F.68
H6,0/29 ZH SW	9037330000	F.72
H6,0/29D ZH GE	9037560000	F.73
H6,0/29T ZH GN	9037700000	F.74
H6/26T GN	9021140000	F.70
H70,0/25	9004230000	F.77
H70,0/32	9004240000	F.77
H70,0/37 GE	9028200000	F.66
H95,0/25	9004250000	F.77
H95,0/32	9004260000	F.77
H95,0/44 R	9028210000	F.66
HA ADP WF6/WF10	1781050000	D.147
HBT 1,5 - 3,0 RT	1312440000	D.86
HBT 1,5 - 4,6 RT	1233340000	D.86
HBT 2,5 - 3,0 BL	1312450000	D.86
HBT 2,5 - 4,6 BL	1233330000	D.86
HBT 6,0 - 4,6 GE	1216230000	D.86
HOOKBLA 0,25-1,5 SW	9036290000	F.78
HOOKBLA 1,0-2,5 SW	9036300000	F.78
HP 1 ADP1	0485560000	F.15
HP 2 ADP2	0485660000	F.15
HP 3 ADP3	0485760000	F.15
HP 4 ADP3	0485860000	F.15
HP 7 TSK31.5	0258260000	F.15
HP 8 ADP 1	0258360000	F.15
HTF AFK 2.5	9201040000	C.95
HTF ZRV	9014840000	C.94
HTI 15	9014400000	F.65

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IK 16/ZB16 GG	0502960000	F.6
IK 35/ZB35 BL	0502780000	F.6
IK 4 BL ZB4	0475480000	F.6
IK 4 GG ZB4	0475460000	F.6
IK 6 GG ZBE6K	0526060000	F.6
IL WMF2.5 BLZ OR	1167440000	D.112
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IS 3 KG	1806650000	F.63
IS 4 DIN 6911	0485100000	F.63
IS 4 KG	1806660000	F.63
IS 6 DIN 6911	0407900000	F.63
IS 8 DIN 6911	0235000000	F.63
ISPF ØB58 SW	0546000000	D.63

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KISC M3X5	1052100000	D.172
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KLBUE 10-20 CPF16	1252550000	E.13
KLBUE 10-20 FM4	1252510000	E.12
KLBUE 10-20 SC	1712321001	E.11
KLBUE 15-32	1716300000	E.6
KLBUE 15-32 CPF	1752711001	E.13
KLBUE 15-32 CPF16	1252540000	E.13
KLBUE 15-32 FM4	1252490000	E.12
KLBUE 15-32 SC	1718341001	E.11
KLBUE 2X2-6	1675350000	E.6
KLBUE 3-8	1600480000	E.6
KLBUE 3-8 CPF	1752681001	E.13
KLBUE 3-8 FM4	1252530000	E.12
KLBUE 3-8 SC	1692261001	E.11
KLBUE 3-8 SDSC	1835840000	E.11
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KLBUE 4-13.5 SC	1712311001	E.11
KLBUE 4-6 Z/1	2269800000	E.14
KLBUE CO 1	1753311001	E.7
KLBUE CO 2	1752131001	E.7
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KS 6 O.D6	0140620000	D.136
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KSBR/4 ZTL6	1771840000	C.69
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LID 1,5M4 R	9200670000	F.80
LID 2,5F5 RF	9200710000	F.80
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LIF 1,5F638 RF	9200640000	F.79
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Q 2 AKZ4	0336400000	D.131
Q 2 AKZ4SS	0369000000	D.17
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Q 3 AKZ1.5	0368300000	D.130
Q 3 AKZ4	0336500000	D.131
Q 3 DLI	1312600000	D.170
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Q 3 WTL6/2FF	1897120000	D.76
Q 4 AKZ1.5	0368400000	D.130
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QL 10 SAKS4	0339000000	D.48
QL 10 WTL 6/4 FF	1897090000	D.76
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QL 2 SAK16	0470700000	D.43
QL 2 SAK6N	0194300000	D.172
QL 2 SAKS2	0207800000	D.48
QL 2 SAKS4	0328000000	D.48
QL 2 WTL6/4FF	1897010000	D.76
QL 3 SAK16	0470800000	D.43
QL 3 SAK6N	0194400000	D.172
QL 3 SAKS4	0328100000	D.48
QL 3 WTL6/4FF	1897020000	D.76
QL 4 SAK16	0470900000	D.43
QL 4 SAK6N	0194500000	D.172
QL 4 SAKS2	0208000000	D.48
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SCHT 14/6	1269060000	F.32
SCHT 5	0292460000	F.31
SCHT 5 S	1631930000	F.31
SCHT 7	0517960000	F.31
SCHT 9/4	1278460000	F.32
SD 0,4x2,0x60	9037160000	F.57
SD 0,4x2,5x75	9009030000	F.57
SD 0,5x3,0x80	9008320000	F.57
SD 0,6x3,5x100	9008330000	F.57
SD 0,6x3,5x200	9010110000	F.57
SD 0,8x4,0x100	9008340000	F.57
SD 0,8x4,5x125	9009020000	F.57
SD 1,0x5,5x150	9008350000	F.57
SD 1,2x6,5x150	9009010000	F.57
SD TH20	9009160000	F.57
SDI 0,4x2,5x75	9008370000	B.30
SDI 0,6x3,5x100	9008390000	D.96
SDI 0,8x4,0x100	9008400000	D.76
SDI SL 0,6X3,5X100	1274660000	F.56
SDI SL 0,8X4,0X100	1274670000	F.56
SDI SL 1,0X5,5X125	1274680000	F.56
SDI SL 1,2X6,5X150	1274690000	F.56
SDIK SL PH1	1274710000	F.56
SDIK SL PH2	1274720000	F.56
SDIK SL PZ1	1274730000	F.56
SDIK SL PZ2	1274740000	F.56
SDIS 2,5-5,5/PH1/2	9009730000	F.55
SDIS 2.0-5.5	9205550000	F.55
SDIS 2.5-5.5/PZ/1/2	1128540000	F.55
SDIS SL 3,5-6,5/PH/1/2	1274750000	F.56
SDIZ 0,8X5,5 150/248	9008640000	D.76
SDK PZ0	9008520000	F.57
SDK PZ1	9008530000	F.57
SDK PZ2	9008540000	F.57
SDK PZ3	9008550000	F.57
SH 1	0299860000	F.4
SH 2	0494920000	F.4
SH 2 S	0641720000	F.4
SH 3	0556660000	F.4
SIHA 1/G20	9537550000	D.177
SIHA 1/G20 10-36V	9537560000	D.177
SIHA 3/G20	7921560000	D.177
SIHA 3/G20/LD 10-36V	7921570000	D.177
SIHA 3/G20/LD 140-250V	7921600000	D.177
SIHA 3/G20/LD 35-70V	7921580000	D.177
SIHA 3/G20/LD 60-150V	7921590000	D.177
SIHA STRAP	9537680000	D.177
SK 10,0x125	9009070000	F.57
SK E14 SAKS4	0339410000	D.48
SK E16/SAKS2	0284110000	D.48
SK E18 SAKS5	0359310000	D.49
SK WSD-S 1,5-10,0	9008850000	F.58
SKS 2,0-8,0	9008860000	F.58
SKS 2,0-8,0 MR	9008870000	F.58
SMSE WF10/2xM6	1868880000	D.150
SMSE WSH 135/60 MT	1246990000	E.9
SMSE WSH U1 MT	1083900000	E.9
SNAPMARK I	1805880000	F.30
SO SH1	0401460000	F.4
SP M6 15 MSZN	3896100000	E.10
SP M6 20 MSZN	3896200000	E.10
SP M6 30 MSZN	3896300000	E.10
SRCI OV P	8870840000	B.38
SS M3 D 128-A 3	0164400000	D.37
SS M4 D 128-A 4	0136400000	D.48
SSCH 10X3X1000 CU/SN	0348900000	F.3
SSCH 10X3X1000 MS/BK	0259800000	F.3
SSCH 10X3X1000 ST/ZN	0438000000	F.3
SSCH 15X6X1000 CU/SN	0357400000	F.3
SSCH 6X6X1000 CU/SN	0571300000	F.3
SSCH 7.3X1.2X1000	1071200000	D.115
SSP 3 SAKT1	0531760000	D.70
SSP WTL6/2	1604200000	D.67
SSP ZTL6	1771860000	C.68
ST 4000/L C160	1809240000	D.153
ST 4000/L CB M10/4	1809280000	D.153
ST 4000/L CB M12/4	1809290000	D.153
ST 4000/L CB M12/6	1809300000	D.153
ST 4000/L E180	1809220000	D.153
ST 4000/L J2 M10	1809370000	D.153
ST 4000/L J2 M12	1809400000	D.153
ST 4000/L J3 M12	1809410000	D.153
ST 4000/L J4 M10	1809390000	D.153
ST 4000/L J4 M12	1809420000	D.153
ST 4000/L M10	1809150000	D.153
ST 4000/L M10 F	1809160000	D.153
ST 4000/L M12	1809170000	D.153
ST 4000/L M12 F	1809180000	D.153
ST 4000/L P180	1809200000	D.153
ST 4000/L S180	1809480000	D.153
ST 4000/S C130	1809230000	D.152
ST 4000/S CB M10/4	1809260000	D.152
ST 4000/S CB M10/6	1809270000	D.152
ST 4000/S CB M8/4	1809250000	D.152
ST 4000/S E150	1809210000	D.152
ST 4000/S J2 M10	1809340000	D.152
ST 4000/S J2 M8	1809310000	D.152
ST 4000/S J3 M10	1809350000	D.152
ST 4000/S J3 M8	1809320000	D.152
ST 4000/S J4 M10	1809360000	D.152
ST 4000/S M10	1809130000	D.152
ST 4000/S M10 F	1809140000	D.152
ST 4000/S M8	1809110000	D.152
ST 4000/S M8 F	1809120000	D.152
ST 4000/S P150	1809190000	D.152
ST 4000/S S150	1809470000	D.152
STB 14/D6/4/M3 SAK10	0169900000	D.173
STB 14/D6/4/M3 SAK10	2012420000	D.74
STB 16/D7/4/M4 SAK35	0140200000	D.173
STB 21.6/45 BL	1936290000	D.71
STB 21.6/45 DB	1938790000	D.71
STB 21.6/45 GE	1936240000	D.71
STB 21.6/45 GN	1936250000	D.71
STB 21.6/45 GR	1936280000	D.71
STB 21.6/45 RT	1936300000	D.71
STB 21.6/45 SW	1936270000	D.71
STB 21.6/45 VI	1936260000	D.71
STB 21.6/IH/BL WTL6/3	1071080000	D.75
STB 21.6/IH/DB WTL6/3	1071000000	D.173
STB 21.6/IH/GE WTL6/3	1071010000	D.75
STB 21.6/IH/GN WTL6/3	1071020000	D.75
STB 21.6/IH/SW WTL6/3	1071040000	C.68
STB 21.6/IH/VI WTL6/3	1071030000	D.75
STB 25 IH/BL	0343400000	D.65
STB 25 IH/GE	0267200000	D.65
STB 25 IH/GN	0271200000	D.65
STB 25 IH/VI	0271300000	D.65
STB 30.5 IH/BL	0341200000	D.70
STB 30.5 IH/GE	0341500000	D.70
STB 30.5 IH/GN	0341400000	D.70
STB 30.5 IH/GR	0341100000	D.70
STB 30.5 IH/RT	0341300000	D.70
STB 30.5 IH/SW	0341000000	D.70
STB 30.5 IH/VI	0341600000	D.70
STB 35 IH/BL	0388700000	D.70
STB 35 IH/GE	0389000000	D.65
STB 35 IH/GN	0388900000	D.65
STB 35 IH/GR	0388600000	D.70
STB 35 IH/RT	0388800000	D.70
STB 35 IH/SW	0388500000	D.70
STB 35 IH/VI	0389100000	D.65

Type	Order No.	Page
STB 36.8/IH/BL WTL6/1	1847790000	D.73
STB 36.8/IH/DB WTL6/1	1847740000	B.23
STB 36.8/IH/GE WTL6/1	1847760000	D.73
STB 36.8/IH/GN WTL6/1	1847770000	D.73
STB 36.8/IH/VI WTL6/1	1847780000	D.71
STB 8.5/5/2.3/M3 SAK2.5	0280600000	D.72
STB 8.5/D4/2.3/M2.5 AKZ	0215700000	D.173
STGH 4 ZRV1.5	1698190000	C.94
STGH 4 ZRV1.5/PE GN	1698200000	C.94
STGH O.R/SW ZRV2.5	1898420000	C.95
STGH O.ZA ZRV2.5	1907010000	C.95
STGH O.ZA/O.R/SW ZRV2.5	1898430000	C.95
STGH ZPC2.5 DB	2321640000	C.84
STGH ZRV2.5	1907000000	C.95
STI Waterproof schwarz	0508401694	F.39
STR 15 F. ZGB 15	1636520000	F.34
STR 5 F.SCHT 5	0294000000	F.31
STR 5 S F.SCHT 5 S	1631940000	F.31
STR 7 F.SCHT 7	0515300000	F.31
STRIPAX	9005000000	F.48
STRIPAX 16	9005610000	F.48
STRIPAX PLUS 2.5	9020000000	F.49
SWIFTY	9006020000	F.54
SWIFTY SET	9006060000	F.54

T

TH-S 9-40	9008880000	F.58
Tinte 2000 25ml	1772120000	F.39
Tintenpatrone PrintJet	1797460000	F.36
Tintentank PrintJet II	1858920000	F.36
TNST	1833090000	D.178
TS 15X5 2M/AL/BK	0134700000	F.9
TS 15X5 2M/ST/ZN	0514200000	F.9
TS 15X5/LL 1M/ST/ZN	0117510000	F.9
TS 15X5/LL 2M/ST/ZN	0117500000	F.9
TS 27X12.5M/ST/F.ZN	1802690000	E.13
TS 32X15 2M/AL/BK	0169300000	F.9
TS 32X15 2M/CRN	0293220000	F.9
TS 32X15 2M/ST/ZN	0122800000	F.9
TS 32X15/LL 2M/ST/ZN	0514400000	F.9
TS 35X15 2M/ST/ZN	0236400000	F.10
TS 35X15/2.3 2M/AL/BK	1848290000	F.10
TS 35X15/2.3 2M/CU/BK	0270100000	F.10
TS 35X15/2.3 2M/ST/ZN	0498000000	F.10
TS 35X15/6X18 2M/ST/ZN	1805980000	F.10
TS 35X15/6X25 2M/ST/ZN	1866290000	F.10
TS 35X15/LL 1M/ST/ZN	0236510000	F.10
TS 35X15/LL 2M/ST/ZN	0236500000	F.10
TS 35X7.5 1M/ST/ZN	0383410000	F.10
TS 35X7.5 2M/AL/BK	0330800000	F.10
TS 35X7.5 2M/CRN	1747350000	F.10
TS 35X7.5 2M/ST/ZN	0383400000	F.10
TS 35X7.5/LL 1M/ST/ZN	0514510000	F.10
TS 35X7.5/LL 2M/ST/ZN	0514500000	F.10
TS 35X7.5/LL/6 2M/ST/ZN	0514570000	F.10
TS END CAP 35X15	1283480000	F.11
TS END CAP 35X7.5	1283470000	F.11
TSCH 1	0319160000	D.92
TSCH 2	0353660000	D.65
TSK 31.5 GR	0347960000	F.15
TSK 35X15 2M PVC/GR	0514300000	F.11
TSLD 5	9918700000	F.45
TSLD C	1270310000	F.45
TST 2/M5	1286600000	F.13
TST 2/M6	0101700000	F.13
TSTW 5/M5	0178100000	F.13
TSTW 5/M5 ZN	1779100000	F.13
TSTW 6/M6	0164000000	F.13
TW AKZ2.5	0318560000	D.130
TW AKZ4	0348260000	D.131
TW PRV16	1173630000	B.40
TW PRV16 0-15	1230130000	B.40
TW PRV16 1-16	1230120000	B.40
TW PRV16 A-P	1230140000	B.40
TW PRV4	1173700000	B.38
TW PRV4 0-3	1230060000	B.38
TW PRV4 1-4	1230050000	B.38
TW PRV4 A-D	1230070000	B.38
TW PRV8	1173670000	B.39
TW PRV8 0-7	1230090000	B.39
TW PRV8 1-8	1230080000	B.39
TW PRV8 A-H	1230110000	B.39

V

VH 12/4.9/3.3 SAK6N	0249000000	D.71
VH 13.5/4.9/3.3 SAK4	0248500000	D.76
VH 16/5/3.5 SAK10-35	0309700000	D.63
VH 19/6/4.2 SAKT1	0318000000	D.65
VKSW	1137530000	F.45
VLI 1.5 DB	1784120000	D.96
VLI 1.5/PE DB	1784130000	D.96
VQB 1.5/50 BL	1633280000	D.96
VQB 1.5/50 RT	1633290000	D.96
VQB 1.5/50 SW	1635120000	D.96

W

WAD 12 M. BL.	1055960000	F.33
WAD 12 NEUTRAL	1056260000	F.33
WAD 12N GE BED	1073200000	D.9
WAD 16N GE BED	1083600000	D.11
WAD 16N WS	1083500000	D.176
WAD 20 GE WSD	9512260000	D.176
WAD 27 M. BL.	1062860000	F.33
WAD 27 NEUTRAL	1062960000	F.33
WAD 4 GE BED	1072000000	D.176
WAD 4 WS	1072100000	D.176
WAD 5 MC B GE/SW	1120450000	F.33
WAD 5 MC NE GE	1112920000	F.33
WAD 5 MC NE WS	1112910000	F.33
WAD 5 MC SDR	1112930000	F.33
WAD 8 MC B GE/SW	1120470000	F.33
WAD 8 MC NE GE	1112950000	F.33
WAD 8 MC NE WS	1112940000	F.33
WAD 8 MC SDR	1112970000	F.33
WAD WDU1.5/BLZ/BLA	1577400000	D.100
WAD WMF2.5	1142970000	D.112
WAH 120	1064660000	D.149
WAH 185/300 BE	1064760000	D.149
WAH 35	1064460000	D.148
WAH 70 BE	1064560000	D.148
WAP 16+35 WTW 2.5-10	1050100000	D.157
WAP 16+35 WTW 2.5-10 BL	1050180000	D.157
WAP 16+35 WTW 2.5-10 OR	1050160000	D.157
WAP 2.5-10	1050000000	D.156
WAP 2.5-10 BL	1050080000	D.156
WAP 2.5-10 BR	1050070000	D.156
WAP 2.5-10 GE	1050020000	D.156
WAP 2.5-10 GN	1072200000	D.156
WAP 2.5-10 GR	1050050000	D.156
WAP 2.5-10 OR	1050060000	D.156
WAP 2.5-10 RT	1050040000	D.156
WAP 2.5-10 SW	1050010000	D.156
WAP 2.5-10 VI	1072210000	D.156
WAP 2.5-10 WS	1050090000	D.156
WAP 2.5-10/0.5mm	1966380000	D.156
WAP WDK 2.5N/TR-DU	1839850000	D.60
WAP WDK1.5/R3.5	1754200000	D.132
WAP WDK10	1186720000	D.21
WAP WDK10 BL	1186730000	D.21
WAP WDK2.5	1059100000	D.157
WAP WDK2.5 BL	1059180000	D.157
WAP WDK2.5 GN	1059140000	D.157
WAP WDK2.5/4 N	1084000000	D.158
WAP WDK2.5/4 N BL	1084080000	D.158
WAP WDK2.5/BLZ/M.ZA	1070100000	D.101
WAP WDK2.5/BLZ/O.ZA	1070000000	D.101
WAP WDK2.5/BLZ/O.ZA LG	1112130000	D.157
WAP WDL2.5	1067800000	D.157
WAP WDL2.5/S	1067700000	D.157
WAP WDU/WTR4/ZR	1905070000	D.157
WAP WDU/WTR4/ZZ	1905150000	D.157
WAP WDU1.5/BLZ	1577330000	D.100
WAP WDU1.5/BLZ/ZA	1577320000	D.100
WAP WDU1.5/R3.5	1754190000	D.133
WAP WDU2.5N/4N	1060000000	D.158
WAP WDU2.5N/4N BL	1060080000	D.158
WAP WDU2.5N/4N GE	1060090000	D.158
WAP WDU2.5N/4N OR	1060060000	D.158
WAP WFF120	1073000000	D.158
WAP WFF35	1069700000	D.158
WAP WFF70	1069800000	D.158
WAP WSI4/2	1880450000	D.32
WAP WT4/4AN/2	1107780000	D.102
WAP WTL4/2	1881640000	D.72
WAP WTL6 SL	9538110000	D.158
WAP WTL6 SL 4-6	1238880000	D.90
WAP WTL6/1	1068300000	D.65
WAP WTL6/1 EN	1957710000	D.74
WAP WTL6/3	1879910000	D.158
WAP WTL6/4FF	1887240000	D.76
WAP WTR2.5/ZZ	1074600000	D.55
WAP WTR2.5/ZZ BL	1074680000	D.157
WAW 1 NEUTRAL	9004500000	F.43
WAW 2	9004510000	D.172
WBB WDK2.5/BL5.08	1072660000	D.101
WBB WDU1.5/BL...	1068160000	D.100
WBB WMF2.5 BLZ	1142980000	D.112
WBB ZA WDK2.5/BL5.08	1072760000	D.101
WBB ZA WDU1.5/BL 10/10	1068260000	D.100
WD 1 25 K KARTE A 6 ST	1563900000	D.151
WDK 1.5/R3.5	1753290000	D.132
WDK 10	1186740000	D.21
WDK 10 BL	1186750000	D.21
WDK 10 V	1186770000	D.21
WDK 10 V BL	1186780000	D.21
WDK 2.5	1021500000	D.16
WDK 2.5 1D	8025610000	D.117
WDK 2.5 1D A.1	1023400000	D.117
WDK 2.5 1D A.2	1023300000	D.118
WDK 2.5 2D	1023500000	D.119
WDK 2.5 2D 1.A	8014670000	D.118
WDK 2.5 2D 2.A	1022600000	D.119
WDK 2.5 BL	1021580000	D.16
WDK 2.5 F	1021600000	D.99
WDK 2.5 F BL	1021680000	D.99
WDK 2.5 FF	1021700000	D.99
WDK 2.5 FV	1022400000	D.99
WDK 2.5 LD GR 1R 24VDC	8010040000	D.120
WDK 2.5 LD RT 24VDC -+	8023630000	D.120
WDK 2.5 LD RT 24VDC +-	1023600000	D.120
WDK 2.5 LD/GN 1R 24VDC	8023610000	D.120
WDK 2.5 OR	1021560000	D.181
WDK 2.5 ZQV	1041100000	D.16
WDK 2.5 ZQV BL	1041180000	D.16
WDK 2.5/10	1025700000	D.182
WDK 2.5/BLZ/5.08/ZA	1034400000	D.101
WDK 2.5/BLZ/5.08/ZA V	1027410000	D.101
WDK 2.5/D	1023200000	D.119
WDK 2.5/EX	1029100000	D.17
WDK 2.5/TR-DU	1247290000	D.60
WDK 2.5/TR-DU STB	1247310000	D.60
WDK 2.5/TR-DU-PE	1247420000	D.61
WDK 2.5/TR-DU-PE STB	1247430000	D.61
WDK 2.5/TR-DU-PE/o TNHE	1833640000	D.61
WDK 2.5/TR-DU-PE/o TNHE StB	1833670000	D.61
WDK 2.5/TR-DU/o TNHE	1833600000	D.60
WDK 2.5/TR-DU/o TNHE StB	1833610000	D.60
WDK 2.5DU-PE	1036400000	D.17
WDK 2.5N	1041600000	D.18
WDK 2.5N BL	1041680000	D.18
WDK 2.5N DU-PE	1041650000	D.19
WDK 2.5N PE	1041620000	D.24
WDK 2.5N V	1041610000	D.18
WDK 2.5PE	1036300000	D.23
WDK 2.5V	1022300000	D.17
WDK 2.5V BL	1022380000	D.17
WDK 2.5V GE	1022350000	D.181
WDK 2.5V OR	1022360000	D.181
WDK 4N	1041900000	D.19
WDK 4N BL	1041980000	D.19
WDK 4N DU-PE	1041950000	D.20
WDK 4N OR	1041960000	D.181
WDK 4N PE	1041920000	D.26
WDK 4N V	1041910000	D.19
WDL 2.5/2/S/NT/L/PE-L/L	1034100000	D.182
WDL 2.5/3/S/NT/L/PE	1034200000	D.182
WDL 2.5/L	1030400000	D.79
WDL 2.5/L/L	1030300000	D.78
WDL 2.5/L/L/PE	1030200000	D.79
WDL 2.5/N/L/PE	1029900000	D.79
WDL 2.5/NT/L/PE	1029800000	D.78
WDL 2.5/S/L	1031300000	D.81
WDL 2.5/S/L/L	1031200000	D.80
WDL 2.5/S/L/L/PE	1031100000	D.81
WDL 2.5/S/N/L/PE	1030700000	D.81
WDL 2.5/S/NT/L/PE	1030600000	D.80
WDS 2	1069900000	D.179
WDT 1.5/1 DB/GE	1015800000	D.58
WDT 1.5/2 DB/GE	1015900000	D.58
WDT 1.5/3 BL/HB	1016160000	D.59
WDT 1.5/3 DB/GE	1016000000	D.59
WDTR 2.5	9528070000	D.59
WDTR 2.5 BL	9528080000	D.59
WDTR 2.5 O.STB	1298020000	D.59
WDTR 2.5/WE	9528090000	D.59
WDTR 2.5/WE O.STB	1297850000	D.59
WDU 1.5/BLZ 5.08	1577340000	D.100
WDU 1.5/R3.5	1753280000	D.132
WDU 1.5/R3.5 BL	1754170000	D.132
WDU 1.5/ZQV/BLZ 5.08	1784460000	D.100
WDU 1.5/ZZ	1031400000	D.4
WDU 1.5/ZZ BL	1031480000	D.4
WDU 10	1020300000	D.8
WDU 10 BL	1020380000	D.8
WDU 10 GE	1833350000	D.181
WDU 10 GN	1833340000	D.181
WDU 10 OR	1020360000	D.181
WDU 10 RT	1020340000	D.181
WDU 10 SL	9537480000	D.87
WDU 10 SL SW	9537400000	D.87
WDU 10 SL/EN	9537490000	D.89
WDU 10 SL/EN SW	9537410000	D.89
WDU 10 SW	1020310000	D.181
WDU 10 WS	1833380000	D.181
WDU 10/ZR	1042400000	D.9
WDU 10/ZR BL	1042480000	D.9
WDU 120/150	1024500000	D.14
WDU 120/150 BL	1024580000	D.14
WDU 120/150/5	1026600000	D.182
WDU 120/150/5 N	1032400000	D.182
WDU 16 BL	1020480000	D.181
WDU 16 RT	1833400000	D.181
WDU 16 SW	1833420000	D.181
WDU 16/ZA	1028900000	D.9
WDU 16/ZA BL	1028980000	D.9
WDU 16N	1036100000	D.9
WDU 16N BL	1036180000	D.9
WDU 2.5	1020000000	D.5
WDU 2.5 BL	1020080000	D.5
WDU 2.5 BR	1037710000	D.181
WDU 2.5 F 2X2.8	1021800000	D.98
WDU 2.5 FF 2X2.8	1021900000	D.98
WDU 2.5 GE	1020020000	D.181
WDU 2.5 GN	1020090000	D.181
WDU 2.5 GR	1037720000	D.181
WDU 2.5 OR	1020060000	D.181
WDU 2.5 PA/VI	1037700000	D.181
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WDU 2.5 SW	1020010000	D.181
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ZDU 6/3AN BL	7907420000	C.9
ZDU 6/3AN OR	8670420000	C.153
ZDUA 2.5-2	1720920000	C.117
ZDUA 2.5-2 BL	1720930000	C.117
ZDUA 2.5-2 OR	1720940000	C.117
ZDUA 2.5-2N	1808200000	C.118
ZDUA 2.5-2N BL	1808180000	C.118
ZDUB 2.5-2/2AN/15	1712750000	C.116
ZDUB 2.5-2/2AN/15 BL	1712760000	C.116
ZDUB 2.5-2/2AN/15 OR	1712770000	C.116
ZDUB 2.5-2/2AN/DB	1704500000	C.115
ZDUB 2.5-2/2AN/DB BL	1704510000	C.115
ZDUB 2.5-2/2AN/DB GE	1704530000	C.115
ZDUB 2.5-2/2AN/DM	1704350000	C.115
ZDUB 2.5-2/2AN/DM BL	1704360000	C.115
ZDUB 2.5-2/2AN/DM GE	1704380000	C.115
ZDUB 2.5-2/2AN/DM OR	1704370000	C.115
ZDUB 2.5-2/2AN/RC	1712820000	C.114
ZDUB 2.5-2/2AN/RC BL	1712830000	C.114
ZDUB 2.5-2/2AN/RC GE	1712850000	C.114
ZDUB 2.5-2/2AN/RC OR	1712840000	C.114
ZDUB 2.5-2/4AN/15	1712780000	C.116
ZDUB 2.5-2/4AN/15 BL	1712790000	C.116
ZDUB 2.5-2/4AN/15 OR	1712800000	C.116
ZDUB 2.5-2/4AN/DB	1704690000	C.115
ZDUB 2.5-2/4AN/DB BL	1704700000	C.115
ZDUB 2.5-2/4AN/DB GE	1704720000	C.115
ZDUB 2.5-2/4AN/DM	1704540000	C.115
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ZDUB 2.5-2/4AN/DM GE	1704570000	C.115
ZDUB 2.5-2/4AN/DM OR	1704560000	C.115
ZDUB 2.5-2/4AN/RC	1712970000	C.114
ZDUB 2.5-2/4AN/RC BL	1712980000	C.114
ZDUB 2.5-2/4AN/RC GE	1713000000	C.114
ZDUS	1676640000	C.149
ZE ZRV2.5	2318670000	C.95
ZEI 16	1745350000	C.11
ZEI 16 BL	1766240000	C.11
ZEI 16-2/1AN	1772940000	C.17
ZEI 16-2/1AN BL	1772950000	C.17
ZEI 6	1791190000	C.5
ZEW 15	7920340000	F.12
ZEW 35	9540000000	F.12
ZEW 35 GR	1238040000	F.12
ZEW 35/2	8630740000	F.12
ZEW 35/2 GR	1227850000	F.12
ZEW 35/2 SW	1162610000	F.12
ZF 4 S	1814680000	F.7
ZF 4 S BL	1814660000	F.7
ZF 4 S GN	1814670000	F.7
ZGB 15	1636530000	F.34
ZGB 30	1611930000	F.34
ZHP S	1808290000	C.132
ZHP S SO	1808280000	C.132
ZHP ZDU4/NT SO	1803890000	C.76
ZIA 1.5/3L-1S	1651980000	C.110
ZIA 1.5/3L-1S/LD-RT	1651990000	C.110
ZIA 1.5/3L-PE	1652000000	C.110
ZIA 1.5/4L-1S	1652010000	C.111
ZIA 1.5/4L-1S/LD	1652020000	C.111
ZIA 1.5/4L-PE	1652030000	C.111
ZMAK 2.5	1768000000	C.34
ZMAK 2.5 690V	1027550000	C.34
ZNT 10S	1739560000	C.74
ZNT 16S	1739600000	C.75
ZNT 35	1739640000	C.75
ZNT 6 S	1808320000	C.74
ZP 2.5/1AN	1875150000	C.98
ZP 2.5/1AN GN	1875180000	C.98
ZP 2.5/1AN ZA	1875190000	C.98
ZP 2.5/1AN ZA BL	1009070000	C.98
ZP 2.5/1AN ZA GN	1875200000	C.98
ZP 2.5/1AN ZA O.RA	1875210000	C.98
ZP 2.5/1AN ZA O.RA BL	1972980000	C.98
ZP 2.5/1AN ZA O.RA GN	1875220000	C.98
ZP 2.5/1AN/1	1815430000	C.83
ZP 2.5/1AN/1 GN	1820580000	C.96
ZP 2.5/1AN/10	1815560000	C.83
ZP 2.5/1AN/10 GN/BE	1867170000	C.96
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ZP 2.5/1AN/QV/7	1815250000	C.97
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ZPE 1.5/3AN	1775560000	C.36
ZPE 1.5/4AN	1775620000	C.37
ZPE 10	1746770000	C.41
ZPE 10/3AN	1767670000	C.41
ZPE 10S	1739570000	C.78
ZPE 16	1745250000	C.42
ZPE 16-2/1AN	1772960000	C.47
ZPE 16/3AN	1768310000	C.42
ZPE 16S	1739610000	C.79
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ZPE 2.5-2/4AN	1706100000	C.45
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ZPE 2.5/4AN	1608660000	C.38
ZPE 2.5N	1933760000	C.48
ZPE 2.5N/3AN	1933770000	C.48
ZPE 2.5N/4AN	1933780000	C.49
ZPE 35	1739650000	C.43
ZPE 4	1632080000	C.38
ZPE 4 S	1808340000	C.77
ZPE 4-2/2AN	1770380000	C.45
ZPE 4-2/3AN	1770390000	C.45
ZPE 4-2/4AN	1807090000	C.46
ZPE 4/3AN	7904170000	C.39
ZPE 4/4AN	7904280000	C.39
ZPE 6	1608670000	C.40
ZPE 6 S	1808350000	C.78
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ZPE 6-2/3AN	1771360000	C.47
ZPE 6/3AN	7907400000	C.40
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ZPEA 2.5-2N	1808210000	C.118
ZPEB 2.5-2	1712810000	C.117
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ZPS 2.5/1AN/QV/6	1865940000	C.103
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ZQB 2.5-2	1677120000	C.140
ZQS 2.5/2	1633200000	C.141
ZQS 2.5/3	1633210000	C.141
ZQS 2.5/4	1633220000	C.141
ZQS 2.5/5	1633230000	C.141
ZQV 1.5/10	1776200000	C.140
ZQV 1.5/2	1776120000	C.140
ZQV 1.5/3	1776130000	C.140
ZQV 1.5/4	1776140000	C.140
ZQV 1.5/5	1776150000	C.140
ZQV 1.5N/R3.5/10 GE	1754290000	D.132
ZQV 1.5N/R3.5/2 GE	1754210000	D.132
ZQV 1.5N/R3.5/3 GE	1754220000	D.132
ZQV 1.5N/R3.5/4 GE	1754230000	D.132
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ZQV 16/2	1739690000	C.141
ZQV 2.5/10	1608940000	C.140
ZQV 2.5/2	1608860000	C.140
ZQV 2.5/20	1908960000	C.140
ZQV 2.5/3	1608870000	C.140
ZQV 2.5/4	1608880000	C.140
ZQV 2.5/5	1608890000	B.49
ZQV 2.5/50	1697540000	C.110
ZQV 2.5/6	1608900000	B.49
ZQV 2.5/7	1608910000	B.49
ZQV 2.5/8	1608920000	B.49
ZQV 2.5/9	1608930000	B.49
ZQV 2.5N/10 BL	1718070000	D.165
ZQV 2.5N/10 GE	1693880000	D.165
ZQV 2.5N/10 RT	1717980000	D.165
ZQV 2.5N/10 SW	1718160000	D.165
ZQV 2.5N/2 BL	1717990000	D.165
ZQV 2.5N/2 GE	1693800000	D.165
ZQV 2.5N/2 RT	1717900000	D.165
ZQV 2.5N/2 SW	1718080000	D.165
ZQV 2.5N/20 BL	1909140000	D.165
ZQV 2.5N/20 GE	1909000000	D.165
ZQV 2.5N/20 RT	1909110000	D.165
ZQV 2.5N/20 SW	1909130000	D.165
ZQV 2.5N/3 BL	1718000000	D.165
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ZQV 2.5N/3 SW	1718090000	D.165
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ZQV 2.5N/5 SW	1718110000	D.165
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ZQV 2.5N/6 BL	1718030000	D.165
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ZQV 2.5N/7 BL	1718040000	D.165
ZQV 2.5N/7 GE	1693850000	C.140
ZQV 2.5N/7 RT	1717950000	D.165
ZQV 2.5N/7 SW	1718130000	D.165
ZQV 2.5N/8 BL	1718050000	D.165
ZQV 2.5N/8 GE	1693860000	C.140
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ZQV 2.5N/9 BL	1718060000	D.165
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ZQV 2.5N/9 SW	1718150000	D.165
ZQV 35-10	7920100000	C.140
ZQV 35/2	1739700000	C.12
ZQV 4/10 GE	1609030000	C.140
ZQV 4/2 GE	1608950000	C.140
ZQV 4/20 GE	1909010000	C.140
ZQV 4/3 GE	1608960000	C.140
ZQV 4/4 GE	1608970000	C.140
ZQV 4/5 GE	1608980000	C.140
ZQV 4/6 GE	1608990000	C.140
ZQV 4/7 GE	1609000000	C.140
ZQV 4/8 GE	1609010000	C.140
ZQV 4/9 GE	1609020000	C.140
ZQV 4N/10 BL	1794050000	D.165
ZQV 4N/10 GE	1758260000	D.165
ZQV 4N/10 RT	1794040000	D.165
ZQV 4N/10 SW	1794060000	D.165
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ZQV 4N/2 SW	1793970000	D.165
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ZQV 4N/20 GE	1909020000	D.165
ZQV 4N/20 RT	1909150000	D.165
ZQV 4N/20 SW	1909120000	D.165
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ZQV 4N/4 BL	1794020000	D.165
ZQV 4N/4 GE	1762620000	D.165
ZQV 4N/4 RT	1794010000	D.165
ZQV 4N/4 SW	1794030000	D.165
ZQV 6/2 GE	1627850000	C.141
ZQV 6/24 GE	1908990000	C.141
ZQV 6/3 GE	1627860000	C.141
ZQV 6/4 GE	1627870000	C.141
ZQV 6N/2	1906210000	B.5
ZQV 6N/20	1906240000	B.5
ZQV 6N/3	1906220000	B.5
ZQV 6N/4	1906230000	B.5
ZR WPO4 DB	1071100000	D.115
ZRH 1.5H/1	1678810000	C.148
ZRH 1.5H/2	1678800000	C.148
ZRH 1.5N/1	1632140000	C.148
ZRH 1.5N/2	1632130000	C.148
ZRH 1.5S/1	1781950000	C.148
ZRH 1.5S/2	1781960000	C.148
ZRH 2.5/1 WS	1614300000	C.148
ZRH 2.5/2 GR/V0	1614290000	C.148
ZRH 2.5/3	1614280000	C.148
ZRH 4/1 WS	1636640000	C.148
ZRH 4/2	1636650000	C.148
ZRV 1.5	1698160000	C.94
ZRV 1.5/PE	1698170000	C.94
ZRV 2.5/1	1906960000	C.95
ZRV 2.5/2	1906970000	C.95
ZS 10/5 MC BEDRUCKT	1610010000	F.29
ZS 10/5 MC NEUTRAL	1610000000	F.29
ZS 12/6 BEDRUCKT	1610030000	F.29
ZS 12/6 MC NEUTRAL	1610020000	F.29
ZS 15/5 MC BEDRUCKT	1646640000	F.29
ZS 15/5 MC NEUTRAL	1646630000	F.29
ZSI 2.5	1616400000	C.54
ZSI 2.5-2/2X2AN/G20	1826050000	C.58
ZSI 2.5-2/2X2AN/G20/GL	1826030000	C.58
ZSI 2.5-2/2X2AN/G20/LD1	1867440000	C.59
ZSI 2.5-2/2X2AN/G20/LD3	1867420000	C.59
ZSI 2.5-2/2X2AN/G20/LD4	1879730000	C.59
ZSI 2.5-2/2X2AN/G25	1826200000	C.58
ZSI 2.5-2/2X2AN/G25/GL	1826090000	C.58
ZSI 2.5/2 500AC	1616460000	C.56
ZSI 2.5/2/LD 120AC	1616490000	C.57
ZSI 2.5/2/LD 250AC	1616500000	C.57
ZSI 2.5/2/LD 28AC	1616470000	C.57
ZSI 2.5/2/LD 60AC	1616480000	C.57
ZSI 2.5/5X25	1730900000	C.55
ZSI 2.5/LD 120AC	1616420000	C.55
ZSI 2.5/LD 250AC	1616410000	C.55
ZSI 2.5/LD 28AC	1616440000	C.55
ZSI 2.5/LD 60AC	1616430000	C.55
ZSI 2X6/4X2.5	1265990000	C.64
ZSI 2X6/4X2.5 FC	1058520000	C.63
ZSI 6-2 2X2.5/G20	1820930000	C.60
ZSI 6-2 2X2.5/G20/GL	1820860000	C.60
ZSI 6-2 2X2.5/G20/LD1	1867500000	C.61
ZSI 6-2 2X2.5/G20/LD4	1879750000	C.61
ZSI 6-2 2X2.5/G25	1820950000	C.60
ZSI 6-2 2X2.5/G25/GL	1820940000	C.60
ZSI 6-2/FC	1814690000	C.62
ZSI 6-2/FC LD	1814700000	C.62
ZST	1678680000	C.151
ZST 1	1269070000	D.178

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ZT 2.5/2X2AN	1967200000	C.83
ZT 2.5/3AN/1	1815090000	C.82
ZT 2.5/4AN/2	1815110000	C.83
ZT 2.5/4AN/4	1815130000	C.83
ZT 4/2AN/1	1854960000	C.85
ZT 4/4AN/2	1848350000	C.85
ZTA 1	1609040000	C.142
ZTA 1/ZA	1609050000	C.142
ZTA 2 ZDU4	1609060000	C.142
ZTA 2/ZA ZDU4	1609070000	C.142
ZTA 3 ZDU6	1654050000	C.142
ZTA 4	1688110000	C.143
ZTA 5	1776210000	C.143
ZTA 5/ZA	1776220000	C.143
ZTA 6/ZA	1780660000	C.142
ZTA 7/ZA	1780670000	C.142
ZTA ZT2.5	1827080000	C.142
ZTA ZT2.5/ZA	1847600000	C.142
ZTA ZVLD	1210390000	C.26
ZTA ZVLD/ZA	1271870000	C.26
ZTC 2.5/4AN/4	1898450000	C.84
ZTCPE 2.5/4AN/4	1898480000	C.87
ZTD 6	1771810000	C.68
ZTD 6/STB	1771960000	C.69
ZTL 6	1771800000	C.68
ZTL 6/STB	1771950000	C.69
ZTPE 2.5/2AN/1	1815080000	C.86
ZTPE 2.5/3AN/1	1815100000	C.86
ZTPE 2.5/4AN/2	1815120000	C.87
ZTPE 2.5/4AN/4	1815140000	C.87
ZTPE 4/2AN/1	1854970000	C.88
ZTPE 4/4AN/2	1848330000	C.88
ZTR 2.5	1831280000	C.66
ZTR 2.5 BL	8731710000	C.66
ZTR 2.5 OR	8731680000	C.66
ZTR 2.5-2	1779010000	C.70
ZTR 2.5-2 BL	1779120000	C.70
ZTR 2.5-2 OR	1779130000	C.70
ZTR 2.5-2/O.TNHE	1779020000	C.70
ZTR 2.5/3AN	8731720000	C.66
ZTR 2.5/3AN BL	8731730000	C.66
ZTR 2.5/3AN OR	8731690000	C.66
ZTR 2.5/3AN/O.TNHE	8728450000	C.66
ZTR 2.5/4AN	7920900000	C.67
ZTR 2.5/4AN BL	7920930000	C.67
ZTR 2.5/4AN OR	7920940000	C.67
ZTR 2.5/4AN/O.TNHE	7920950000	C.67
ZTR 2.5/O.TNHE	1831130000	C.66
ZTR 6-2	1023830000	C.70
ZTR 6-2 E / 230V UC	8817930000	C.71
ZTR 6-2 E / 24V DC	8817920000	C.71
ZTTR 2.5	1865510000	C.93
ZTTR 2.5 O.TNHE	1905470000	C.93
ZTW ZDUB	1704340000	C.132
ZTW ZTL6	1771870000	C.133
ZTW ZTL6 OR	1771880000	C.133
ZVL 1.5	1649300000	C.111
ZVL 1.5 BL	1650360000	C.111
ZVL 1.5 BR	1650370000	C.111
ZVL 1.5 O.QV	1711930000	C.111
ZVL 1.5/PE GN/GE BED	1651970000	C.111
ZVLA DF ZPS2.5	1878600000	C.104
ZVLA RC ZPS2.5	1866260000	C.105
ZVLA SC ZPS2.5	1866240000	C.105
ZVLA1 ZPS2.5	1866250000	C.103
ZVLD 2.5	1208920000	C.26
ZVQ 2.5/1.5	1720700000	C.141
ZVR ZP2.5	1816130000	C.103
ZVR ZP4	1855250000	D.102
ZVR ZPS2.5	1878620000	C.100
ZZA 2.5	1646690000	C.149
ZZA 2.5/ZA	1649350000	C.149
ZZE ZP2.5	1816140000	C.103
ZZE ZP2.5/4	1866220000	C.100
ZZE ZP2.5/8	1866230000	C.100
ZZE ZP4	1855260000	D.102

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0101700000	TST 2/M6	F.13
0103300000	BFSC M4X9T	F.4

0110000000

0117500000	TS 15X5/LL 2M/ST/ZN	F.9
0117510000	TS 15X5/LL 1M/ST/ZN	F.9

0120000000

0122800000	TS 32X15 2M/ST/ZN	F.9
0124300000	H16,0/15	F.77
0124400000	H25,0/15	F.77
0124700000	H6,0/15	F.77
0124800000	H10,0/15	F.77

0130000000

0132660010	DEK 5 FW 10-500	F.21
0132961021	DEK 5 GS A	F.21
0132961022	DEK 5 GS B	F.21
0132961023	DEK 5 GS C	F.21
0132961024	DEK 5 GS D	F.21
0132961025	DEK 5 GS E	F.21
0132961026	DEK 5 GS F	F.21
0132961027	DEK 5 GS G	F.21
0132961028	DEK 5 GS H	F.21
0132961029	DEK 5 GS I	F.21
0132961030	DEK 5 GS J	F.21
0132961031	DEK 5 GS K	F.21
0132961032	DEK 5 GS L	F.21
0132961033	DEK 5 GS M	F.21
0132961034	DEK 5 GS N	F.21
0132961035	DEK 5 GS O	F.21
0132961036	DEK 5 GS P	F.21
0132961037	DEK 5 GS Q	F.21
0132961038	DEK 5 GS R	F.21
0132961039	DEK 5 GS S	F.21
0132961040	DEK 5 GS T	F.21
0132961041	DEK 5 GS U	F.21
0132961042	DEK 5 GS V	F.21
0132961043	DEK 5 GS W	F.21
0132961044	DEK 5 GS X	F.21
0132961045	DEK 5 GS Y	F.21
0132961046	DEK 5 GS Z	F.21
0133161114	DEK 5 FW U1-PE1	F.21
0133161115	DEK 5 FW U2-PE2	F.21
0133161116	DEK 5 FW U3-PE3	F.21
0133161117	DEK 5 FW U4-PE4	F.21
0133161118	DEK 5 FW U5-PE5	F.21
0133161119	DEK 5 FW U6-PE6	F.21
0133161120	DEK 5 FW U7-PE7	F.21
0133161121	DEK 5 FW U8-PE8	F.21
0133161122	DEK 5 FW U9-PE9	F.21
0133261150	DEK 5 FW X1-Z1	F.21
0133261151	DEK 5 FW X2-Z2	F.21
0133261152	DEK 5 FW X3-Z3	F.21
0133261153	DEK 5 FW X4-Z4	F.21
0133261154	DEK 5 FW X5-Z5	F.21
0133261155	DEK 5 FW X6-Z6	F.21
0133261156	DEK 5 FW X7-Z7	F.21
0133261157	DEK 5 FW X8-Z8	F.21
0133261158	DEK 5 FW X9-Z9	F.21
0133261159	DEK 5 FW X10-Z10	F.21
0133360001	DEK 6 FSZ 1-10	F.22
0133360011	DEK 6 FSZ 11-20	F.22
0133360021	DEK 6 FSZ 21-30	F.22
0133360031	DEK 6 FSZ 31-40	F.22
0133360041	DEK 6 FSZ 41-50	F.22
0133360051	DEK 6 FSZ 51-60	F.22
0133360061	DEK 6 FSZ 61-70	F.22
0133360071	DEK 6 FSZ 71-80	F.22
0133360081	DEK 6 FSZ 81-90	F.22
0133360091	DEK 6 FSZ 91-100	F.22
0134420000	KS 2 O.D2	D.136
0134500000	D2 KS2 TP	D.136
0134700000	TS 15X5 2M/AL/BK	F.9
0136400000	SS M4 D 128-A 4	D.48
0137400000	E 14/2A RS	D.48
0137500000	E 14/4A BR	D.48
0138000000	P 14/2 D01 RS SAKS4	D.48
0138100000	P 14/4 D01 BR SAKS4	D.48

0140000000

0140200000	STB 16/D7/4/M4 SAK35	D.173
0140320000	KS 4 O.D4	D.136
0140500000	D4 KS4 TP	D.136
0140620000	KS 6 O.D6	D.136
0140800000	D6 KS6 TP	D.136
0141620000	KS 10 O.D10	D.136
0141800000	D10 KS10 TP	D.136
0143200000	ELSB 2 BEZ. 1-2	D.136
0143500000	ELSB 10 BEZ. 1-10	D.136

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0150000000

0157261187	DEK 5 GS PE	F.21
0157261202	DEK 5 GS ERDE	F.21
0157261203	DEK 5 GS ERDE IM KREIS	F.21

0160000000

0164000000	TSTW 6/M6	F.13
0164400000	SS M3 D 128-A 3	D.37
0169300000	TS 32X15 2M/AL/BK	F.9
0169900000	STB 14/D6/4/M3 SAK10	D.173

0170000000

0178100000	TSTW 5/M5	F.13

0180000000

0180400000	PS 2.3 RT	D.173
0186100000	H2,5/12	F.77
0186500000	H1,5/10	F.77

0190000000

0191900000	H6,0/12	F.77
0192700000	G 25/2.00A/F BL	C.65
0192800000	G 25/4.00A/F BR	C.65
0192900000	G 25/6.30A/F GN	C.65
0193100000	G 25/10.0A/M RT	C.65
0194300000	QL 2 SAK6N	D.172
0194400000	QL 3 SAK6N	D.172
0194500000	QL 4 SAK6N	D.172
0197200000	BSTO 28/4 BK	D.137
0197300000	BSTB 28/4 BK U 1-4	D.137
0197400000	BSTO 28/6 BK	D.137
0197500000	BSTB 28/6 BK U 1-6	D.137
0198700000	BSTO 28/12 BK	D.137
0198800000	BSTB 28/12 BK U 1-12	D.137
0199360000	EWK 2	F.12

0200000000

0203500000	BSTO 28/2 BK	D.137
0203600000	BSTB 28/2 BK U 1-2	D.137
0203700000	BSTO 28/3 BK	D.137
0206160000	EWK 1	F.12
0207800000	QL 2 SAKS2	D.48
0208000000	QL 4 SAKS2	D.48
0208500000	E 16/10A RT TNDZ	D.48
0208600000	E 16/16A GR TNDZ	D.48
0208700000	E 16/20A BL TNDZ	D.48
0208800000	E 16/25A GE TNDZ	D.48
0208900000	P 16/10 RT SAKS2	D.48
0209000000	P 16/16 GR SAKS2	D.48
0209100000	P 16/20 BL SAKS2	D.48

0210000000

0210800000	ADL	D.158
0215700000	STB 8.5/D4/2.3/M2.5 AKZ	D.173

0220000000

0221200000	QL 15 SAK6N	D.71

0230000000

0235000000	IS 8 DIN 6911	F.63
0235860000	DEK 5 FWZ 1,3,5-19	F.21
0235960000	DEK 5 FWZ 21,23,25-39	F.21
0236060000	DEK 5 FWZ 41,43,45-59	F.21
0236160000	DEK 5 FWZ 2,4,6-20	F.21
0236260000	DEK 5 FWZ 22,24,26-40	F.21
0236360000	DEK 5 FWZ 42,44,46-60	F.21
0236400000	TS 35X15 2M/ST/ZN	F.10
0236500000	TS 35X15/LL 2M/ST/ZN	F.10
0236510000	TS 35X15/LL 1M/ST/ZN	F.10

0240000000

0241260000	MK 2/12	D.134
0243520000	MK 3/12	D.134
0243820000	MK 5/2 O.DE	D.136
0244060000	D 2 MK5/2 PA/NA	D.136
0244100000	H4,0/12	F.77
0244220000	MK 4/16	D.135
0245400000	GZ 12,5A/FF	C.65
0245700000	BSTB 28/12/6.35 U 1-12	D.134
0245800000	BSTO 28/12 MK	D.134
0245900000	BSTB 28/12 MK U 1-12	D.134
0248500000	VH 13.5/4.9/3.3 SAK4	D.76
0249000000	VH 12/4.9/3.3 SAK6N	D.71

0250000000

0258260000	HP 7 TSK31.5	F.15
0258360000	HP 8 ADP 1	F.15
0258660000	EW 35/SCHA/M3	D.76

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0259800000	SSCH 10X3X1000 MS/BK	F.3

0260000000

0262100000	BSTO 28/16 MK 4/16	D.135
0262200000	BSTB 28/16 MK U 1-16	D.135
0265800000	G 25/1.00A/M RT	C.65
0266500000	ZB 35/M6X16	F.6
0267100000	BFSC M4X30	F.4
0267200000	STB 25 IH/GE	D.65

0270000000

0270100000	TS 35X15/2.3 2M/CU/BK	F.10
0270760000	QS 2/12/4	D.71
0270860000	QS 2/10/4	D.71
0270960000	QS 2/8/4	B.23
0271200000	STB 25 IH/GN	D.65
0271300000	STB 25 IH/VI	D.65
0273820000	MK 3/2	D.134
0273920000	MK 3/3	D.134
0274020000	MK 3/4	D.134
0274120000	MK 3/5	D.134
0274220000	MK 3/6	D.134
0274320000	MK 3/7	D.134
0274420000	MK 3/8	D.134
0274620000	MK 3/10	D.134
0278500000	BSTB 28/12/6.35 O 1-12	D.134

0280000000

0280100000	DKSUE NSCH/ESCH	F.3
0280200000	NSCH 1M	F.3
0280300000	ESCH 1 M	F.3
0280600000	STB 8.5/5/2.3/M3 SAK2.5	D.72
0282600000	H0,5/6	F.77
0282700000	H0,75/6	F.77
0282800000	H1,0/10	F.77
0282900000	H10,0/12	F.77
0284110000	SK E16/SAKS2	D.48
0284700000	BSTO 28/8 MK3/8	D.134
0289300000	BSTO 28/4 MK3/4	D.134
0289500000	BSTO 28/6 MK	D.134

0290000000

0290000000	BSTB 28/6 MK U 1-6	D.134
0290200000	BSTB 28/8 MK U 1-8	D.134
0292460000	SCHT 5	F.31
0293220000	TS 32X15 2M/CRN	F.9
0293800000	PS 2.0 OR	C.143
0293900000	GZ 10.0A	C.65
0294000000	STR 5 F.SCHT 5	F.31
0294360000	AKZ 4	D.131
0294380000	AKZ 4 BL	D.131
0294420000	AP AKZ4 KRG	D.158
0294430000	AP AKZ4 KRS	D.158
0294460000	AP AKZ4	D.131
0294480000	AP AKZ4 BL	D.131
0294500000	GZ 2.0A	C.65
0294600000	GZ 5.0A	C.65
0295700000	GZ 3.0A	C.65
0295800000	GZ 7.0A	C.65
0295900000	FKSC M5X8 D9/SW2.5	F.13
0296700000	BFSC M5X8 Schlitz	F.3
0299600000	PS 4 F.STB 4	C.69
0299860000	SH 1	F.4

0300000000

0303000000	KISC M3X20.5/10 EK4	D.76
0307300000	QVS 2 SAKT1+2	D.65
0307400000	QVS 4 SAKT1+2	D.70
0309700000	VH 16/5/3.5 SAK10-35	D.63

0310000000

0316500000	ZB 4	F.6
0316600000	ZB 16 ZKSC	F.6
0317000000	H25,0/30 BR	F.66
0317100000	H25,0/36 BR	F.66
0317200000	H35,0/30 BE	F.66
0317300000	H35,0/39 BE	F.66
0318000000	VH 19/6/4.2 SAKT1	D.65
0318560000	TW AKZ2.5	D.130
0319160000	TSCH 1	D.92

0320000000

0322110000	ZB 4G SW	F.7
0322160000	ZB 4G GN/GE	F.7
0322180000	ZB 4G BL	F.7
0328000000	QL 2 SAKS4	D.48
0328100000	QL 3 SAKS4	D.48
0328300000	E 14/6A GN	D.48
0328400000	E 14/10A RT	D.48
0328500000	E 14/16A GR	D.52
0328600000	P 14/6 D01 GN SAKS4	D.53
0328700000	P 14/10 D01 RT SAKS4	D.53

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0329300000	QVS 3 SAKT1+2	D.70

0330000000

0330800000	TS 35X7.5 2M/AL/BK	F.10
0334700000	BS 25 O.IH SAKT1	D.71
0334900000	MB M6/M4 GR	F.14
0335200000	BS 25 IH/SW SAKT1	D.71
0335300000	BS 25 IH/GR SAKT1	D.71
0335400000	BS 25 IH/BL SAKT1	D.71
0335500000	BS 25 IH/RT SAKT1	D.71
0335600000	BS 25 IH/GN SAKT1	D.71
0335700000	BS 25 IH/GE SAKT1	D.71
0335800000	BS 25 IH/VI SAKT1	D.71
0336400000	Q 2 AKZ4	D.131
0336500000	Q 3 AKZ4	D.131
0336600000	Q 4 AKZ4	D.131
0338300000	QL 10 SAK6N	D.172
0338900000	QL 10 SAKS2	D.48
0339000000	QL 10 SAKS4	D.48
0339410000	SK E14 SAKS4	D.48

0340000000

0340460000	AKZ 1.5	D.130
0340480000	AKZ 1.5 BL	D.130
0340560000	AP AKZ1.5	D.130
0340580000	AP AKZ1.5 BL	D.130
0341000000	STB 30.5 IH/SW	D.70
0341100000	STB 30.5 IH/GR	D.70
0341200000	STB 30.5 IH/BL	D.70
0341300000	STB 30.5 IH/RT	D.70
0341400000	STB 30.5 IH/GN	D.70
0341500000	STB 30.5 IH/GE	D.70
0341600000	STB 30.5 IH/VI	D.70
0343400000	STB 25 IH/BL	D.65
0347960000	TSK 31.5 GR	F.15
0348260000	TW AKZ4	D.131
0348900000	SSCH 10X3X1000 CU/SN	F.3

0350000000

0353500000	FKSC M6X12 D9/SW3	F.13
0353660000	TSCH 2	D.65
0354361187	DEK 5 FWZ L1-PE	F.21
0354361203	DEK 5 FWZ L1-EIK	F.21
0357400000	SSCH 15X6X1000 CU/SN	F.3
0358460000	QVS 2/S SAKT1+2	D.70
0359310000	SK E18 SAKS5	D.49
0359560000	AKZ 4/10	D.182
0359660000	AKZ 4/10/BEZ	D.182

0360000000

0361300000	E 18/20A BL	D.49
0361400000	E 18/25A GE	D.49
0361500000	E 18/35A SW	D.49
0361600000	E 18/50A WS	D.52
0361700000	E 18/63A KU	D.52
0361800000	P 18/20 D02 BL SAKS5	D.49
0361900000	P 18/25 D02 GE SAKS5	D.49
0362000000	P 18/35 D02 SW SAKS5	D.49
0362100000	P 18/50 D02 WS SAKS5	D.49
0364200000	AK 95	F.5
0368200000	Q 2 AKZ1.5	D.130
0368300000	Q 3 AKZ1.5	D.130
0368400000	Q 4 AKZ1.5	D.130
0368500000	Q 10 AKZ1.5	D.130
0368600000	Q 10 AKZ4	D.131
0368900000	H35,0/18	F.77
0369000000	Q 2 AKZ4SS	D.17
0369300000	Q 10 AKZ4SS	D.17

0370000000

0372600000	H1,0/6	F.77
0372700000	H1,5/7	F.77
0373000000	H2,5/7	F.77
0373100000	H4,0/9	F.77
0375200000	H16,0/18	F.77
0375300000	H25,0/18	F.77
0379300000	H10,0/18	F.77

0380000000

0380260000	AKE 4	D.131
0382860000	EW 15	F.12
0383400000	TS 35X7.5 2M/ST/ZN	F.10
0383410000	TS 35X7.5 1M/ST/ZN	F.10
0383530000	EW 35 GR 7032	F.12
0383560000	EW 35	F.12
0388500000	STB 35 IH/SW	D.70
0388600000	STB 35 IH/GR	D.70
0388700000	STB 35 IH/BL	D.70
0388800000	STB 35 IH/RT	D.70
0388900000	STB 35 IH/GN	D.65
0389000000	STB 35 IH/GE	D.65
0389100000	STB 35 IH/VI	D.65

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0401460000	SO SH1	F.4
0407360001	DEK 6,5 FSZ 1-10	F.23
0407360011	DEK 6,5 FSZ 11-20	F.23
0407360021	DEK 6,5 FSZ 21-30	F.23
0407360031	DEK 6,5 FSZ 31-40	F.23
0407360041	DEK 6,5 FSZ 41-50	F.23
0407360051	DEK 6,5 FSZ 51-60	F.23
0407360061	DEK 6,5 FSZ 61-70	F.23
0407360071	DEK 6,5 FSZ 71-80	F.23
0407360081	DEK 6,5 FSZ 81-90	F.23
0407360091	DEK 6,5 FSZ 91-100	F.23
0407900000	IS 6 DIN 6911	F.63
0409500000	H0,5/12 OR	F.66
0409600000	H0,75/12 W	F.66
0409700000	H1,0/12 GE	F.66

0430000000

0430300000	G 20/0.10A/F	C.65
0430400000	G 20/0.20A/F	C.65
0430500000	G 20/0.25A/F	C.65
0430600000	G 20/0.50A/F	C.65
0430700000	G 20/1.00A/F	C.65
0430800000	G 20/1.60A/F	C.65
0430900000	G 20/2.00A/F	C.65
0431000000	G 20/2.50A/F	C.65
0431100000	G 20/3.15A/F	C.65
0431200000	G 20/4.00A/F	C.65
0431300000	G 20/5.00A/F	C.65
0431400000	G 20/6.30A/F	C.65
0438000000	SSCH 10X3X1000 ST/ZN	F.3
0439000000	G 20/0.63A/F	C.65

0440000000

0444200000	H50/36 OLIV	F.66
0445600000	MEW 1/32	F.12

0450000000

0459500000	ZBE 6	F.6

0460000000

0460660001	DEK 5 FSZ 1-10	F.21
0460660011	DEK 5 FSZ 11-20	F.21
0460660021	DEK 5 FSZ 21-30	F.21
0460660031	DEK 5 FSZ 31-40	F.21
0460660041	DEK 5 FSZ 41-50	F.21
0460660051	DEK 5 FSZ 51-60	F.21
0460660061	DEK 5 FSZ 61-70	F.21
0460660071	DEK 5 FSZ 71-80	F.21
0460660081	DEK 5 FSZ 81-90	F.21
0460660091	DEK 5 FSZ 91-100	F.21
0462900000	H0,75/14 W	F.66
0463000000	H1,0/14 GE	F.66
0463100000	H1,5/14 R	F.66
0468060000	DEK 6.5 NEUTRAL	F.23
0468091686	DEK 6.5 RT NEUTRAL	F.23
0468091687	DEK 6.5 GE NEUTRAL	F.23
0468091688	DEK 6.5 GN NEUTRAL	F.23
0468091689	DEK 6.5 VI NEUTRAL	F.23
0468091690	DEK 6.5 OR NEUTRAL	F.23
0468091693	DEK 6.5 BL NEUTRAL	F.23
0468091694	DEK 6.5 SW NEUTRAL	F.23
0468160001	DEK 6,5 FW 1-50	F.23
0468160051	DEK 6,5 FW 51-100	F.23
0468160101	DEK 6,5 FW 101-150	F.23
0468160151	DEK 6,5 FW 151-200	F.23
0468160201	DEK 6,5 FW 201-250	F.23
0468160251	DEK 6,5 FW 251-300	F.23
0468160301	DEK 6,5 FW 301-350	F.23
0468160351	DEK 6,5 FW 351-400	F.23
0468160401	DEK 6,5 FW 401-450	F.23
0468160451	DEK 6,5 FW 451-500	F.23
0468160501	DEK 6,5 FW 501-550	F.23
0468260001	DEK 6,5 FS 1-50	F.23
0468260051	DEK 6,5 FS 51-100	F.23
0468260101	DEK 6,5 FS 101-150	F.23
0468560000	DEK 6 NEUTRAL	F.23
0468591686	DEK 6 RT NEUTRAL	F.23
0468591687	DEK 6 GE NEUTRAL	F.22
0468591688	DEK 6 GN NEUTRAL	F.22
0468591689	DEK 6 VI NEUTRAL	F.23
0468591690	DEK 6 OR NEUTRAL	F.23
0468591691	DEK 6 GR NEUTRAL	F.22
0468591692	DEK 6 BR NEUTRAL	F.22
0468591693	DEK 6 BL NEUTRAL	F.22
0468591694	DEK 6 SW NEUTRAL	F.23
0468660001	DEK 6 FW 1-50	F.22
0468660051	DEK 6 FW 51-100	F.22
0468660101	DEK 6 FW 101-150	F.22
0468660151	DEK 6 FW 151-200	F.22
0468660201	DEK 6 FW 201-250	F.22
0468660251	DEK 6 FW 251-300	F.22
0468660301	DEK 6 FW 301-350	F.22
0468660351	DEK 6 FW 351-400	F.22

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0468660401	DEK 6 FW 401-450	F.22
0468660451	DEK 6 FW 451-500	F.22
0468660501	DEK 6 FW 501-550	F.22
0468660551	DEK 6 FW 551-600	F.22
0468660601	DEK 6 FW 601-650	F.22
0468660651	DEK 6 FW 651-700	F.22
0468660701	DEK 6 FW 701-750	F.22
0468660751	DEK 6 FW 751-800	F.22
0468660801	DEK 6 FW 801-850	F.22
0468660851	DEK 6 FW 851-900	F.22
0468660901	DEK 6 FW 901-950	F.22
0468660951	DEK 6 FW 951-999	F.22
0468760001	DEK 6 FS 1-50	F.22
0468760051	DEK 6 FS 51-100	F.22
0468760101	DEK 6 FS 101-150	F.22
0468760151	DEK 6 FS 151-200	F.22
0468760201	DEK 6 FS 201-250	F.22
0468760251	DEK 6 FS 251-300	F.22
0468760301	DEK 6 FS 301-350	F.22
0468760351	DEK 6 FS 351-400	F.22
0468760401	DEK 6 FS 401-450	F.22
0468760451	DEK 6 FS 451-500	F.22
0468760501	DEK 6 FS 501-550	F.22
0468760551	DEK 6 FS 551-600	F.22
0468760601	DEK 6 FS 601-650	F.22
0468760651	DEK 6 FS 651-700	F.22
0468760701	DEK 6 FS 701-750	F.22
0468760751	DEK 6 FS 751-800	F.22
0468760801	DEK 6 FS 801-850	F.22
0468760851	DEK 6 FS 851-900	F.22
0468760901	DEK 6 FS 901-950	F.22
0468760951	DEK 6 FS 951-999	F.22

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0470700000	QL 2 SAK16	D.43
0470800000	QL 3 SAK16	D.43
0470900000	QL 4 SAK16	D.43
0471000000	QL 10 SAK16	D.43
0473360000	DEK 5 NEUTRAL	F.22
0473391686	DEK 5 RT NEUTRAL	F.22
0473391687	DEK 5 GE NEUTRAL	F.21
0473391688	DEK 5 GN NEUTRAL	F.21
0473391689	DEK 5 VI NEUTRAL	F.22
0473391690	DEK 5 OR NEUTRAL	F.22
0473391691	DEK 5 GR NEUTRAL	F.21
0473391692	DEK 5 BR NEUTRAL	F.21
0473391693	DEK 5 BL NEUTRAL	F.21
0473391694	DEK 5 SW NEUTRAL	F.22
0473460001	DEK 5 FW 1-50	F.21
0473460051	DEK 5 FW 51-100	F.21
0473460101	DEK 5 FW 101-150	F.21
0473460151	DEK 5 FW 151-200	F.21
0473460201	DEK 5 FW 201-250	F.21
0473460251	DEK 5 FW 251-300	F.21
0473460301	DEK 5 FW 301-350	F.21
0473460351	DEK 5 FW 351-400	F.21
0473460401	DEK 5 FW 401-450	F.21
0473460451	DEK 5 FW 451-500	F.21
0473460501	DEK 5 FW 501-550	F.21
0473460551	DEK 5 FW 551-600	F.21
0473460601	DEK 5 FW 601-650	F.21
0473460651	DEK 5 FW 651-700	F.21
0473460701	DEK 5 FW 701-750	F.21
0473460751	DEK 5 FW 751-800	F.21
0473460801	DEK 5 FW 801-850	F.21
0473460851	DEK 5 FW 851-900	F.21
0473460901	DEK 5 FW 901-950	F.21
0473460951	DEK 5 FW 951-999	F.21
0473560001	DEK 5 FS 1-50	F.21
0473560051	DEK 5 FS 51-100	F.21
0473560101	DEK 5 FS 101-150	F.21
0473560151	DEK 5 FS 151-200	F.21
0473560201	DEK 5 FS 201-250	F.21
0473560251	DEK 5 FS 251-300	F.21
0473560301	DEK 5 FS 301-350	F.21
0473560351	DEK 5 FS 351-400	F.21
0473560401	DEK 5 FS 401-450	F.21
0473560451	DEK 5 FS 451-500	F.21
0473560501	DEK 5 FS 501-550	F.21
0473560551	DEK 5 FS 551-600	F.21
0473560601	DEK 5 FS 601-650	F.21
0473560651	DEK 5 FS 651-700	F.21
0473560701	DEK 5 FS 701-750	F.21
0473560751	DEK 5 FS 751-800	F.21
0473560801	DEK 5 FS 801-850	F.21
0473560851	DEK 5 FS 851-900	F.21
0473560901	DEK 5 FS 901-950	F.21
0473560951	DEK 5 FS 951-999	F.21
0475360000	ZB 4K GE/GN	F.7
0475380000	ZB 4K BL	F.7
0475460000	IK 4 GG ZB4	F.6
0475480000	IK 4 BL ZB4	F.6

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0485100000	IS 4 DIN 6911	F.63
0485200000	ADP 1/HP1 1M	F.15
0485300000	ADP 2/HP2 1M	F.15

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0485400000	ADP 3/HP3 1M	F.15
0485560000	HP 1 ADP1	F.15
0485660000	HP 2 ADP2	F.15
0485760000	HP 3 ADP3	F.15
0485860000	HP 4 ADP3	F.15

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0492500000	H16,0/12	F.77
0494920000	SH 2	F.4
0495660000	MOFU 35	F.14
0498000000	TS 35X15/2.3 2M/ST/ZN	F.10

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0501800000	SAKS 4/35 DB	D.48
0502100000	SAKS 5/35 DB	D.49
0502610000	ZB 35K SW M6X16	F.7
0502660000	ZB 35K GE/GN M6X16	F.7
0502680000	ZB 35K BL M6X16	F.7
0502780000	IK 35/ZB35 BL	F.6
0502860000	ZB 16K GE/GN	F.7
0502880000	ZB 16K BL	F.7
0502960000	IK 16/ZB16 GG	F.6
0502980000	IK 16/ZB16 BL	F.6
0503500000	MB M3/M5 CRM	F.14
0508401694	STI Waterproof schwarz	F.39

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0510300000	G 25/0.50A/M WS	C.65
0514200000	TS 15X5 2M/ST/ZN	F.9
0514300000	TSK 35X15 2M PVC/GR	F.11
0514400000	TS 32X15/LL 2M/ST/ZN	F.9
0514500000	TS 35X7.5/LL 2M/ST/ZN	F.10
0514510000	TS 35X7.5/LL 1M/ST/ZN	F.10
0514570000	TS 35X7.5/LL/6 2M/ST/ZN	F.10
0515300000	STR 7 F.SCHT 7	F.31
0517960000	SCHT 7	F.31
0518960001	DEK 6 FWZ 1-10	F.22
0518960011	DEK 6 FWZ 11-20	F.22
0518960021	DEK 6 FWZ 21-30	F.22
0518960031	DEK 6 FWZ 31-40	F.22
0518960041	DEK 6 FWZ 41-50	F.22
0518960051	DEK 6 FWZ 51-60	F.22
0518960061	DEK 6 FWZ 61-70	F.22
0518960071	DEK 6 FWZ 71-80	F.22
0518960081	DEK 6 FWZ 81-90	F.22
0518960091	DEK 6 FWZ 91-100	F.22
0518960101	DEK 6 FWZ 101-110	F.22
0518960111	DEK 6 FWZ 111-120	F.22
0518960121	DEK 6 FWZ 121-130	F.22
0518960131	DEK 6 FWZ 131-140	F.22
0518960141	DEK 6 FWZ 141-150	F.22
0518960151	DEK 6 FWZ 151-160	F.22
0518960161	DEK 6 FWZ 161-170	F.22
0518960171	DEK 6 FWZ 171-180	F.22
0518960181	DEK 6 FWZ 181-190	F.22
0518960191	DEK 6 FWZ 191-200	F.22
0518960201	DEK 6 FWZ 201-210	F.22
0519060001	DEK 6,5 FWZ 1-10	F.23
0519060011	DEK 6,5 FWZ 11-20	F.23
0519060021	DEK 6,5 FWZ 21-30	F.23
0519060031	DEK 6,5 FWZ 31-40	F.23
0519060041	DEK 6,5 FWZ 41-50	F.23
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0519060061	DEK 6,5 FWZ 61-70	F.23
0519060071	DEK 6,5 FWZ 71-80	F.23
0519060081	DEK 6,5 FWZ 81-90	F.23
0519060091	DEK 6,5 FWZ 91-100	F.23

0520000000

0522361075	DEK 5 GW L1	F.22
0522361076	DEK 5 GW L2	F.22
0522361077	DEK 5 GW L3	F.22
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0522660002	DEK 5 GW 2	F.21
0522660003	DEK 5 GW 3	F.21
0522660004	DEK 5 GW 4	F.21
0522660005	DEK 5 GW 5	F.21
0522660006	DEK 5 GW 6	F.21
0522660007	DEK 5 GW 7	F.21
0522660008	DEK 5 GW 8	F.21
0522660009	DEK 5 GW 9	F.21
0522660010	DEK 5 GW 10	F.21
0522660011	DEK 5 GW 11	F.21
0522660012	DEK 5 GW 12	F.21
0522660013	DEK 5 GW 13	F.21
0522660014	DEK 5 GW 14	F.21
0522660015	DEK 5 GW 15	F.21
0522660016	DEK 5 GW 16	F.21
0522660017	DEK 5 GW 17	F.21
0522660018	DEK 5 GW 18	F.21
0522660019	DEK 5 GW 19	F.21
0522660020	DEK 5 GW 20	F.21
0522660021	DEK 5 GW 21	F.21
0522660022	DEK 5 GW 22	F.21
0522660023	DEK 5 GW 23	F.21

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0522660024	DEK 5 GW 24	F.21
0522660025	DEK 5 GW 25	F.21
0522660026	DEK 5 GW 26	F.21
0522660027	DEK 5 GW 27	F.21
0522660028	DEK 5 GW 28	F.21
0522660029	DEK 5 GW 29	F.21
0522660030	DEK 5 GW 30	F.21
0522660031	DEK 5 GW 31	F.21
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0522660033	DEK 5 GW 33	F.21
0522660034	DEK 5 GW 34	F.21
0522660035	DEK 5 GW 35	F.21
0522660036	DEK 5 GW 36	F.21
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0522660038	DEK 5 GW 38	F.21
0522660039	DEK 5 GW 39	F.21
0522660040	DEK 5 GW 40	F.21
0522660041	DEK 5 GW 41	F.21
0522660042	DEK 5 GW 42	F.21
0522660043	DEK 5 GW 43	F.21
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0522660055	DEK 5 GW 55	F.21
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0522660059	DEK 5 GW 59	F.21
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0522660062	DEK 5 GW 62	F.21
0522660063	DEK 5 GW 63	F.21
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0522660065	DEK 5 GW 65	F.21
0522660066	DEK 5 GW 66	F.21
0522660067	DEK 5 GW 67	F.21
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0522660069	DEK 5 GW 69	F.21
0522660070	DEK 5 GW 70	F.21
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0522660085	DEK 5 GW 85	F.21
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0522660099	DEK 5 GW 99	F.21
0522660100	DEK 5 GW 100	F.21
0522660101	DEK 5 GW 101	F.21
0522660102	DEK 5 GW 102	F.21
0522660103	DEK 5 GW 103	F.21
0522660104	DEK 5 GW 104	F.21
0522660105	DEK 5 GW 105	F.21
0522660106	DEK 5 GW 106	F.21
0522660107	DEK 5 GW 107	F.21
0522660108	DEK 5 GW 108	F.21
0522660109	DEK 5 GW 109	F.21
0522660110	DEK 5 GW 110	F.21
0522660111	DEK 5 GW 111	F.21
0522660112	DEK 5 GW 112	F.21
0522660113	DEK 5 GW 113	F.21
0522660114	DEK 5 GW 114	F.21
0522660115	DEK 5 GW 115	F.21
0522660116	DEK 5 GW 116	F.21
0522660117	DEK 5 GW 117	F.21
0522660118	DEK 5 GW 118	F.21
0522660119	DEK 5 GW 119	F.21
0522660120	DEK 5 GW 120	F.21
0522660121	DEK 5 GW 121	F.21
0522660122	DEK 5 GW 122	F.21

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0522660123	DEK 5 GW 123	F.21
0522660124	DEK 5 GW 124	F.21
0522660125	DEK 5 GW 125	F.21
0522660126	DEK 5 GW 126	F.21
0522660127	DEK 5 GW 127	F.21
0522660128	DEK 5 GW 128	F.21
0522660129	DEK 5 GW 129	F.21
0522660130	DEK 5 GW 130	F.21
0522660131	DEK 5 GW 131	F.21
0522660132	DEK 5 GW 132	F.21
0522660133	DEK 5 GW 133	F.21
0522660134	DEK 5 GW 134	F.21
0522660135	DEK 5 GW 135	F.21
0522660136	DEK 5 GW 136	F.21
0522660137	DEK 5 GW 137	F.21
0522660138	DEK 5 GW 138	F.21
0522660139	DEK 5 GW 139	F.21
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0522660141	DEK 5 GW 141	F.21
0522660142	DEK 5 GW 142	F.21
0522660143	DEK 5 GW 143	F.21
0522660144	DEK 5 GW 144	F.21
0522660145	DEK 5 GW 145	F.21
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0522660147	DEK 5 GW 147	F.21
0522660148	DEK 5 GW 148	F.21
0522660149	DEK 5 GW 149	F.21
0522660150	DEK 5 GW 150	F.21
0522660151	DEK 5 GW 151	F.21
0522660152	DEK 5 GW 152	F.21
0522660153	DEK 5 GW 153	F.21
0522660154	DEK 5 GW 154	F.21
0522660155	DEK 5 GW 155	F.21
0522660156	DEK 5 GW 156	F.21
0522660157	DEK 5 GW 157	F.21
0522660158	DEK 5 GW 158	F.21
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0522660160	DEK 5 GW 160	F.21
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0522660162	DEK 5 GW 162	F.22
0522660163	DEK 5 GW 163	F.22
0522660164	DEK 5 GW 164	F.22
0522660165	DEK 5 GW 165	F.22
0522660166	DEK 5 GW 166	F.22
0522660167	DEK 5 GW 167	F.22
0522660168	DEK 5 GW 168	F.22
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0522660171	DEK 5 GW 171	F.22
0522660172	DEK 5 GW 172	F.22
0522660173	DEK 5 GW 173	F.22
0522660174	DEK 5 GW 174	F.22
0522660175	DEK 5 GW 175	F.22
0522660176	DEK 5 GW 176	F.22
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0522660186	DEK 5 GW 186	F.22
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0522660192	DEK 5 GW 192	F.22
0522660193	DEK 5 GW 193	F.22
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0522660196	DEK 5 GW 196	F.22
0522660197	DEK 5 GW 197	F.22
0522660198	DEK 5 GW 198	F.22
0522660199	DEK 5 GW 199	F.22
0522660200	DEK 5 GW 200	F.22
0522761021	DEK 5 GW A	F.22
0522761022	DEK 5 GW B	F.22
0522761023	DEK 5 GW C	F.22
0522761024	DEK 5 GW D	F.22
0522761025	DEK 5 GW E	F.22
0522761026	DEK 5 GW F	F.22
0522761027	DEK 5 GW G	F.22
0522761028	DEK 5 GW H	F.22
0522761029	DEK 5 GW I	F.22
0522761030	DEK 5 GW J	F.22
0522761031	DEK 5 GW K	F.22
0522761032	DEK 5 GW L	F.22
0522761033	DEK 5 GW M	F.22
0522761034	DEK 5 GW N	F.22
0522761035	DEK 5 GW O	F.22
0522761036	DEK 5 GW P	F.22
0522761037	DEK 5 GW Q	F.22
0522761038	DEK 5 GW R	F.22
0522761039	DEK 5 GW S	F.22
0522761040	DEK 5 GW T	F.22
0522761041	DEK 5 GW U	F.22

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0522761042	DEK 5 GW V	F.22
0522761043	DEK 5 GW W	F.22
0522761044	DEK 5 GW X	F.22
0522761045	DEK 5 GW Y	F.22
0522761046	DEK 5 GW Z	F.22
0523060001	DEK 5 FWZ 1-10	F.21
0523060011	DEK 5 FWZ 11-20	F.21
0523060021	DEK 5 FWZ 21-30	F.21
0523060031	DEK 5 FWZ 31-40	F.21
0523060041	DEK 5 FWZ 41-50	F.21
0523060051	DEK 5 FWZ 51-60	F.21
0523060061	DEK 5 FWZ 61-70	F.21
0523060071	DEK 5 FWZ 71-80	F.21
0523060081	DEK 5 FWZ 81-90	F.21
0523060091	DEK 5 FWZ 91-100	F.21
0525500000	GZ 1.0A/F	C.65
0525910000	ZBE 6K SW	F.7
0525960000	ZBE 6K GE/GN	F.7
0525980000	ZBE 6K BL	F.7
0526060000	IK 6 GG ZBE6K	F.6
0526960001	DEK 6 GW 1	F.22
0526960002	DEK 6 GW 2	F.22
0526960003	DEK 6 GW 3	F.22
0526960004	DEK 6 GW 4	F.22
0526960005	DEK 6 GW 5	F.22
0526960006	DEK 6 GW 6	F.22
0526960007	DEK 6 GW 7	F.22
0526960008	DEK 6 GW 8	F.22
0526960009	DEK 6 GW 9	F.22
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0526960012	DEK 6 GW 12	F.22
0526960013	DEK 6 GW 13	F.22
0526960014	DEK 6 GW 14	F.22
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0526960016	DEK 6 GW 16	F.22
0526960017	DEK 6 GW 17	F.22
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0526960019	DEK 6 GW 19	F.22
0526960020	DEK 6 GW 20	F.22
0526960021	DEK 6 GW 21	F.22
0526960022	DEK 6 GW 22	F.22
0526960023	DEK 6 GW 23	F.22
0526960024	DEK 6 GW 24	F.22
0526960025	DEK 6 GW 25	F.22
0526960026	DEK 6 GW 26	F.22
0526960027	DEK 6 GW 27	F.22
0526960028	DEK 6 GW 28	F.22
0526960029	DEK 6 GW 29	F.22
0526960030	DEK 6 GW 30	F.22
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0526960032	DEK 6 GW 32	F.22
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0526960034	DEK 6 GW 34	F.22
0526960035	DEK 6 GW 35	F.22
0526960036	DEK 6 GW 36	F.22
0526960037	DEK 6 GW 37	F.22
0526960038	DEK 6 GW 38	F.22
0526960039	DEK 6 GW 39	F.22
0526960040	DEK 6 GW 40	F.22
0526960041	DEK 6 GW 41	F.22
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0526960043	DEK 6 GW 43	F.22
0526960044	DEK 6 GW 44	F.22
0526960045	DEK 6 GW 45	F.22
0526960046	DEK 6 GW 46	F.22
0526960047	DEK 6 GW 47	F.22
0526960048	DEK 6 GW 48	F.22
0526960049	DEK 6 GW 49	F.22
0526960050	DEK 6 GW 50	F.22
0526960051	DEK 6 GW 51	F.22
0526960052	DEK 6 GW 52	F.22
0526960053	DEK 6 GW 53	F.22
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0526960055	DEK 6 GW 55	F.22
0526960056	DEK 6 GW 56	F.22
0526960057	DEK 6 GW 57	F.22
0526960058	DEK 6 GW 58	F.22
0526960059	DEK 6 GW 59	F.22
0526960060	DEK 6 GW 60	F.22
0526960061	DEK 6 GW 61	F.22
0526960062	DEK 6 GW 62	F.22
0526960063	DEK 6 GW 63	F.22
0526960064	DEK 6 GW 64	F.22
0526960065	DEK 6 GW 65	F.22
0526960066	DEK 6 GW 66	F.22
0526960067	DEK 6 GW 67	F.22
0526960068	DEK 6 GW 68	F.22
0526960069	DEK 6 GW 69	F.22
0526960070	DEK 6 GW 70	F.22
0526960071	DEK 6 GW 71	F.22
0526960072	DEK 6 GW 72	F.22
0526960073	DEK 6 GW 73	F.22
0526960074	DEK 6 GW 74	F.22
0526960075	DEK 6 GW 75	F.22
0526960076	DEK 6 GW 76	F.22
0526960077	DEK 6 GW 77	F.22
0526960078	DEK 6 GW 78	F.22
0526960079	DEK 6 GW 79	F.22

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0526960080	DEK 6 GW 80	F.22
0526960081	DEK 6 GW 81	F.22
0526960082	DEK 6 GW 82	F.22
0526960083	DEK 6 GW 83	F.22
0526960084	DEK 6 GW 84	F.22
0526960085	DEK 6 GW 85	F.22
0526960086	DEK 6 GW 86	F.22
0526960087	DEK 6 GW 87	F.22
0526960088	DEK 6 GW 88	F.22
0526960089	DEK 6 GW 89	F.22
0526960090	DEK 6 GW 90	F.22
0526960091	DEK 6 GW 91	F.22
0526960092	DEK 6 GW 92	F.22
0526960093	DEK 6 GW 93	F.22
0526960094	DEK 6 GW 94	F.22
0526960095	DEK 6 GW 95	F.23
0526960096	DEK 6 GW 96	F.23
0526960097	DEK 6 GW 97	F.23
0526960098	DEK 6 GW 98	F.23
0526960099	DEK 6 GW 99	F.23
0526960100	DEK 6 GW 100	F.23
0526961000	DEK 6 GW 0	F.22

0530000000

0531760000	SSP 3 SAKT1	D.70
0533500000	H6,0/20 SW	F.66
0533800000	GZ 0.5A/F	C.65
0534200000	H10,0/22 EB	F.66
0537261187	DEK 5 GW PE	F.22
0537261188	DEK 5 GW PEN	F.22
0537261235	DEK 5 GW Mp	F.22

0540000000

0542500000	H0,75/10	F.77
0545300000	QB 58/8/9/WI	D.63
0546000000	ISPF QB58 SW	D.63
0546900000	G 25/0.25A/M GE	C.65

0550000000

0553400000	MB M5/M3 SW	F.14
0556660000	SH 3	F.4
0556700000	ZB 4/6	F.6
0556800000	ZB 16/6	F.6
0558360000	DEK 5 FWZ U,V,W,N,PE	F.21

0560000000

0565460000	ZB 4/6K GE/GN	F.7
0565480000	ZB 4/6K BL	F.7
0565600000	H1,5/24 R	F.66
0565700000	H6,0/26 SW	F.66
0565800000	H10,0/28 EB	F.66
0565900000	H16,0/22 GN	F.66
0566000000	H16,0/28 GN	F.66
0566700000	BEZ.-KARTE ADP	F.15
0567300000	PZ 3	F.51
0569660000	ZB 16/6K GE/GN	F.7

0570000000

0571300000	SSCH 6X6X1000 CU/SN	F.3
0576260000	DEK 5 GW	F.21
0576261198	DEK 5 GW +	F.22
0576261199	DEK 5 GW -	F.22
0576261202	DEK 5 GW ERDE	F.22
0576261203	DEK 5 GW ERDE I.KR.	F.22
0576261215	DEK 5 GW W-STROM	F.22
0576291737	DEK 5 GW RT/SW +	F.22
0576291741	DEK 5 GW BL/SW -	F.22

0620000000

0620120000	MK 6/6	D.135
0620220000	MK 6/4	D.135
0620320000	MK 6/3	D.135
0620420000	MK 6/2	D.135
0624720000	BK 2 CRN	D.137
0624920000	BK 3 CRN	D.137
0625120000	BK 4 CRN	D.137
0625220000	BK 6 CRN	D.137
0625320000	BK 12 CRN	D.137

0630000000

0631860000	DEK 6 FWZ R,S,T,N,ERDE	F.22
0631961187	DEK 6 FWZ L1-PE	F.22
0631961203	DEK 6 FWZ L1-ERDE I.KRE	F.22
0632060000	DEK 6,5 FWZ R,S,T,N,ERD	F.23
0632161187	DEK 6,5 FW L1-PE	F.23
0632161203	DEK 6,5 FW L1-ERDE I.KR	F.23
0632560000	DEK 6 FW L,N,PE	F.22
0635100000	H1,5/16 R	F.66
0635960000	KLBUE SH1	F.4
0636800000	FM 5/TS35	F.14
0636900000	FM 6/TS35	F.14

0640000000

0641720000	SH 2 S	F.4
0642600000	FKSC M6X8 D9/SW3	F.13
0646210000	MOFU 35/LD/1 SW	F.14
0646260000	MOFU 35/LD/1	F.14
0646400000	G 25/0.80A/M GR	C.65

0680000000

0687900000	FM 4/TS35	F.14
0688660000	DEK 6 FW 1-5 (10X)	F.22

0690000000

0690700000	H0,5/14 OR	F.66
0697160000	AKZ 2.5	D.130
0697180000	AKZ 2.5 BL	D.130
0697360000	AP AKZ2.5	D.130
0697380000	AP AKZ2.5 BL	D.130

1000000000

1001180001	PRINTJET PRO 230V	F.36
1005710000	PLOTTER PEN 0.50 P-INK	F.39
1007810000	ZP 2.5/2AN/OV	C.99
1007820000	ZP 2.5/2AN/OV BL	C.99
1007830000	ZP 2.5/2AN/OV GN	C.99
1007840000	ZP 2.5/2AN/OV ZA	C.99
1007850000	ZP 2.5/2AN/OV ZA BL	C.99
1007860000	ZP 2.5/2AN/OV ZA GN	C.99
1007870000	ZP 2.5/2AN/OV ZA O.RA	C.99
1007880000	ZP 2.5/2AN/OV ZAO.RA BL	C.99
1007890000	ZP 2.5/2AN/OV ZAO.RA GN	C.99
1007900000	ZP 2.5/1AN/OV	C.98
1007910000	ZP 2.5/1AN/OV BL	C.98
1007920000	ZP 2.5/1AN/OV GN	C.98
1007930000	ZP 2.5/1AN/OV ZA	C.98
1007940000	ZP 2.5/1AN/OV ZA BL	C.98
1007950000	ZP 2.5/1AN/OV ZA GN	C.98
1007960000	ZP 2.5/1AN/OV ZA O.RA	C.98
1007970000	ZP 2.5/1AN/OV ZAO.RA BL	C.98
1007980000	ZP 2.5/1AN/OV ZAO.RA GN	C.98
1009070000	ZP 2.5/1AN ZA BL	C.98

1010000000

1010000000	WPE 2.5	D.23
1010100000	WPE 4	D.24
1010200000	WPE 6	D.27
1010300000	WPE 10	D.27
1010400000	WPE 16	D.28
1010500000	WPE 35	D.29
1010600000	WNT 2.5 10X3 BE	D.82
1010680000	WNT 2.5 10X3	D.82
1010780000	WNT 4 10X3	D.82
1010880000	WNT 6 10X3	D.83
1010900000	WNT 10 10X3 BE	D.83
1010980000	WNT 10 10X3	D.83
1011000000	WSI 6	D.35
1011010000	WSI 6 SW	D.181
1011060000	WSI 6 OR	D.181
1011080000	WSI 6 BL	D.181
1011300000	WSI 6/LD 10-36V DC/AC	D.36
1011320000	DEK 5/6 PLUS MC NE WS	F.25
1011440000	PLOTTERPEN 0,7	F.39
1011450000	PLOTTER PEN 0.70 P-INK	F.39
1012200000	WSI 6/LD 30-70V DC/AC	D.36
1012300000	WSI 6/LD 60-150V DC/AC	D.36
1012400000	WSI 6/LD 250AC	D.36
1014000000	WSI 6/2 GZ/DEF63	D.37
1014100000	WSI 6/2/LD 10-36V DC/AC	D.38
1014200000	WSI 6/2/LD 30-70V DC/AC	D.38
1014300000	WSI 6/2/LD 60-150VDC/AC	D.38
1014400000	WSI 6/2/LD 250AC	D.38
1015800000	WDT 1.5/1 DB/GE	D.58
1015900000	WDT 1.5/2 DB/GE	D.58
1016000000	WDT 1.5/3 DB/GE	D.59
1016160000	WDT 1.5/3 BL/HB	D.59
1016200000	WPE 2.5N	D.23
1016400000	WPE 2.5/1.5/ZR	D.22
1016500000	WPE 1.5/ZZ	D.22
1016700000	WTL 6/1	D.65
1017100000	WTD 6/1	D.65
1017700000	WTL 6/2	D.75
1018600000	WTL 6/3/STB	D.75
1018640000	WTL 6/3 BR	D.181
1018800000	WTL 6/3	D.67
1018900000	WTL 6/3/32	D.67
1019000000	WNT 16N 10X3	D.83
1019100000	WPE 16N	D.29
1019700000	WPE 120/150	D.31

1020000000

1020000000	WDU 2.5	D.5
1020010000	WDU 2.5 SW	D.181
1020020000	WDU 2.5 GE	D.181
1020040000	WDU 2.5 RT	D.181

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1020060000	WDU 2.5 OR	D.181
1020080000	WDU 2.5 BL	D.5
1020090000	WDU 2.5 GN	D.181
1020100000	WDU 4	D.6
1020110000	WDU 4 SW	D.181
1020120000	WDU 4 GE	D.181
1020140000	WDU 4 RT	D.181
1020160000	WDU 4 GN	D.181
1020180000	WDU 4 BL	D.6
1020190000	WDU 4 GE/SW	D.181
1020200000	WDU 6	D.8
1020210000	WDU 6 SW	D.181
1020240000	WDU 6 RT	D.181
1020260000	WDU 6 OR	D.181
1020280000	WDU 6 BL	D.8
1020290000	WDU 6 GN	D.181
1020300000	WDU 10	D.8
1020310000	WDU 10 SW	D.181
1020340000	WDU 10 RT	D.181
1020360000	WDU 10 OR	D.181
1020380000	WDU 10 BL	D.8
1020480000	WDU 16 BL	D.181
1020580000	WDU 35 BL	D.181
1020680000	WDU 35/IK BL	D.181
1020700000	WDU 2.5/10 BEZ	D.182
1020800000	WDU 2.5/10 BEZ/NE	D.182
1020900000	WDU 4/10/BEZ	D.182
1021000000	WDU 4/10	D.182
1021500000	WDK 2.5	D.16
1021560000	WDK 2.5 OR	D.181
1021580000	WDK 2.5 BL	D.16
1021600000	WDK 2.5 F	D.99
1021680000	WDK 2.5 F BL	D.99
1021700000	WDK 2.5 FF	D.99
1021800000	WDU 2.5 F 2X2.8	D.98
1021900000	WDU 2.5 FF 2X2.8	D.98
1022220000	PDU 2.5/4/2X2AN	B.5
1022300000	WDK 2.5V	D.17
1022350000	WDK 2.5V GE	D.181
1022360000	WDK 2.5V OR	D.181
1022380000	WDK 2.5V BL	D.17
1022400000	WDK 2.5 FV	D.99
1022600000	WDK 2.5 2D 2.A	D.119
1023200000	WDK 2.5/D	D.119
1023300000	WDK 2.5 1D A.2	D.118
1023400000	WDK 2.5 1D A.1	D.117
1023500000	WDK 2.5 2D	D.119
1023600000	WDK 2.5 LD RT 24VDC +-	D.120
1023700000	WDU 2.5N	D.5
1023760000	WDU 2.5N OR	D.181
1023780000	WDU 2.5N BL	D.5
1023830000	ZTR 6-2	C.70
1024050000	PRINTJET PRO 115V	F.36
1024100000	WDU 2.5/TC TYP K	D.114
1024140000	PJ PRO TNAW	F.36
1024200000	WDU 2.5/TC TYP T	D.114
1024300000	WDU 2.5/TC TYP J	D.114
1024400000	WDU 2.5/TC TYP SR	D.114
1024500000	WDU 120/150	D.14
1024580000	WDU 120/150 BL	D.14
1024600000	WDU 70/95	D.14
1024680000	WDU 70/95 BL	D.14
1024700000	WDU 2.5/1.5/ZR	D.4
1024780000	WDU 2.5/1.5/ZR BL	D.4
1025680000	DEK 5/30 MC SDR	F.33
1025700000	WDK 2.5/10	D.182
1026600000	WDU 120/150/5	D.182
1026700000	WDU 70/95/3	D.182
1027000000	WDUL 4/10	D.116
1027040000	PJ PRO TNTK INK K	F.36
1027050000	PJ PRO TNTK INK C	F.36
1027060000	PJ PRO TNTK INK M	F.36
1027070000	PJ PRO TNTK INK Y	F.36
1027110000	PJ PRO TINTENSET FARBE	F.36
1027300000	WDUL 4/100	D.116
1027400000	WDUL 4/500	D.116
1027410000	WDK 2.5/BLZ/5.08/ZA V	D.101
1027500000	WDUL 4/1K	D.116
1027550000	ZMAK 2.5 690V	C.34
1027600000	WDUL 4/5K	D.116
1027700000	WDUL 4/10K	D.116
1027800000	WDUL 4/50K	D.116
1027840000	WQL 4 WF10	D.145
1028000000	WDUL 4/500K	D.116
1028300000	WFF 35	D.148
1028380000	WFF 35 BL	D.148
1028400000	WFF 70	D.148
1028480000	WFF 70 BL	D.148
1028500000	WFF 120	D.149
1028580000	WFF 120 BL	D.149
1028600000	WFF 185	D.149
1028680000	WFF 185 BL	D.149
1028700000	WFF 300	D.149
1028800000	WDU 35/ZA	D.10
1028880000	WDU 35/ZA BL	D.10
1028900000	WDU 16/ZA	D.9
1028980000	WDU 16/ZA BL	D.9
1029000000	WDU 35/IK/ZA	D.10
1029100000	WDK 2.5/EX	D.17
1029300000	WFF 35/AH	D.148
1029400000	WFF 70/AH	D.148
1029500000	WFF 120/AH	D.149
1029600000	WFF 185/AH	D.149
1029700000	WFF 300/AH	D.149
1029800000	WDL 2.5/NT/L/PE	D.78
1029900000	WDL 2.5/N/L/PE	D.79

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1030200000	WDL 2.5/L/L/PE	D.79
1030300000	WDL 2.5/L/L	D.78
1030400000	WDL 2.5/L	D.79
1030600000	WDL 2.5/S/NT/L/PE	D.80
1030700000	WDL 2.5/S/N/L/PE	D.81
1031100000	WDL 2.5/S/L/L/PE	D.81
1031200000	WDL 2.5/S/L/L	D.80
1031300000	WDL 2.5/S/L	D.81
1031400000	WDU 1.5/ZZ	D.4
1031480000	WDU 1.5/ZZ BL	D.4
1032300000	WDU 70/95/5/N	D.182
1032400000	WDU 120/150/5 N	D.182
1033300000	WDU 2.5/TC TYP E	D.114
1033700000	WDU 2.5/TC TYP B	D.114
1033800000	WMA 4/5	D.182
1034000000	WMA 4/4	D.182
1034100000	WDL 2.5/2/S/NT/L/PE-L/L	D.182
1034200000	WDL 2.5/3/S/NT/L/PE	D.182
1034400000	WDK 2.5/BLZ/5.08/ZA	D.101
1036000000	WPO 4	D.115
1036100000	WDU 16N	D.9
1036180000	WDU 16N BL	D.9
1036300000	WDK 2.5PE	D.23
1036400000	WDK 2.5DU-PE	D.17
1036700000	WDU 4 WS	D.181
1036760000	WDU 4 OR	D.181
1036800000	WDU 2.5 WS	D.181
1037300000	WPE 70/95	D.31
1037700000	WDU 2.5 PA/VI	D.181
1037710000	WDU 2.5 BR	D.181
1037720000	WDU 2.5 GR	D.181
1037800000	WDU 4 GR	D.181
1037810000	WDU 4 BR	D.181
1037820000	WDU 4 PA/VI	D.181
1038650000	DEK 5/6 PLUS MC SDR	F.25
1038790000	WS 8/5 PLUS MC SDR	F.28
1038820000	WS 8/6 PLUS MC SDR	F.29
1039600000	WDU 6 GR	D.181
1039700000	WDU 6 WS	D.181
1039900000	WTR 2.5/ZZ	D.55
1039980000	WTR 2.5/ZZ BL	D.55

1040000000

1040220000	WDU 6 GE	D.181
1040400000	WDU 35N	D.11
1040480000	WDU 35N BL	D.11
1040800000	WDU 2.5N ZQV	D.5
1040880000	WDU 2.5N ZQV BL	D.5
1041100000	WDK 2.5 ZQV	D.16
1041180000	WDK 2.5 ZQV BL	D.16
1041500000	WDU 2.5/TC TYP N	D.114
1041600000	WDK 2.5N	D.18
1041610000	WDK 2.5N V	D.18
1041620000	WDK 2.5N PE	D.24
1041650000	WDK 2.5N DU-PE	D.19
1041680000	WDK 2.5N BL	D.18
1041900000	WDK 4N	D.19
1041910000	WDK 4N V	D.19
1041920000	WDK 4N PE	D.26
1041950000	WDK 4N DU-PE	D.20
1041960000	WDK 4N OR	D.181
1041980000	WDK 4N BL	D.19
1042400000	WDU 10/ZR	D.9
1042480000	WDU 10/ZR BL	D.9
1042500000	WPE 10/ZR	D.28
1042600000	WDU 4N	D.7
1042680000	WDU 4N BL	D.7
1042700000	WPE 4N	D.25
1045570000	ELS 6/30 MC WS	F.32
1045580000	ELS 6/30 MC GE	F.32
1045620000	ELS 16/40 MC WS	F.31
1045630000	ELS 16/40 MC GE	F.31
1045640000	ELS 7/40 MC WS	F.31
1045650000	ELS 7/40 MC GE	F.31
1045660000	ELS 6/30 MC SDR	F.32
1045690000	ELS 16/40 MC SDR	F.32
1045700000	ELS 7/40 MC SDR	F.32
1045970000	WTR 35 E	D.77
1046320000	WS 10/5 PLUS MC SDR	F.28
1046330000	WS 10/6 PLUS MC SDR	F.29
1046340000	DEK 5/6.5 PLUS MC NE WS	F.25
1046350000	DEK 5/8 PLUS MC NE WS	F.25
1046360000	DEK 5/6.5 PLUS MC SDR	F.25
1046370000	DEK 5/8 PLUS MC SDR	F.25
1046380000	WS 10/5 PLUS MC NE WS	F.28
1046390000	WS 10/6 PLUS MC NE WS	F.28
1049200000	PAP PDU6/10 BL	B.46
1049210000	PAP 2.5/4 BL	B.46

1050000000

1050000000	WAP 2.5-10	D.156
1050010000	WAP 2.5-10 SW	D.156
1050020000	WAP 2.5-10 GE	D.156
1050040000	WAP 2.5-10 RT	D.156
1050050000	WAP 2.5-10 GR	D.156
1050060000	WAP 2.5-10 OR	D.156
1050070000	WAP 2.5-10 BR	D.156
1050080000	WAP 2.5-10 BL	D.156
1050090000	WAP 2.5-10 WS	D.156
1050100000	WAP 16+35 WTW 2.5-10	D.157
1050160000	WAP 16+35 WTW 2.5-10 OR	D.157
1050180000	WAP 16+35 WTW 2.5-10 BL	D.157
1050280000	WHP 2.5-35N/10x3 BL	D.82
1050760000	WGB 5 ABDG.M.GRUPPENBEZ	F.33
1050960000	WGB 8 ABDG.M.GRUPPENBEZ	F.33
1051260000	WTA 5/1	D.175
1051960000	WQV 4/2	D.168
1052060000	WQV 4/10	D.168
1052100000	KISC M3X5	D.172
1052260000	WQV 6/10	D.168
1052290000	PAP 2.5/4/4AN BL	B.46
1052300000	PAP 2.5/4/3AN BL	B.46
1052360000	WQV 6/2	D.168
1052460000	WQV 10/10	D.169
1052560000	WQV 10/2	D.169
1053060000	WQV 35/2	D.10
1053160000	WQV 35/10	D.10
1053260000	WQV 16/2	D.9
1053360000	WQV 16/10	D.9
1053660000	WQV 2.5/2	D.168
1053760000	WQV 2.5/3	D.168
1053860000	WQV 2.5/4	D.168
1053960000	WQV 2.5/5	D.168
1054060000	WQV 2.5/6	D.168
1054160000	WQV 2.5/7	D.168
1054260000	WQV 2.5/8	D.168
1054360000	WQV 2.5/9	D.168
1054460000	WQV 2.5/10	D.168
1054560000	WQV 4/3	D.168
1054660000	WQV 4/4	D.168
1054760000	WQV 6/3	D.168
1054860000	WQV 6/4	D.168
1054960000	WQV 10/3	D.169
1055060000	WQV 10/4	D.169
1055160000	WQV 16/3	D.9
1055260000	WQV 16/4	D.9
1055360000	WQV 35/3	D.10
1055460000	WQV 35/4	D.10
1055960000	WAD 12 M. BL.	F.33
1056260000	WAD 12 NEUTRAL	F.33
1056400000	LS 2.8 WDU2.5-10	D.116
1057160000	WQV 4/6	D.168
1057260000	WQV 4/7	D.168
1057860000	WQV 4/5	D.168
1058090000	MCP EP SFC 3	F.39
1058520000	ZSI 2X6/4X2.5 FC	C.63
1058800000	WTW EN	D.159
1059000000	WEW 35/1	F.12
1059100000	WAP WDK2.5	D.157
1059140000	WAP WDK2.5 GN	D.157
1059180000	WAP WDK2.5 BL	D.157
1059310000	ZAP ZSI2X6/4X2.5	C.63
1059660000	WQV 2.5/15	D.168

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1060000000	WAP WDU2.5N/4N	D.158
1060060000	WAP WDU2.5N/4N OR	D.158
1060080000	WAP WDU2.5N/4N BL	D.158
1060090000	WAP WDU2.5N/4N GE	D.158
1060100000	WQB-PEN 35	D.29
1060200000	WQB-PEN 16	D.28
1060220000	WDU 35/ZA OR	D.181
1060300000	WQB-PEN 10	D.180
1061200000	WEW 35/2	F.5
1061210000	WEW 35/2 SW	F.5
1062660000	WQV 6/5	D.168
1062670000	WQV 6/6	D.168
1062680000	WQV 6/7	D.71
1062860000	WAD 27 M. BL.	F.33
1062960000	WAD 27 NEUTRAL	F.33
1063300000	WQV 120/2	D.14
1063400000	WQV 120/3	D.14
1063500000	WQV 70/95/2	D.14
1063600000	WQV 70/95/3	D.14
1063900000	WQV 16-2.5	D.161
1064100000	WQV 35-2.5	D.161
1064460000	WAH 35	D.148
1064560000	WAH 70 BE	D.148
1064660000	WAH 120	D.149
1064760000	WAH 185/300 BE	D.149
1064900000	WQL 2 WFF35	D.148
1065000000	WQL 2 WFF70	D.148
1065100000	WQL 2 WFF120	D.149
1065200000	WQL 2 WFF185	D.149
1065300000	WQL 2 WFF300	D.149
1065400000	WQL 3 WFF35	D.148
1065500000	WQL 3 WFF70	D.148
1065600000	WQL 3 WFF120	D.149
1065700000	WQL 3 WFF185	D.149
1065800000	WQL 3 WFF300	D.149
1066000000	WZAD 70/95	D.14
1066100000	WZA D120	D.14
1066200000	WZAF 70	D.179
1066300000	WZAF 120	D.179
1066400000	WZAF 185	D.179
1066500000	WZAF 300	D.179
1067100000	WTW WFF35	D.148
1067200000	WTW WFF70	D.148
1067300000	WTW WFF120	D.149
1067400000	WTW WFF185/300	D.149
1067470000	EMC-SET	E.14
1067490000	EMC-TIE	E.14
1067520000	EMC-CONTACT	E.14
1067600000	WEW 32/1	F.12
1067700000	WAP WDL2.5/S	D.157
1067800000	WAP WDL2.5	D.157
1067980000	WHP WDL2.5/S BL	D.80
1068000000	WQV 35-10	D.161
1068160000	WBB WDU1.5/BL...	D.100
1068260000	WBB ZA WDU1.5/BL 10/10	D.100
1068300000	WAP WTL6/1	D.65
1068400000	WTW WTL6/1 DB	D.73
1068700000	WSH 1	E.8
1069700000	WAP WFF35	D.158
1069800000	WAP WFF70	D.158
1069900000	WDS 2	D.179

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1070000000	WAP WDK2.5/BLZ/O.ZA	D.101
1070100000	WAP WDK2.5/BLZ/M.ZA	D.101
1070500000	WZAF 35	D.179
1071000000	STB 21.6/IH/DB WTL6/3	D.173
1071010000	STB 21.6/IH/GE WTL6/3	D.75
1071020000	STB 21.6/IH/GN WTL6/3	D.75
1071030000	STB 21.6/IH/VI WTL6/3	D.75
1071040000	STB 21.6/IH/SW WTL6/3	C.68
1071080000	STB 21.6/IH/BL WTL6/3	D.75
1071100000	ZR WPO4 DB	D.115
1071200000	SSCH 7.3X1.2X1000	D.115
1071360000	WQV 16N-PEN BL	D.29
1071500000	Q 2 WDL2.5S	D.170
1071600000	Q 3 WDL2.5S	D.170
1071700000	Q 4 WDL2.5S	D.170
1071800000	Q 10 WDL2.5S	D.170
1071900000	EW 15/2	F.12
1072000000	WAD 4 GE BED	D.176
1072100000	WAD 4 WS	D.176
1072200000	WAP 2.5-10 GN	D.156
1072210000	WAP 2.5-10 VI	D.156
1072300000	WQV 70/95-PEN	D.31
1072400000	WQV 120-PEN	D.31
1072500000	WQV 16N-4/6	D.162
1072660000	WBB WDK2.5/BL5.08	D.101
1072760000	WBB ZA WDK2.5/BL5.08	D.101
1073000000	WAP WFF120	D.158
1073100000	WQV 16N-2.5	D.162
1073200000	WAD 12N GE BED	D.9
1074200000	Q 20 WDL2.5S	D.170
1074600000	WAP WTR2.5/ZZ	D.55
1074680000	WAP WTR2.5/ZZ BL	D.157
1079200000	WQV 35N/2	D.11
1079300000	WQV 35N/3	D.11
1079400000	WQV 35N/4	D.11
1079500000	WQB PEN 35N	D.180
1079600000	WQB PEN 16N	D.180
1079700000	WQB PEN 70N	D.180
1079900000	WSH 4 MT	E.10

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1080100000	WSH 5	E.8
1080200000	WSH 6	E.8
1082400000	BFEH 1/WSH	E.9
1083040000	PDU 6/10/4AN	B.6
1083050000	PSI 6/10	B.16
1083100000	WSH 18 MT	E.9
1083200000	WSH 19 MT	E.9
1083500000	WAD 16N WS	D.176
1083600000	WAD 16N GE BED	D.11
1083900000	SMSE WSH U1 MT	E.9
1084000000	WAP WDK2.5/4 N	D.158
1084080000	WAP WDK2.5/4 N BL	D.158
1084780000	PTL 6/10/STB	B.23
1084790000	PTD 6/10/STB	B.23

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1107680000	WT4 4AN/2	D.102
1107780000	WAP WT4/4AN/2	D.102
1107790000	WP4/1AN/1	D.102
1107800000	WP4/1AN/10	D.102
1108490000	WP4/1AN/1 ZA	D.102

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1110000000		
1112130000	WAP WDK2.5/BLZ/0.ZA LG	D.157
1112910000	WAD 5 MC NE WS	F.33
1112920000	WAD 5 MC NE GE	F.33
1112930000	WAD 5 MC SDR	F.33
1112940000	WAD 8 MC NE WS	F.33
1112950000	WAD 8 MC NE GE	F.33
1112970000	WAD 8 MC SDR	F.33
1116710000	PS_ZQV_SET	C.144
1119030000	ERME 10² SPX 4	F.48
1119040000	ERME 16² SPX 4	F.48
1119700000	ZDK 4-2/2AN	C.31
1119790000	WSI 6/2/LD 250AC LLC	D.43
1119800000	WSI 6/2/LD 10-36V LLC	D.43
1119810000	WSI 6/2/LD 30-70V LLC	D.43
1119820000	WSI 6/2/LD 60-150V LLC	D.43
1119830000	WSI 6/LD 30-70V LLC	D.42
1119840000	WSI 6/LD 10-36V LLC	D.42
1119850000	WSI 6/LD 60-150V LLC	D.42
1119870000	WSI 6/LD 250AC LLC	D.42
1120000000		
1120450000	WAD 5 MC B GE/SW	F.33
1120470000	WAD 8 MC B GE/SW	F.33
1121740000	PS_ZQV	C.144
1128540000	SDIS 2.5-5.5/PZ/1/2	F.55
1130000000		
1131740000	ZDLD 2.5-2N PE	C.25
1131750000	ZDLD 2.5-2N/PE/L/L	C.25
1131760000	ZDLD 2.5-2N/PE/L/N	C.25
1137530000	VKSW	F.45
1137780000	WSI 25/1 10X38/LED 1KV	D.47
1137790000	WSI 25/1 10x38 1KV	D.47
1139400000	MCP BASIC	F.38
1139570000	PPE 16S	B.27
1139580000	PDU 16S	B.26
1139880000	MCP AP BASIC	F.39
1139890000	MCP TP-KOF BASIC	F.39
1139910000	PAP PDU16S	B.26
1140000000		
1142970000	WAD WMF2.5	D.112
1142980000	WBB WMF2.5 BLZ	D.112
1142990000	AP WMF2.5	D.112
1143000000	WMF 2.5 DI BLZ	D.109
1143010000	WMF 2.5 DI BLZ PE	D.110
1143020000	WMF 2.5 DI	D.106
1143030000	WMF 2.5 DI PE	D.107
1143050000	WMF 2.5 BLZ	D.109
1143070000	WMF 2.5	D.106
1150000000		
1157830000	KT 22	F.42
1160000000		
1161690000	WTL 6 SL	D.90
1162600000	WEW 35/1 SW	F.5
1162610000	ZEW 35/2 SW	F.12
1162820000	WMF 2.5 FU BLZ PE SW	D.111
1162830000	WMF 2.5 FU BLZ PE 10-36V SW	D.111
1162840000	WMF 2.5 FU BLZ PE 30-70V SW	D.111
1162850000	WMF 2.5 FU BLZ PE 60-150V SW	D.111
1162860000	WMF 2.5 FU BLZ PE 100-250V SW	D.111
1162920000	WMF 2.5 FU SW	D.108
1162930000	WMF 2.5 FU 10-36V SW	D.108
1162940000	WMF 2.5 FU 30-70V SW	D.108
1162950000	WMF 2.5 FU 60-150V SW	D.108
1162960000	WMF 2.5 FU 100-250V SW	D.108
1162980000	WMF 2.5 FU BLZ SW	D.111
1162990000	WMF 2.5 FU BLZ 10-36V SW	D.111
1163000000	WMF 2.5 FU BLZ 30-70V SW	D.111
1163010000	WMF 2.5 FU BLZ 60-150V SW	D.111
1163020000	WMF 2.5 FU BLZ 100-250V SW	D.111
1163040000	WMF 2.5 FU PE SW	D.108
1163050000	WMF 2.5 FU PE 10-36V SW	D.108
1163060000	WMF 2.5 FU PE 30-70V SW	D.108
1163070000	WMF 2.5 FU PE 60-150V SW	D.108
1163080000	WMF 2.5 FU PE 100-250V SW	D.108
1165130000	PDU 6/10 4AN BL	B.6
1165140000	PSI 6/10 SW	B.16
1165320000	PAP PTL/PSI 6/10	B.46
1165330000	PAP PTL/PSI 6/10 SW	B.46
1167440000	IL WMF2.5 BLZ OR	D.112
1167630000	FUCR SW	D.112
1167640000	FUCR 10-36V SW	D.112
1167650000	FUCR 30-70V SW	D.112
1167670000	FUCR 60-150V SW	D.112
1167680000	FUCR 100-250V SW	D.112
1167850000	KLBUE 4-13.5 CPF16	E.13

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1170000000		
1173540000	BZT PRV16 SW 35X15	B.40
1173550000	BZT PRV16 SW 35X7.5	B.40
1173570000	BZT PRV8 SW 35X15	B.39
1173580000	BZT PRV8 SW 35X7.5	B.39
1173590000	BZT PRV4 SW 35X15	B.38
1173600000	BZT PRV4 SW 35X7.5	B.38
1173620000	PRV 16 SW 35X15 RT/WS	B.40
1173630000	TW PRV16	B.40
1173650000	PRV 16 SW 35X15 WS/RT	B.40
1173670000	TW PRV8	B.39
1173680000	PRV 16 SW 35X7.5 RT/WS	B.40
1173700000	TW PRV4	B.38
1173710000	PRV 16 SW 35X7.5 WS/RT	B.40
1173720000	PAP PRV/PPV8 SW	B.39
1173740000	PRV 8 SW 35X15 RT/WS	B.39
1173750000	PAP PRV/PPV4 SW	B.38
1173780000	PRV 8 SW 35X15 WS/RT	B.39
1173790000	PRV 8 SW 35X7.5 RT/WS	B.39
1173800000	PRV 8 SW 35X7.5 WS/RT	B.39
1173810000	PRV 4 SW 35X15 RT	B.38
1173820000	PRV 4 SW 35X15 WS	B.38
1173830000	PRV 4 SW 35X7.5 RT	B.38
1173840000	PRV 4 SW 35X7.5 WS	B.38
1173850000	PPV 8 GR 35X15 DGR	B.41
1173870000	PPV 8 GR 35X7.5 DGR	B.41
1173880000	PPV 4 GR 35X15 DGR	B.41
1173890000	PPV 4 GR 35X7.5 DGR	B.41
1173900000	PRV 8 BL 35X15 WS/RT	B.39
1173910000	PRV 8 BL 35X7.5 WS/RT	B.39
1173920000	PRV 4 BL 35X15 WS	B.38
1173930000	PRV 4 BL 35X7.5 WS	B.38
1180000000		
1186630000	WDU 50N IR	D.12
1186720000	WAP WDK10	D.21
1186730000	WAP WDK10 BL	D.21
1186740000	WDK 10	D.21
1186750000	WDK 10 BL	D.21
1186770000	WDK 10 V	D.21
1186780000	WDK 10 V BL	D.21
1200000000		
1208920000	ZVLD 2.5	C.26
1210000000		
1210390000	ZTA ZVLD	C.26
1210410000	ZAP ZVLD 2.5	C.26
1211450000	PAP PRV/PPV4 GR	B.38
1211460000	PAP PRV/PPV8 GR	B.39
1216230000	HBT 6,0 - 4,6 GE	D.86
1220000000		
1221340000	PMAK 4	B.10
1221350000	PMAK 4 800V	B.10
1221360000	PAP PMAK 4	B.10
1224870000	FUSE 1KV DC 2A 10/38	D.47
1224880000	FUSE 1KV DC 4A 10/38	D.47
1224890000	FUSE 1KV DC 6A 10/38	D.47
1224900000	FUSE 1KV DC 8A 10/38	D.47
1224910000	FUSE 1KV DC 10A 10/38	D.47
1224920000	FUSE 1KV DC 12A 10/38	D.47
1224930000	FUSE 1KV DC 16A 10/38	D.47
1224950000	FUSE 1KV DC 20A 10/38	D.47
1227850000	ZEW 35/2 GR	F.12
1227890000	WEW 35/1 GR	F.5
1230000000		
1230050000	TW PRV4 1-4	B.38
1230060000	TW PRV4 0-3	B.38
1230070000	TW PRV4 A-D	B.38
1230080000	TW PRV8 1-8	B.39
1230090000	TW PRV8 0-7	B.39
1230110000	TW PRV8 A-H	B.39
1230120000	TW PRV16 1-16	B.40
1230130000	TW PRV16 0-15	B.40
1230140000	TW PRV16 A-P	B.40
1233330000	HBT 2,5 - 4,6 BL	D.86
1233340000	HBT 1,5 - 4,6 RT	D.86
1238040000	ZEW 35 GR	F.12
1238880000	WAP WTL6 SL 4-6	D.90
1238920000	WTD 6 SL O.STB	D.68
1238930000	WTL 6 SL O.STB	D.68
1240000000		
1246990000	SMSE WSH 135/60 MT	E.9
1247290000	WDK 2.5/TR-DU	D.60
1247310000	WDK 2.5/TR-DU STB	D.60
1247420000	WDK 2.5/TR-DU-PE	D.61
1247430000	WDK 2.5/TR-DU-PE STB	D.61

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1252490000	KLBUE 15-32 FM4	E.12
1252510000	KLBUE 10-20 FM4	E.12
1252520000	KLBUE 4-13.5 FM4	E.12
1252530000	KLBUE 3-8 FM4	E.12
1252540000	KLBUE 15-32 CPF16	E.13
1252550000	KLBUE 10-20 CPF16	E.13
1255010000	GWHUE M3 WTL6	D.69
1259120000	ZDT 2.5/8AN/4	C.90
1260000000		
1261300000	ZB 10 F.10X3/10X5/10X10	F.6
1265990000	ZSI 2X6/4X2.5	C.64
1267790000	PRV 16 BL 35X15 RT/WS	B.40
1267800000	PRV 16 BL 35X15 WS/RT	B.40
1267810000	PRV 16 BL 35X7.5 RT/WS	B.40
1267820000	PRV 16 BL 35X7.5 WS/RT	B.40
1267830000	PRV 8 BL 35X15 RT/WS	B.39
1267840000	PRV 8 BL 35X7.5 RT/WS	B.39
1267870000	PPV 8 BL 35X15 DGR	B.41
1267880000	PPV 8 BL 35X7.5 DGR	B.41
1267890000	PRV 4 BL 35X15 RT	B.38
1267900000	PRV 4 BL 35X7.5 RT	B.38
1267910000	PPV 4 BL 35X15 DGR	B.41
1267920000	PPV 4 BL 35X7.5 DGR	B.41
1267930000	BZT PRV16 BL 35X15	B.40
1267940000	BZT PRV16 BL 35X7.5	B.40
1267950000	BZT PRV8 BL 35X15	B.39
1267970000	BZT PRV8 BL 35X7.5	B.39
1267980000	BZT PRV4 BL 35X15	B.38
1267990000	BZT PRV4 BL 35X7.5	B.38
1268000000	PAP PRV/PPV8 BL	B.39
1268010000	PAP PRV/PPV4 BL	B.38
1269050000	EW 35 DB	F.12
1269060000	SCHT 14/6	F.32
1269070000	ZST 1	D.178
1270000000		
1270040000	WMF 2.5 BL	D.106
1270070000	WMF 2.5 DI BL	D.106
1270080000	WMF 2.5 DI PE BL	D.107
1270310000	TSLD C	F.45
1271870000	ZTA ZVLD/ZA	C.26
1274660000	SDI SL 0,6X3,5X100	F.56
1274670000	SDI SL 0,8X4,0X100	F.56
1274680000	SDI SL 1,0X5,5X125	F.56
1274690000	SDI SL 1,2X6,5X150	F.56
1274710000	SDIK SL PH1	F.56
1274720000	SDIK SL PH2	F.56
1274730000	SDIK SL PZ1	F.56
1274740000	SDIK SL PZ2	F.56
1274750000	SDIS SL 3,5-6,5/PH/1/2	F.56
1276960001	DEK 8 FWZ 1-10	F.23
1276960011	DEK 8 FWZ 11-20	F.23
1276960021	DEK 8 FWZ 21-30	F.23
1276960031	DEK 8 FWZ 31-40	F.23
1276960041	DEK 8 FWZ 41-50	F.23
1276960051	DEK 8 FWZ 51-60	F.23
1276960061	DEK 8 FWZ 61-70	F.23
1276960071	DEK 8 FWZ 71-80	F.23
1276960081	DEK 8 FWZ 81-90	F.23
1276960091	DEK 8 FWZ 91-100	F.23
1276960101	DEK 8 FWZ 101-110	F.23
1276960111	DEK 8 FWZ 111-120	F.23
1276960121	DEK 8 FWZ 121-130	F.23
1276960131	DEK 8 FWZ 131-140	F.23
1276960141	DEK 8 FWZ 141-150	F.23
1277060000	DEK 8 NEUTRAL	F.23
1277091686	DEK 8 RT NEUTRAL	F.23
1277091687	DEK 8 GE NEUTRAL	F.23
1277091688	DEK 8 GN NEUTRAL	F.23
1277091689	DEK 8 VI NEUTRAL	F.23
1277091690	DEK 8 OR NEUTRAL	F.23
1278460000	SCHT 9/4	F.32
1278730000	ETA 1170 21 3A	C.63
1278740000	ETA 1170 21 4A	C.63
1278750000	ETA 1170 21 5A	C.63
1278760000	ETA 1170 21 6A	C.63
1278770000	ETA 1170 21 7.5A	C.63
1278780000	ETA 1170 21 8A	C.63
1278790000	ETA 1170 21 10A	C.63
1278810000	ETA 1170 21 15A	C.63
1278820000	ETA 1170 21 20A	C.63
1278830000	ETA 1170 21 25A	C.63
1278840000	ETA 1180 01 0.1A	C.64
1278850000	ETA 1180 01 0.2A	C.64
1278860000	ETA 1180 01 0.25A	C.64
1278870000	ETA 1180 01 0.3A	C.64
1278880000	ETA 1180 01 0.4A	C.64
1278910000	ETA 1180 01 0.5A	C.64
1278920000	ETA 1180 01 0.6A	C.64
1278930000	ETA 1180 01 0.7A	C.64
1278940000	ETA 1180 01 0.8A	C.64
1278950000	ETA 1180 01 1A	C.64
1278960000	ETA 1180 01 1.5A	C.64
1278970000	ETA 1180 01 2A	C.64

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1278980000	ETA 1180 01 2.5A	C.64
1278990000	ETA 1180 01 3A	C.64
1279010000	ETA 1180 01 3.5A	C.64
1279020000	ETA 1180 01 4A	C.64
1279030000	ETA 1180 01 5A	C.64
1279040000	ETA 1180 01 6A	C.64
1279050000	ETA 1180 01 7A	C.64
1279060000	ETA 1180 01 8A	C.64
1279070000	ETA 1180 01 10A	C.64
1280000000		
1283470000	TS END CAP 35X7.5	F.11
1283480000	TS END CAP 35X15	F.11
1286600000	TST 2/M5	F.13
1289660001	DEK 8 FSZ 1-10	F.23
1289660011	DEK 8 FSZ 11-20	F.23
1289660021	DEK 8 FSZ 21-30	F.23
1289660031	DEK 8 FSZ 31-40	F.23
1289660041	DEK 8 FSZ 41-50	F.23
1289660051	DEK 8 FSZ 51-60	F.23
1289660061	DEK 8 FSZ 61-70	F.23
1289660071	DEK 8 FSZ 71-80	F.23
1289660081	DEK 8 FSZ 81-90	F.23
1289660091	DEK 8 FSZ 91-100	F.23
1289690000	DEK 8 BEDR./FARBIG	F.23
1290000000		
1297850000	WDTR 2.5/WE O.STB	D.59
1298020000	WDTR 2.5 O.STB	D.59
1300000000		
1303360000	AKE 2.5	D.131
1310000000		
1312440000	HBT 1,5 - 3,0 RT	D.86
1312450000	HBT 2,5 - 3,0 BL	D.86
1312500000	Q 2 DLI	D.170
1312600000	Q 3 DLI	D.170
1312700000	Q 4 DLI	D.170
1313100000	Q 10 DLI	D.170
1313600000	NSCH 2M	F.3
1318061187	DEK 6 GW PE	F.23
1318061198	DEK 6 GW +	F.23
1318061199	DEK 6 GW -	F.23
1318061202	DEK 6 GW ERDE	F.23
1318061203	DEK 6 GW ERDE I.KR.	F.23
1318091737	DEK 6 GW RT/SW +	F.23
1318091741	DEK 6 GW BL/SW -	F.23
1319260000	QVS 2/4 SAKT4	D.72
1319900000	BFSC M3X22 SAKT4	D.72
1320000000		
1326660000	DEK 8 SONDERDR.WEISS	F.23
1330000000		
1333100000	H2,5/14S BL	F.76
1340000000		
1345280000	WTL 6/1/TNSC/EN	D.74
1350000000		
1358460000	DEK 5 FW 1,3,5,...99	F.21
1358560000	DEK 5 FW 2,4,...100	F.21
1358660000	DEK 6 FW 1,3,5...99	F.22
1358760000	DEK 6 FW 2,4,...100	F.22
1360000000		
1368700000	SAKS 2/35 DB	D.48
1370000000		
1378160000	ADP 4/300	F.15
1390000000		
1399800000	Q 20 DLI	D.170
1430000000		
1430760000	ADP 4/1000	F.15
1520000000		
1526660000	BLZ 5.08/04/180 SN OR BX	D.100
1526860000	BLZ 5.08/06/180 SN OR BX	D.100
1527060000	BLZ 5.08/08/180 SN OR BX	D.100
1528960000	BLZ 5.08/04/180B SN OR BX	D.100
1529160000	BLZ 5.08/06/180B SN OR BX	D.100
1529360000	BLZ 5.08/08/180B SN OR BX	D.100

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1560000000		
1563900000	WD 1 25 K KARTE A 6 ST	D.151
1570000000		
1572000000	DEK 5 FWZ 1-9	F.21
1577320000	WAP WDU1.5/BLZ/ZA	D.100
1577330000	WAP WDU1.5/BLZ	D.100
1577340000	WDU 1.5/BLZ 5.08	D.100
1577400000	WAD WDU1.5/BLZ/BLA	D.100
1577570000	WQV 2.5/20	D.168
1577600000	WQV 2.5/32	D.168
1578950000	WQB A/2	D.172
1578960000	WQB A/3	D.172
1578970000	WQB A/4	D.172
1578990000	WQB A/10	D.172
1579000000	WQB A/24	D.172
1579010000	WQB B/2	D.172
1579020000	WQB B/3	D.172
1579030000	WQB B/4	D.172
1579050000	WQB B/10	D.172
1579060000	WQB B/24	D.172
1590000000		
1592810000	KLBUE 4-13.5	E.6
1600000000		
1600480000	KLBUE 3-8	E.6
1600490000	KLBUE 10-20	E.6
1604200000	SSP WTL6/2	D.67
1604270000	WKS 1/2	D.67
1604280000	WKB 1/2	D.71
1604290000	WKS 1/3	D.71
1604300000	WKB 1/3	D.71
1604310000	WKS 1/4	D.71
1604320000	WKB 1/4	D.71
1604330000	WKB 1/10	D.71
1607710000	ESO 5 DIN A4 WEISS BOG.	F.31
1607720000	ESO 7 A4-BOGEN WEISS	F.31
1608510000	ZDU 2.5	C.6
1608520000	ZDU 2.5 BL	C.6
1608540000	ZDU 2.5/3AN	C.6
1608550000	ZDU 2.5/3AN BL	C.6
1608570000	ZDU 2.5/4AN	C.7
1608580000	ZDU 2.5/4AN BL	C.7
1608600000	ZDU 2.5/2X2AN	C.7
1608610000	ZDU 2.5/2X2AN BL	C.7
1608620000	ZDU 6	C.9
1608630000	ZDU 6 BL	C.9
1608640000	ZPE 2.5	C.37
1608650000	ZPE 2.5/3AN	C.37
1608660000	ZPE 2.5/4AN	C.38
1608670000	ZPE 6	C.40
1608740000	ZAP/TW 1	C.130
1608750000	ZAP/TW 1 BL	C.130
1608760000	ZAP/TW 1 OR	C.130
1608770000	ZAP/TW 2 DB	C.130
1608780000	ZAP/TW 2 BL	C.6
1608790000	ZAP/TW 2 OR	C.130
1608800000	ZAP/TW 3	C.130
1608810000	ZAP/TW 3 BL	C.7
1608820000	ZAP/TW 3 OR	C.130
1608830000	ZAP/TW 5	C.131
1608840000	ZAP/TW 5 BL	C.9
1608850000	ZAP/TW 5 OR	C.131
1608860000	ZQV 2.5/2	C.140
1608870000	ZQV 2.5/3	C.140
1608880000	ZQV 2.5/4	C.140
1608890000	ZQV 2.5/5	B.49
1608900000	ZQV 2.5/6	B.49
1608910000	ZQV 2.5/7	B.49
1608920000	ZQV 2.5/8	B.49
1608930000	ZQV 2.5/9	B.49
1608940000	ZQV 2.5/10	C.140
1608950000	ZQV 4/2 GE	C.140
1608960000	ZQV 4/3 GE	C.140
1608970000	ZQV 4/4 GE	C.140
1608980000	ZQV 4/5 GE	C.140
1608990000	ZQV 4/6 GE	C.140
1609000000	ZQV 4/7 GE	C.140
1609010000	ZQV 4/8 GE	C.140
1609020000	ZQV 4/9 GE	C.140
1609030000	ZQV 4/10 GE	C.140
1609040000	ZTA 1	C.142
1609050000	ZTA 1/ZA	C.142
1609060000	ZTA 2 ZDU4	C.142
1609070000	ZTA 2/ZA ZDU4	C.142
1609080000	ZAD 2/4	C.147
1609110000	ZAD 1/4	C.146
1609120000	ZAD 3/4	C.147
1609801044	DEK 5/5 MC-10 NEUT. WS	F.25
1609801686	DEK 5/5 MC-10 NEUT. RT	F.25
1609801687	DEK 5/5 MC-10 NEUT. GE	F.25
1609801688	DEK 5/5 MC-10 NEUT. GN	F.25
1609801691	DEK 5/5 MC-10 NEUT. GR	F.25
1609801693	DEK 5/5 MC-10 NEUT. BL	F.25
1609810000	DEK 5/5 MC BEDRUCKT	F.25
1609820000	DEK 5/6 MC NEUTRAL	F.25
1609830000	DEK 5/6 MC BEDRUCKT	F.25
1609840000	DEK 5/6,5 MC NEUTRAL	F.25
1609850000	DEK 5/6,5 MC BEDRUCKT	F.25
1609860000	WS 12/5 MC NEUTRAL	F.28
1609870000	WS 12/5 MC BEDRUCKT	F.28
1609880000	WS 15/5 MC NEUTRAL	F.28
1609890000	WS 15/5 MC BEDRUCKT	F.28
1609900000	WS 12/6 MC NEUTRAL	F.28
1609910000	WS 12/6 MC BEDRUCKT	F.29
1609920000	WS 12/6,5 MC NEUTRAL	F.29
1609930000	WS 12/6,5 MC BEDRUCKT	F.29
1610000000		
1610000000	ZS 10/5 MC NEUTRAL	F.29
1610010000	ZS 10/5 MC BEDRUCKT	F.29
1610020000	ZS 12/6 MC NEUTRAL	F.29
1610030000	ZS 12/6 BEDRUCKT	F.29
1610840000	ZAP TNHE/ZSI2.5	C.54
1611930000	ZGB 30	F.34
1614280000	ZRH 2.5/3	C.148
1614290000	ZRH 2.5/2 GR/VO	C.148
1614300000	ZRH 2.5/1 WS	C.148
1616400000	ZSI 2.5	C.54
1616410000	ZSI 2.5/LD 250AC	C.55
1616420000	ZSI 2.5/LD 120AC	C.55
1616430000	ZSI 2.5/LD 60AC	C.55
1616440000	ZSI 2.5/LD 28AC	C.55
1616460000	ZSI 2.5/2 500AC	C.56
1616470000	ZSI 2.5/2/LD 28AC	C.57
1616480000	ZSI 2.5/2/LD 60AC	C.57
1616490000	ZSI 2.5/2/LD 120AC	C.57
1616500000	ZSI 2.5/2/LD 250AC	C.57
1620000000		
1627850000	ZQV 6/2 GE	C.141
1627860000	ZQV 6/3 GE	C.141
1627870000	ZQV 6/4 GE	C.141
1630000000		
1631350000	ESO 5 DIN A4 GELB BOG.	F.31
1631750000	WTD 6/1 RT	D.181
1631760000	WTD 6/1 GE	D.181
1631920000	ESO 5 S DIN A4-BOGEN	F.31
1631930000	SCHT 5 S	F.31
1631940000	STR 5 S F.SCHT 5 S	F.31
1632050000	ZDU 4	C.8
1632060000	ZDU 4 BL	C.8
1632080000	ZPE 4	C.38
1632090000	ZAP/TW 4	C.131
1632100000	ZAP/TW 4 BL	C.8
1632110000	ZAP/TW 4 OR	C.131
1632130000	ZRH 1.5N/2	C.148
1632140000	ZRH 1.5N/1	C.148
1632290000	WTA 1 WDU1.5	D.174
1632300000	WTA 1/ZA WDU1.5	D.174
1632320000	WTA 2 WDU2.5-10	D.174
1632330000	WTA 2/ZA WDU2.5-10	D.174
1632340000	WTA 2/10 WDU2.5/10	D.174
1632350000	WTA 3 WDU4	D.174
1632360000	WTA 3/ZA WDU4	D.6
1632380000	WTA 6 WTR2.5	D.174
1632390000	WTA 6/ZA WTR2.5	D.174
1633200000	ZQS 2.5/2	C.141
1633210000	ZQS 2.5/3	C.141
1633220000	ZQS 2.5/4	C.141
1633230000	ZQS 2.5/5	C.141
1633280000	VQB 1.5/50 BL	D.96
1633290000	VQB 1.5/50 RT	D.96
1634780000	ESO 7 A4-BOGEN GELB	F.31
1635000000	WS 10/5 MC NEUTRAL	F.28
1635010000	WS 10/5 MC BEDRUCKT	F.28
1635120000	VQB 1.5/50 SW	D.96
1636510000	ESO 15 BOGEN DIN A4	F.34
1636520000	STR 15 F. ZGB 15	F.34
1636530000	ZGB 15	F.34
1636560000	WQV 16N/2	D.9
1636570000	WQV 16N/3	D.9
1636580000	WQV 16N/4	D.9
1636640000	ZRH 4/1 WS	C.148
1636650000	ZRH 4/2	C.148
1636780000	ZDU 2.5 OR	C.152
1636790000	ZDU 2.5/3AN OR	C.152
1636800000	ZDU 2.5/4AN OR	C.152
1636810000	ZDU 2.5/2X2AN OR	C.152
1636820000	ZDU 6 OR	C.153
1636830000	ZDU 4 OR	C.153
1640000000		
1640740000	WS 8/5 MC NEUTRAL	F.28
1640750000	WS 8/5 MC BEDRUCKT	F.28
1646630000	ZS 15/5 MC NEUTRAL	F.29
1646640000	ZS 15/5 MC BEDRUCKT	F.29
1646690000	ZZA 2.5	C.149
1649300000	ZVL 1.5	C.111
1649350000	ZZA 2.5/ZA	C.149
1649540000	ZAP/TW ZIA1.5/3L	C.110
1649550000	ZAP/TW ZIA1.5/4L	C.111
1650000000		
1650210000	WTA 7 WSI6	D.174
1650340000	ZDU 2.5/2X2AN/D+	C.121
1650350000	ZDU 2.5/2X2AN/D-	C.121
1650360000	ZVL 1.5 BL	C.111
1650370000	ZVL 1.5 BR	C.111
1650670000	ZBW 2	C.147
1650680000	ZBW 3	C.147
1650690000	ZBW 4	C.147
1650700000	ZBW-6	C.147
1651970000	ZVL 1.5/PE GN/GE BED	C.111
1651980000	ZIA 1.5/3L-1S	C.110
1651990000	ZIA 1.5/3L-1S/LD-RT	C.110
1652000000	ZIA 1.5/3L-PE	C.110
1652010000	ZIA 1.5/4L-1S	C.111
1652020000	ZIA 1.5/4L-1S/LD	C.111
1652030000	ZIA 1.5/4L-PE	C.111
1653340001	DEK 8 FW 1-50 TAMPOPR.	F.23
1653340051	DEK 8 FW 51-100 TAMPOP.	F.23
1653350001	DEK 8 FS 1-50 TAMPOPR.	F.23
1653350051	DEK 8 FS 51-100 TAMPOP.	F.23
1654050000	ZTA 3 ZDU6	C.142
1660000000		
1669620000	ZBW 1	C.147
1669630000	ZBWW	C.147
1670000000		
1670360000	QVSK 2 SAKT1	D.70
1670370000	ESO 5 POLY.WEISS A4-BOG.	F.31
1670380000	ESO 5 POLY.GELB A4-BOG.	F.31
1670390000	ESO 7 POLY.WEISS A4-BOG.	F.31
1670400000	ESO 7 POLY.GELB A4-BOG.	F.31
1674300000	ZDK 2.5	C.22
1674650000	ZAP/TW ZPV1.5	C.110
1674730000	ZAP/TW ZDK2.5	C.130
1675350000	KLBUE 2X2-6	E.6
1676610000	BZT ZVL1.5	C.111
1676620000	BZT ZVL1.5/0.ZA	C.111
1676630000	ZPV 1.5	C.110
1676640000	ZDUS	C.149
1677120000	ZQB 2.5-2	C.140
1678630000	ZDK 2.5 BL	C.22
1678680000	ZST	C.151
1678800000	ZRH 1.5H/2	C.148
1678810000	ZRH 1.5H/1	C.148
1680000000		
1683260000	ZDU 2.5 RT	C.152
1683270000	ZDU 2.5 GE	C.152
1683280000	ZDU 2.5 GN	C.152
1683290000	ZDU 2.5 VI	C.152
1683300000	ZDU 2.5 BR	C.152
1683310000	ZDU 2.5 GR	C.152
1683320000	ZDU 2.5 WS	C.152
1683330000	ZDU 2.5 SW	C.152
1683340000	ZDU 2.5/3AN RT	C.152
1683350000	ZDU 2.5/3AN GE	C.152
1683360000	ZDU 2.5/3AN GN	C.152
1683390000	ZDU 2.5/3AN GR	C.152
1683400000	ZDU 2.5/3AN WS	C.152
1683410000	ZDU 2.5/3AN SW	C.152
1683420000	ZDU 2.5/4AN RT	C.152
1683430000	ZDU 2.5/4AN GE	C.152
1683440000	ZDU 2.5/4AN GN	C.152
1683460000	ZDU 2.5/4AN BR	C.152
1683470000	ZDU 2.5/4AN GR	C.152
1683480000	ZDU 2.5/4AN WS	C.152
1683490000	ZDU 2.5/4AN SW	C.152
1683580000	ZDU 4 RT	C.153
1683590000	ZDU 4 GE	C.153
1683620000	ZDU 4 BR	C.153
1683630000	ZDU 4 GR	C.153
1683640000	ZDU 4 WS	C.153
1683650000	ZDU 4 SW	C.153
1683660000	ZAP/TW 1 RT	C.130
1683680000	ZAP/TW 1 GN	C.130
1683710000	ZAP/TW 1 GR	C.130
1683730000	ZAP/TW 1 SW	C.130
1683740000	ZAP/TW 2 RT	C.130
1683760000	ZAP/TW 2 GN	C.130
1683820000	ZAP/TW 3 RT	C.130
1683840000	ZAP/TW 3 GN	C.130
1683870000	ZAP/TW 3 GR	C.130
1683880000	ZAP/TW 3 WS	C.130
1683890000	ZAP/TW 3 SW	C.130
1683920000	ZAP/TW 4 GN	C.131
1686920000	PRINT KIT	F.40
1688110000	ZTA 4	C.143
1689960000	ZDK 2.5N-DU	C.23
1689970000	ZDK 2.5DU-PE	C.23
1689980000	ZDK 2.5N-PE	C.23
1689990000	ZDK 2.5V	C.22
1690000000		
1690000000	ZDK 2.5PE	C.50
1690010000	ZDK 2.5/LD RT/1	C.123
1690020000	ZDK 2.5/D/1	C.124
1690030000	ZDK 2.5/D/2	C.124
1690040000	ZDK 2.5/D/4	C.125
1690050000	ZDK 2.5/D/5	C.125
1690060000	ZDK 2.5/D/6	C.125
1690080000	ZAP/TW ZDK2.5 OR	C.130
1692240000	ZDU 2.5/4AN GE/GN	C.152
1692261001	KLBUE 3-8 SC	E.11
1692590000	ZDU 2.5/2X2AN/LD+	C.120
1692600000	ZDU 2.5/2X2AN/LD-	C.120
1693800000	ZQV 2.5N/2 GE	D.165
1693810000	ZQV 2.5N/3 GE	D.165
1693820000	ZQV 2.5N/4 GE	D.165
1693830000	ZQV 2.5N/5 GE	C.140
1693840000	ZQV 2.5N/6 GE	C.140
1693850000	ZQV 2.5N/7 GE	C.140
1693860000	ZQV 2.5N/8 GE	C.140
1693870000	ZQV 2.5N/9 GE	C.140
1693880000	ZQV 2.5N/10 GE	D.165
1693890000	ZQV 2.5N/50 GE	C.117
1693940000	ZDK 2.5/LD RT/2	C.123
1694140000	ZDK 2.5 OR	C.123
1697540000	ZQV 2.5/50	C.110
1698160000	ZRV 1.5	C.94
1698170000	ZRV 1.5/PE	C.94
1698180000	AP ZRV1.5 DB	C.131
1698190000	STGH 4 ZRV1.5	C.94
1698200000	STGH 4 ZRV1.5/PE GN	C.94
1698770000	ZDU 4 GE/GN	C.153
1698780000	ZDU 2.5 GE/GN	C.152
1698790000	ZDU 2.5/3AN GE/GN	C.152
1700000000		
1704340000	ZTW ZDUB	C.132
1704350000	ZDUB 2.5-2/2AN/DM	C.115
1704360000	ZDUB 2.5-2/2AN/DM BL	C.115
1704370000	ZDUB 2.5-2/2AN/DM OR	C.115
1704380000	ZDUB 2.5-2/2AN/DM GE	C.115
1704500000	ZDUB 2.5-2/2AN/DB	C.115
1704510000	ZDUB 2.5-2/2AN/DB BL	C.115
1704530000	ZDUB 2.5-2/2AN/DB GE	C.115
1704540000	ZDUB 2.5-2/4AN/DM	C.115
1704550000	ZDUB 2.5-2/4AN/DM BL	C.115
1704560000	ZDUB 2.5-2/4AN/DM OR	C.115
1704570000	ZDUB 2.5-2/4AN/DM GE	C.115
1704690000	ZDUB 2.5-2/4AN/DB	C.115
1704700000	ZDUB 2.5-2/4AN/DB BL	C.115
1704720000	ZDUB 2.5-2/4AN/DB GE	C.115
1704740000	ZBB ZDUB	C.115
1704750000	ZAP ZDUB	C.132
1704760000	ZAP ZDUB BL	C.132
1704770000	ZAP ZDUB OR	C.132
1705310000	DFFC 0.2-0.35 ZRV1.5	C.94
1705320000	DFFC .5-1.0 ZRV1.5	C.94
1706010000	ZDU 2.5-2/3AN	C.14
1706040000	ZDU 2.5-2/3AN BL	C.14
1706050000	ZDU 2.5-2/3AN OR	C.152
1706060000	ZDU 2.5-2/4AN	C.15
1706070000	ZDU 2.5-2/4AN BL	C.15
1706080000	ZDU 2.5-2/4AN OR	C.152
1706090000	ZPE 2.5-2/3AN	C.44
1706100000	ZPE 2.5-2/4AN	C.45
1706110000	ZAP/TW7	C.131
1706120000	ZAP/TW7 BL	C.131
1706130000	ZAP/TW7 OR	C.131
1710000000		
1711930000	ZVL 1.5 0.0V	C.111
1712311001	KLBUE 4-13.5 SC	E.11
1712321001	KLBUE 10-20 SC	E.11
1712750000	ZDUB 2.5-2/2AN/15	C.116
1712760000	ZDUB 2.5-2/2AN/15 BL	C.116
1712770000	ZDUB 2.5-2/2AN/15 OR	C.116
1712780000	ZDUB 2.5-2/4AN/15	C.116
1712790000	ZDUB 2.5-2/4AN/15 BL	C.116
1712800000	ZDUB 2.5-2/4AN/15 OR	C.116
1712810000	ZPEB 2.5-2	C.117
1712820000	ZDUB 2.5-2/2AN/RC	C.114
1712830000	ZDUB 2.5-2/2AN/RC BL	C.114
1712840000	ZDUB 2.5-2/2AN/RC OR	C.114
1712850000	ZDUB 2.5-2/2AN/RC GE	C.114
1712970000	ZDUB 2.5-2/4AN/RC	C.114
1712980000	ZDUB 2.5-2/4AN/RC BL	C.114
1713000000	ZDUB 2.5-2/4AN/RC GE	C.114
1715970000	WSH 3/H/N	E.8

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1716300000	KLBUE 15-32	E.6
1717740000	WPE 35N	D.29
1717900000	ZQV 2.5N/2 RT	D.165
1717910000	ZQV 2.5N/3 RT	D.165
1717920000	ZQV 2.5N/4 RT	D.165
1717930000	ZQV 2.5N/5 RT	D.165
1717940000	ZQV 2.5N/6 RT	D.165
1717950000	ZQV 2.5N/7 RT	D.165
1717960000	ZQV 2.5N/8 RT	D.165
1717970000	ZQV 2.5N/9 RT	D.165
1717980000	ZQV 2.5N/10 RT	D.165
1717990000	ZQV 2.5N/2 BL	D.165
1718000000	ZQV 2.5N/3 BL	D.165
1718010000	ZQV 2.5N/4 BL	D.165
1718020000	ZQV 2.5N/5 BL	D.165
1718030000	ZQV 2.5N/6 BL	D.165
1718040000	ZQV 2.5N/7 BL	D.165
1718050000	ZQV 2.5N/8 BL	D.165
1718060000	ZQV 2.5N/9 BL	D.165
1718070000	ZQV 2.5N/10 BL	D.165
1718080000	ZQV 2.5N/2 SW	D.165
1718090000	ZQV 2.5N/3 SW	D.165
1718100000	ZQV 2.5N/4 SW	D.165
1718110000	ZQV 2.5N/5 SW	D.165
1718120000	ZQV 2.5N/6 SW	D.165
1718130000	ZQV 2.5N/7 SW	D.165
1718140000	ZQV 2.5N/8 SW	D.165
1718150000	ZQV 2.5N/9 SW	D.165
1718160000	ZQV 2.5N/10 SW	D.165
1718341001	KLBUE 15-32 SC	E.11
1718550000	WNT 35N 10X3	D.84

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1720620000	DEK 5/7.5 MC NEUTRAL	F.25
1720700000	ZVQ 2.5/1.5	C.141
1720920000	ZDUA 2.5-2	C.117
1720930000	ZDUA 2.5-2 BL	C.117
1720940000	ZDUA 2.5-2 OR	C.117
1720950000	ZPEA 2.5-2	C.117
1720960000	ZAP/TW ZDUA	C.117
1720970000	ZAP/TW ZDUA BL	C.117
1720980000	ZAP/TW ZDUA OR	C.117
1723660000	MOFU 15/35 ZDUB	C.115
1723800000	BS 35II KLBUE HOLDER	E.12
1723810000	BS 35II KLBUE3-8	E.12
1723820000	BS 35II/KLBUE 4-13.5	E.12
1724580000	FM 4.2/TS35	F.14

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1730900000	ZSI 2.5/5X25	C.55
1730940000	WDU 2.5N/600UL	D.6
1739540000	ZDU 10S	C.73
1739550000	ZDU 10S BL	C.73
1739560000	ZNT 10S	C.74
1739570000	ZPE 10S	C.78
1739580000	ZDU 16S	C.73
1739590000	ZDU 16S BL	C.73
1739600000	ZNT 16S	C.75
1739610000	ZPE 16S	C.79
1739620000	ZDU 35	C.12
1739630000	ZDU 35 BL	C.12
1739640000	ZNT 35	C.75
1739650000	ZPE 35	C.43
1739660000	ZAP ZDU10/16S	C.132
1739680000	ZQV 10/2	C.141
1739690000	ZQV 16/2	C.141
1739700000	ZQV 35/2	C.12
1739890000	SCH-1-WB	E.11

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1741260001	MC-Mobilo 110V/220V	F.40
1742630000	BTWZ KLBUE	E.11
1745150000	ZAP/TW ZDU16	C.131
1745210000	ZAD 5/5	C.11
1745230000	ZDU 16	C.11
1745240000	ZDU 16 BL	C.11
1745250000	ZPE 16	C.42
1745350000	ZEI 16	C.11
1745400000	ZDTR 2.5	C.67
1745420000	AP ZDTR2.5	C.67
1745880000	ZDK 2.5V BL	C.22
1746730000	ZAD 4/5	C.10
1746750000	ZDU 10	C.10
1746760000	ZDU 10 BL	C.10
1746770000	ZPE 10	C.41
1747350000	TS 35X7.5 2M/CRN	F.10
1748660000	ZAP/TW ZDU10	C.131
1748800000	ZAP/TW ZDK2.5 BL	C.130
1749151001	KLBUE CO 3	E.7
1749161001	KLBUE CO 4	E.7
1749430000	BS 35II KLBUE3-8/2X2-6	E.12
1749580000	ZAP/TW 10/16	C.131

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1752131001	KLBUE CO 2	E.7
1752620000	ZAD 6/5	C.12
1752681001	KLBUE 3-8 CPF	E.13
1752691001	KLBUE 4-13.5 CPF	E.13
1752701001	KLBUE 10-20 CPF	E.13
1752711001	KLBUE 15-32 CPF	E.13
1753280000	WDU 1.5/R3.5	D.132
1753290000	WDK 1.5/R3.5	D.132
1753311001	KLBUE CO 1	E.7
1754170000	WDU 1.5/R3.5 BL	D.132
1754190000	WAP WDU1.5/R3.5	D.133
1754200000	WAP WDK1.5/R3.5	D.132
1754210000	ZQV 1.5N/R3.5/2 GE	D.132
1754220000	ZQV 1.5N/R3.5/3 GE	D.132
1754230000	ZQV 1.5N/R3.5/4 GE	D.132
1754290000	ZQV 1.5N/R3.5/10 GE	D.132
1754960000	WTL 4	D.72
1754970000	WTL 4/STB	D.72
1755081001	KLBUE CO 5	E.7
1755270000	DEK 5/3,5 MC NEUTRAL	F.25
1755280001	DEK 5/3,5 MC GW 1	F.22
1755280002	DEK 5/3,5 MC GW 2	F.22
1755280003	DEK 5/3,5 MC GW 3	F.22
1755280004	DEK 5/3,5 MC GW 4	F.22
1755280005	DEK 5/3,5 MC GW 5	F.22
1755280006	DEK 5/3,5 MC GW 6	F.22
1755280007	DEK 5/3,5 MC GW 7	F.22
1755280008	DEK 5/3,5 MC GW 8	F.22
1755280009	DEK 5/3,5 MC GW 9	F.22
1755281000	DEK 5/3,5 MC GW 0	F.22
1757970000	ZAP ZDU4/NT	C.76
1757980000	ZDU 4/NT	C.76
1758250000	ZQV 4N/2 GE	D.165
1758260000	ZQV 4N/10 GE	D.165

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1760720000	BS 35/WSH 2	E.9
1762320001	DEK 5/3,5 MC FSZ 1-10	F.22
1762320011	DEK 5/3,5 MC FSZ 11-20	F.22
1762320021	DEK 5/3,5 MC FSZ 21-30	F.22
1762320031	DEK 5/3,5 MC FSZ 31-40	F.22
1762320041	DEK 5/3,5 MC FSZ 41-50	F.22
1762320051	DEK 5/3,5 MC FSZ 51-60	F.22
1762320061	DEK 5/3,5 MC FSZ 61-70	F.22
1762320071	DEK 5/3,5 MC FSZ 71-80	F.22
1762320081	DEK 5/3,5 MC FSZ 81-90	F.22
1762320091	DEK 5/3,5 MC FSZ 91-100	F.22
1762320101	DEK 5/3,5 MC FSZ 101-110	F.22
1762320111	DEK 5/3,5 MC FSZ 111-120	F.22
1762320121	DEK 5/3,5 MC FSZ 121-130	F.22
1762320131	DEK 5/3,5 MC FSZ 131-140	F.22
1762320141	DEK 5/3,5 MC FSZ 141-150	F.22
1762420000	ZDU 10/NT	C.76
1762440000	ADAPTER ALU STI-S	F.39
1762620000	ZQV 4N/4 GE	D.165
1762630000	ZQV 4N/3 GE	D.165
1763940000	WTR 2.5/SI	D.50
1763950000	WTR 2.5/SI LD 36V	D.50
1764100000	ZAP/TW ZDU16 BL	C.11
1764110000	ZAP/TW ZDU10 BL	C.10
1764550000	ZBS1 F.D SET	C.149
1764560000	ZAD 1/4-2 GE	C.147
1766240000	ZEI 16 BL	C.11
1767670000	ZPE 10/3AN	C.41
1767690000	ZDU 10/3AN	C.10
1767700000	ZDU 10/3AN BL	C.10
1767730000	DEK 5/3,5 MC bedruckt	F.25
1768000000	ZMAK 2.5	C.34
1768010000	ZAP ZMAK2.5	C.34
1768020000	BS 35II KLBUE2X3-8/2X2-6	E.12
1768090000	WS 14/5 MC NEUTRAL	F.28
1768310000	ZPE 16/3AN	C.42
1768320000	ZDU 16/3AN	C.11
1768330000	ZDU 16/3AN BL	C.11
1768520000	ZAP/TW 10/16 BL	C.131
1768540000	Plotterpen 0,25	F.39
1768550000	Plotterpen 0,35	F.39
1768560000	Plotterpen 0,5	F.39
1768570000	Plotterpen 0,18	F.39
1768800000	ZDK 2.5 EM	C.123

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1770360000	ZDU 4-2/3AN	C.15
1770370000	ZDU 4-2/2AN	C.15
1770380000	ZPE 4-2/2AN	C.45
1770390000	ZPE 4-2/3AN	C.45
1770400000	ZAP ZDU4-2	C.131
1770490000	DEK 5/7.5 MC SONDERDR.	F.25
1770840000	ZDU 4-2/2AN BL	C.15
1770860000	ZDU 4-2/3AN BL	C.15
1770870000	ZDU 4-2/3AN OR	C.153
1770880000	ZAP ZDU4-2 BL	C.131
1770890000	ZAP ZDU4-2 OR	C.131
1771360000	ZPE 6-2/3AN	C.47
1771370000	ZPE 6-2/2AN	C.46

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1771380000	ZDU 6-2/2AN	C.17
1771390000	ZDU 6-2/2AN BL	C.17
1771400000	ZDU 6-2/2AN OR	C.153
1771410000	ZDU 6-2/3AN	C.17
1771420000	ZDU 6-2/3AN BL	C.17
1771430000	ZDU 6-2/3AN OR	C.153
1771440000	ZAP ZDU6-2	C.131
1771450000	ZAP ZDU6-2 BL	C.131
1771460000	ZAP ZDU6-2 OR	C.131
1771800000	ZTL 6	C.68
1771810000	ZTD 6	C.68
1771820000	KSBR/2 ZTL6	C.68
1771830000	KSBR/3 ZTL6	C.69
1771840000	KSBR/4 ZTL6	C.69
1771860000	SSP ZTL6	C.68
1771870000	ZTW ZTL6	C.133
1771880000	ZTW ZTL6 OR	C.133
1771950000	ZTL 6/STB	C.69
1771960000	ZTD 6/STB	C.69
1772060000	ZDU 2.5-2	C.14
1772070000	ZDU 2.5-2 BL	C.14
1772080000	ZDU 2.5-2 OR	C.152
1772090000	ZPE 2.5-2	C.44
1772120000	Tinte 2000 25ml	F.39
1772130000	Reiniger 2000 25ml	F.39
1772940000	ZEI 16-2/1AN	C.17
1772950000	ZEI 16-2/1AN BL	C.17
1772960000	ZPE 16-2/1AN	C.47
1772970000	ZAP/Z...16-2/1AN	C.131
1773410000	AP 100 GR	D.158
1773521686	WS 8/5 MC NEUTRAL RT	F.28
1773521687	WS 8/5 MC NEUTRAL GE	F.28
1773521690	WS 8/5 MC NEUTRAL OR	F.28
1773521693	WS 8/5 MC NEUTRAL BL	F.28
1773531686	WS 10/5 MC NEUTRAL RT	F.28
1773531687	WS 10/5 MC NEUTRAL GE	F.28
1773531693	WS 10/5 MC NEUTRAL BL	F.28
1773541686	WS 12/5 MC NEUTRAL RT	F.28
1773541687	WS 12/5 MC NEUTRAL GE	F.28
1773541690	WS 12/5 MC NEUTRAL OR	F.28
1773541693	WS 12/5 MC NEUTRAL BL	F.28
1773551686	WS 12/6 MC NEUTRAL RT	F.28
1773551687	WS 12/6 MC NEUTRAL GE	F.28
1773551689	WS 12/6 MC NEUTRAL VI	F.28
1773551690	WS 12/6 MC NEUTRAL OR	F.28
1773551692	WS 12/6 MC NEUTRAL BR	F.28
1773551693	WS 12/6 MC NEUTRAL BL	F.28
1773561686	WS 12/6,5 MC neutral RT	F.29
1773561687	WS 12/6,5 MC neutral GE	F.29
1773561688	WS 12/6,5 MC neutral GN	F.29
1773561693	WS 12/6,5 MC neutral BL	F.29
1773571687	WS 15/5 MC neutral GE	F.28
1775480000	ZDU 1.5	C.4
1775490000	ZDU 1.5 BL	C.4
1775500000	ZDU 1.5 OR	C.152
1775510000	ZPE 1.5	C.36
1775530000	ZDU 1.5/3AN	C.4
1775540000	ZDU 1.5/3AN BL	C.4
1775550000	ZDU 1.5/3AN OR	C.152
1775560000	ZPE 1.5/3AN	C.36
1775580000	ZDU 1.5/4AN	C.5
1775600000	ZDU 1.5/4AN BL	C.5
1775610000	ZDU 1.5/4AN OR	C.152
1775620000	ZPE 1.5/4AN	C.37
1776030000	ZAP/TW ZDU1.5/2AN	C.130
1776040000	ZAP/TW ZDU1.5/2AN BL	C.4
1776050000	ZAP/TW ZDU1.5/2AN OR	C.130
1776060000	ZAP/TW ZDU1.5/3AN	C.130
1776070000	ZAP/TW ZDU1.5/3AN BL	C.4
1776080000	ZAP/TW ZDU1.5/3AN OR	C.130
1776090000	ZAP/TW ZDU1.5/4AN	C.130
1776100000	ZAP/TW ZDU1.5/4AN BL	C.5
1776110000	ZAP/TW ZDU1.5/4AN OR	C.130
1776120000	ZQV 1.5/2	C.140
1776130000	ZQV 1.5/3	C.140
1776140000	ZQV 1.5/4	C.140
1776150000	ZQV 1.5/5	C.140
1776200000	ZQV 1.5/10	C.140
1776210000	ZTA 5	C.143
1776220000	ZTA 5/ZA	C.143
1778080000	ZDU 4/NT DB	C.76
1778270000	WS 12/3,5 MC neutral	F.28
1778280000	WS 12/3,5 MC Sonderdr.	F.28
1779000000	ZDU 2.5-2/D-	C.122
1779010000	ZTR 2.5-2	C.70
1779020000	ZTR 2.5-2/O.TNHE	C.70
1779100000	TSTW 5/M5 ZN	F.13
1779110000	ZDU 2.5-2/D+	C.122
1779120000	ZTR 2.5-2 BL	C.70
1779130000	ZTR 2.5-2 OR	C.70

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1780660000	ZTA 6/ZA	C.142
1780670000	ZTA 7/ZA	C.142
1780850000	WF 6	D.144
1780860000	WF 8	D.145
1780870000	WF 10	D.145
1780880000	WF 12	D.145

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1780890000	WTW WF10/WF12	D.151
1780900000	WTW WF8	D.145
1780910000	WTW WF8 2300	D.151
1780920000	WTW WF10/WF12 2300	D.151
1780930000	ADP WF6/WF8	D.144
1780940000	ADP WF10/WF12	D.147
1780970000	WQL 2 WF6	D.150
1780980000	WQL 3 WF6	D.150
1780990000	WQL 2 WF8	D.150
1781000000	WQL 3 WF8	D.150
1781010000	WQL 2 WF10	D.150
1781020000	WQL 3 WF10	D.150
1781030000	WQL 2 WF12	D.145
1781040000	WQL 3 WF12	D.145
1781050000	HA ADP WF6/WF10	D.147
1781140000	BZT ZTL6	C.68
1781220000	WTW WF6	D.144
1781230000	WTW WF6 2300	D.151
1781240000	WTW WF6-WF12	D.144
1781930000	ZBW 1/3.5	C.147
1781940000	ZAD 7/4	C.146
1781950000	ZRH 1.5S/1	C.148
1781960000	ZRH 1.5S/2	C.148
1782300000	ZDLD 2.5-2N	C.24
1782310000	ZDLD 2.5-2N BL	C.24
1782320000	ZDLD 2.5-2VN	C.24
1782330000	ZDLD 2.5-2VN BL	C.24
1782340000	ZAP/TW ZDLD2.5-2N	C.131
1782350000	ZAP/TW ZDLD2.5-2N BL	C.131
1782360000	ZAP/TW ZDLD2.5-2N OR	C.131
1783550000	AP DLI2.5 DB	D.157
1783560000	DLA 2.5 DB	D.94
1783590000	DLA 2.5/D DB	D.94
1783600000	DLA 2.5/LD-RT DB	D.95
1783630000	DLA 2.5/LD-GN/D DB	D.95
1783790000	DLD 2.5/PE DB	D.92
1783800000	AP DLD2.5/PE DB	D.157
1783820000	DLI 2.5 DB	D.93
1783940000	DLI 2.5/LD-GN/NPN -+ DB	D.93
1783950000	DLI 2.5/LD-RT/NPN -+ DB	D.93
1783970000	DLI 2.5/LD-GN/PNP +- DB	D.93
1783980000	DLI 2.5/LD-RT/PNP +- DB	D.93
1784120000	VLI 1.5 DB	D.96
1784130000	VLI 1.5/PE DB	D.96
1784150000	AP VLI1.5 DB	D.96
1784160000	AP VLI1.5/PE DB	D.158
1784180000	DLD 2.5 DB	D.92
1784210000	AP DLD2.5 DB	D.157
1784460000	WDU 1.5/ZQV/BLZ 5.08	D.100
1789770000	WF 6/2BZ	D.146
1789780000	WF 8/2BZ	D.146
1789790000	WF 10/2BZ	D.147

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1790130000	WF 5	D.144
1790520000	ZDU 4-2/3AN LSC	C.16
1790990000	ZDK 2.5-2	C.28
1791000000	ZDK 2.5-2 BL	C.28
1791010000	ZDK 2.5-2PE	C.51
1791030000	ZDK 2.5-2V	C.28
1791040000	ZDK 2.5-2V BL	C.28
1791050000	ZAP/TW ZDK2.5-2	C.131
1791060000	ZAP/TW ZDK2.5-2 BL	C.28
1791070000	ZAP/TW ZDK2.5-2 OR	C.131
1791100000	ZDK 1.5	C.20
1791110000	ZDK 1.5 BL	C.20
1791120000	ZDK 1.5DU-PE	C.21
1791130000	ZDK 1.5V	C.20
1791140000	ZDK 1.5V BL	C.20
1791150000	ZDK 1.5PE	C.50
1791160000	ZAP/TW ZDK1.5	C.130
1791170000	ZAP/TW ZDK1.5 BL	C.130
1791190000	ZEI 6	C.5
1792000000	WS 10/5 MC MIDD. NEUTR.	F.28
1792010000	WS 10/5 MC MIDD. SONDER	F.28
1793950000	ZQV 4N/2 RT	D.165
1793960000	ZQV 4N/2 BL	D.165
1793970000	ZQV 4N/2 SW	D.165
1793980000	ZQV 4N/3 RT	D.165
1793990000	ZQV 4N/3 BL	D.165
1794000000	ZQV 4N/3 SW	D.165
1794010000	ZQV 4N/4 RT	D.165
1794020000	ZQV 4N/4 BL	D.165
1794030000	ZQV 4N/4 SW	D.165
1794040000	ZQV 4N/10 RT	D.165
1794050000	ZQV 4N/10 BL	D.165
1794060000	ZQV 4N/10 SW	D.165
1797460000	Tintenpatrone PrintJet	F.36
1798330000	ZDTR 2.5 BL	C.67
1798340000	AP ZDTR2.5 BL	C.131
1798460000	WPE 1.5/R3.5	D.133

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1802180000	MC-MOBILO AUFN. SF 4-6	F.40
1802690000	TS 27X12.5M/ST/F.ZN	E.13
1802780000	WDU 240	D.13
1802790000	WQB 240/2	D.13

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1802800000	WQB 240/3	D.13
1802810000	WZAD 240	D.13
1803890000	ZHP ZDU4/NT SO	C.76
1805480000	BZT 2 WS 10/5	F.30
1805490000	BZT 1 WS 10/5	F.30
1805520000	BZT 1 ZA WS 10/5	F.30
1805530000	BZT 2 ZA WS 10/5	F.30
1805610000	MEW 35/1	F.12
1805880000	SNAPMARK I	F.30
1805940000	ZDKPE 2.5-2	C.29
1805960000	ZAP/TW ZDKPE2.5-2	C.29
1805980000	TS 35X15/6X18 2M/ST/ZN	F.10
1806120000	EM 8/30	F.33
1806620000	WQL 2 WF6-10	D.150
1806630000	IS 2 KG	F.63
1806640000	WQL 3 WF6-10/2	D.150
1806650000	IS 3 KG	F.63
1806660000	IS 4 KG	F.63
1806980000	ZDU 4-2/4AN	C.16
1806990000	ZDU 4-2/4AN BL	C.16
1807010000	ZAP ZDU4-2/4AN	C.131
1807020000	ZAP ZDU4-2/4AN BL	C.16
1807030000	ZAP ZDU4-2/4AN OR	C.131
1807090000	ZPE 4-2/4AN	C.46
1808010000	ZDU 2.5 S	C.72
1808020000	ZDU 2.5 S BL	C.72
1808030000	ZAP ZDU 2.5 S	C.132
1808040000	ZAP ZDU 2.5 S BL	C.72
1808050000	ZAP ZDU 2.5 S OR	C.132
1808170000	ZAP/TW ZDUA2.5-2N	C.118
1808180000	ZDUA 2.5-2N BL	C.118
1808200000	ZDUA 2.5-2N	C.118
1808210000	ZPEA 2.5-2N	C.118
1808230000	ZDU 6 S	C.73
1808240000	ZDU 6 S BL	C.73
1808250000	ZAP ZDU 6 S	C.132
1808260000	ZAP ZDU 6 S BL	C.132
1808280000	ZHP S SO	C.132
1808290000	ZHP S	C.132
1808320000	ZNT 6 S	C.74
1808330000	ZPE 2.5 S	C.77
1808340000	ZPE 4 S	C.77
1808350000	ZPE 6 S	C.78
1808360000	ZDU 4 S	C.72
1808370000	ZDU 4 S BL	C.72
1808380000	ZAP ZDU 4 S	C.132
1808390000	ZAP ZDU 4 S BL	C.72
1808980000	WQL 2 WF6-8	D.150
1809110000	ST 4000/S M8	D.152
1809120000	ST 4000/S M8 F	D.152
1809130000	ST 4000/S M10	D.152
1809140000	ST 4000/S M10 F	D.152
1809150000	ST 4000/L M10	D.153
1809160000	ST 4000/L M10 F	D.153
1809170000	ST 4000/L M12	D.153
1809180000	ST 4000/L M12 F	D.153
1809190000	ST 4000/S P150	D.152
1809200000	ST 4000/L P180	D.153
1809210000	ST 4000/S E150	D.152
1809220000	ST 4000/L E180	D.153
1809230000	ST 4000/S C130	D.152
1809240000	ST 4000/L C160	D.153
1809250000	ST 4000/S CB M8/4	D.152
1809260000	ST 4000/S CB M10/4	D.152
1809270000	ST 4000/S CB M10/6	D.152
1809280000	ST 4000/L CB M10/4	D.153
1809290000	ST 4000/L CB M12/4	D.153
1809300000	ST 4000/L CB M12/6	D.153
1809310000	ST 4000/S J2 M8	D.152
1809320000	ST 4000/S J3 M8	D.152
1809340000	ST 4000/S J2 M10	D.152
1809350000	ST 4000/S J3 M10	D.152
1809360000	ST 4000/S J4 M10	D.152
1809370000	ST 4000/L J2 M10	D.153
1809390000	ST 4000/L J4 M10	D.153
1809400000	ST 4000/L J2 M12	D.153
1809410000	ST 4000/L J3 M12	D.153
1809420000	ST 4000/L J4 M12	D.153
1809470000	ST 4000/S S150	D.152
1809480000	ST 4000/L S180	D.153

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1812710000	WQL 2 WF5	D.144
1812740000	WQL 3 WF5	D.144
1814660000	ZF 4 S BL	F.7
1814670000	ZF 4 S GN	F.7
1814680000	ZF 4 S	F.7
1814690000	ZSI 6-2/FC	C.62
1814700000	ZSI 6-2/FC LD	C.62
1814710000	ZAP ZDU6-2 SW	C.131
1815070000	ZT 2.5/2AN/1	C.82
1815080000	ZTPE 2.5/2AN/1	C.86
1815090000	ZT 2.5/3AN/1	C.82
1815100000	ZTPE 2.5/3AN/1	C.86
1815110000	ZT 2.5/4AN/2	C.83
1815120000	ZTPE 2.5/4AN/2	C.87
1815130000	ZT 2.5/4AN/4	C.83
1815140000	ZTPE 2.5/4AN/4	C.87

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1815150000	ZDT 2.5/2	C.90
1815160000	ZDT 2.5/2 DU-PE	C.91
1815170000	ZDT 2.5/2 PE	C.92
1815180000	ZP 2.5/1AN/17	C.96
1815190000	ZP 2.5/1AN/QV/1	C.97
1815200000	ZP 2.5/1AN/QV/2	C.97
1815210000	ZP 2.5/1AN/QV/3	C.97
1815220000	ZP 2.5/1AN/QV/4	C.97
1815230000	ZP 2.5/1AN/QV/5	C.97
1815240000	ZP 2.5/1AN/QV/6	C.97
1815250000	ZP 2.5/1AN/QV/7	C.97
1815260000	ZP 2.5/1AN/QV/8	C.97
1815270000	ZP 2.5/1AN/QV/9	C.97
1815280000	ZP 2.5/1AN/QV/10	C.97
1815290000	ZP 2.5/1AN/QV/11	C.97
1815300000	ZP 2.5/1AN/QV/12	C.97
1815310000	ZP 2.5/1AN/QV/13	C.97
1815320000	ZP 2.5/1AN/QV/14	C.97
1815330000	ZP 2.5/1AN/QV/15	C.97
1815340000	ZP 2.5/1AN/QV/16	C.97
1815350000	ZP 2.5/1AN/QV/17	C.97
1815430000	ZP 2.5/1AN/1	C.83
1815440000	ZP 2.5/1AN/2	C.83
1815450000	ZP 2.5/1AN/3	C.83
1815500000	ZP 2.5/1AN/4	C.83
1815510000	ZP 2.5/1AN/5	C.83
1815520000	ZP 2.5/1AN/6	C.96
1815530000	ZP 2.5/1AN/7	C.83
1815540000	ZP 2.5/1AN/8	C.83
1815550000	ZP 2.5/1AN/9	C.83
1815560000	ZP 2.5/1AN/10	C.83
1815570000	ZP 2.5/1AN/11	C.96
1815580000	ZP 2.5/1AN/12	C.96
1815590000	ZP 2.5/1AN/13	C.96
1815600000	ZP 2.5/1AN/14	C.96
1815610000	ZP 2.5/1AN/15	C.96
1815620000	ZP 2.5/1AN/16	C.96
1815720000	ZP 2.5/1AN/24	C.96
1815730000	ZP 2.5/2AN/QV/1	C.97
1815740000	ZP 2.5/2AN/QV/2	C.97
1815750000	ZP 2.5/2AN/QV/3	C.97
1815760000	ZP 2.5/2AN/QV/4	C.97
1815770000	ZP 2.5/2AN/QV/5	C.97
1815780000	ZP 2.5/2AN/QV/6	C.97
1815790000	ZP 2.5/2AN/QV/7	C.97
1815800000	ZP 2.5/2AN/QV/8	C.97
1815810000	ZP 2.5/2AN/QV/9	C.97
1815820000	ZP 2.5/2AN/QV/10	C.97
1815830000	ZP 2.5/2AN/QV/11	C.97
1815840000	ZP 2.5/2AN/QV/12	C.97
1815850000	ZP 2.5/2AN/QV/13	C.97
1815860000	ZP 2.5/2AN/QV/14	C.97
1815870000	ZP 2.5/2AN/QV/15	C.97
1815880000	ZP 2.5/2AN/QV/16	C.97
1816030000	ZAP/TW ZT2.5/2AN	C.133
1816040000	ZAP/TW ZT2.5/2AN OR	C.133
1816050000	ZAP/TW ZT2.5/3AN	C.133
1816060000	ZAP/TW ZT2.5/3AN OR	C.82
1816070000	ZAP/TW ZT2.5/4AN/2	C.133
1816080000	ZAP/TW ZT2.5/4AN/2 OR	C.133
1816090000	ZAP/TW ZT2.5/4AN/4	C.133
1816110000	ZAP/TW ZDT2.5/2	C.133
1816130000	ZVR ZP2.5	C.103
1816140000	ZZE ZP2.5	C.103
1816150000	KOSF ZT2.5	C.100
1818400000	WS 10/6 MC Midd. Neutr.	F.28
1818410000	WS 10/6 MC Midd. Sonder	F.29

1820000000

1820550000	WDU 95N/120N	D.13
1820560000	WDU 95N/120N BL	D.13
1820570000	ZP 2.5/1AN/QV/1 GN	C.97
1820580000	ZP 2.5/1AN/1 GN	C.96
1820590000	ZP 2.5/2AN/QV/1 GN	C.97
1820840000	WDU 50N	D.12
1820850000	WDU 50N BL	D.12
1820860000	ZSI 6-2 2X2.5/G20/GL	C.60
1820930000	ZSI 6-2 2X2.5/G20	C.60
1820940000	ZSI 6-2 2X2.5/G25/GL	C.60
1820950000	ZSI 6-2 2X2.5/G25	C.60
1822210000	WDU 240 BL	D.13
1826030000	ZSI 2.5-2/2X2AN/G20/GL	C.58
1826050000	ZSI 2.5-2/2X2AN/G20	C.58
1826090000	ZSI 2.5-2/2X2AN/G25/GL	C.58
1826200000	ZSI 2.5-2/2X2AN/G25	C.58
1826890000	WQV 95/120/2	D.13
1826900000	WQV 95/120/3	D.13
1826910000	WQV 95/120/4	D.13
1826970000	ZDU 1.5/2X2AN	C.5
1826990000	ZDU 1.5/2X2AN BL	C.5
1827000000	ZDU 1.5/2X2AN OR	C.152
1827080000	ZTA ZT2.5	C.142
1828450000	WS 10/6 MC NEUTRAL	F.28
1828460000	WS 10/6 MC Sonderdruck	F.29

Order No.	Type	Page
1830420000	ZDU 6 RT	C.153
1830610000	ZDU 10 OR	C.153
1830650000	ZDU 16 SW	C.153
1830680000	ZDU 16 OR	C.153
1830760000	ZDU 35 OR	C.153
1831130000	ZTR 2.5/0.TNHE	C.66
1831260000	ZDK 2.5-2 OR	C.152
1831280000	ZTR 2.5	C.66
1833090000	TNST	D.178
1833100000	BEST	D.178
1833340000	WDU 10 GN	D.181
1833350000	WDU 10 GE	D.181
1833380000	WDU 10 WS	D.181
1833400000	WDU 16 RT	D.181
1833420000	WDU 16 SW	D.181
1833600000	WDK 2.5/TR-DU/o TNHE	D.60
1833610000	WDK 2.5/TR-DU/o TNHE StB	D.60
1833640000	WDK 2.5/TR-DU-PE/o TNHE	D.61
1833670000	WDK 2.5/TR-DU-PE/o TNHE StB	D.61
1834060000	WQV 50N/2	D.12
1834070000	WQV 50N/3	D.12
1834080000	WQV 50N/4	D.12
1835840000	KLBUE 3-8 SDSC	E.11
1836370000	QVAR 1	C.134
1836550000	WDU 35N KB BL	D.181
1837030000	PDL 4 S/L/L	B.30
1837040000	PDL 4 S/L/L/PE	B.32
1837050000	PDL 4 S/N/L/PE	B.31
1837060000	PDL 4 S/NT/L/PE	B.30
1837070000	PAP PDL4S	B.30
1837080000	PHP PDL SO	B.30
1837090000	PHP PDL	B.30
1839850000	WAP WDK 2.5N/TR-DU	D.60

1840000000

1846030000	WPE 95N/120N	D.31
1846040000	WPE 50N	D.30
1847600000	ZTA ZT2.5/ZA	C.142
1847610000	PDL 4 S/L	B.31
1847620000	PDL 4 S/N	B.32
1847630000	PDL 4 S/N/L	B.31
1847740000	STB 36.8/IH/DB WTL6/1	B.23
1847760000	STB 36.8/IH/GE WTL6/1	D.73
1847770000	STB 36.8/IH/GN WTL6/1	D.73
1847780000	STB 36.8/IH/VI WTL6/1	D.71
1847790000	STB 36.8/IH/BL WTL6/1	D.73
1848290000	TS 35X15/2.3 2M/AL/BK	F.10
1848330000	ZTPE 4/4AN/2	C.88
1848340000	ZP 4/1AN/1	C.85
1848350000	ZT 4/4AN/2	C.85
1848480000	FEKO ZRV2.5 1.5-2.5	C.95

1850000000

1854090000	WS 10/15 MC Neutr.	F.29
1854100000	WS 10/15 MC Sonderdruck	F.29
1854490000	DEK 5/5 PLUS MC NEUTRAL	F.25
1854500000	DEK 5/5 PLUS MC SONDERDR.	F.25
1854750000	FEKO ZRV2.5 0.2-0.35	C.95
1854760000	FEKO ZRV2.5 0.5-1	C.95
1854960000	ZT 4/2AN/1	C.85
1854970000	ZTPE 4/2AN/1	C.88
1854980000	ZP 4/1AN/1 GN	C.97
1854990000	ZP 4/1AN/2	C.85
1855000000	ZP 4/1AN/3	C.85
1855010000	ZP 4/1AN/4	C.85
1855020000	ZP 4/1AN/5	C.85
1855030000	ZP 4/1AN/6	C.85
1855040000	ZP 4/1AN/7	C.85
1855050000	ZP 4/1AN/8	C.85
1855060000	ZP 4/1AN/9	C.85
1855070000	ZP 4/1AN/10	C.85
1855080000	ZP 4/1AN/11	C.97
1855090000	ZP 4/1AN/12	C.97
1855100000	ZP 4/1AN/13	C.97
1855110000	ZP 4/1AN/14	C.97
1855120000	ZP 4/1AN/15	C.97
1855130000	ZP 4/1AN/16	C.97
1855220000	ZAP/TW ZT4/2AN	C.85
1855230000	ZAP/TW ZT4/2AN OR	C.85
1855240000	ZAP/TW ZT4/4AN/2 OR	C.85
1855250000	ZVR ZP4	D.102
1855260000	ZZE ZP4	D.102
1855610000	WTR 2.5	D.54
1855620000	WTR 2.5 STB2.3	D.54
1856740000	DEK 5/8 MC Neutral	F.25
1856750000	DEK 5/8 MC Sonderdruck	F.25
1856860000	KOSF ZT4	D.102
1858920000	Tintentank PrintJet II	F.36
1858950000	CleanUnit PrintJet II	F.36
1859200000	WEW 35/2 GR 7042	F.5
1859570000	IEPL	C.134
1859580000	WZAD 95N/120N	D.13
1859600000	Q WDU6-2.5 SET	D.162
1859620000	Q WDU10-2.5 SET	D.161

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1861030000	ZAD ZT/ZPS2.5	C.100
1861040000	ZPS 2.5/1AN/QV/1	C.99
1861050000	ZPS 2.5/1AN/QV/1 GN	C.99
1865510000	ZTTR 2.5	C.93
1865520000	ZAP/TW ZTTR2.5	C.93
1865940000	ZPS 2.5/1AN/QV/6	C.103
1866070000	GHDE ZPS2.5/1AN	C.99
1866220000	ZZE ZP2.5/4	C.100
1866230000	ZZE ZP2.5/8	C.100
1866240000	ZVLA SC ZPS2.5	C.105
1866250000	ZVLA1 ZPS2.5	C.103
1866260000	ZVLA RC ZPS2.5	C.105
1866290000	TS 35X15/6X25 2M/ST/ZN	F.10
1866760000	Removal Tool AFK	C.95
1867090000	ZP 2.5/1AN/2 GN/BE	C.96
1867100000	ZP 2.5/1AN/3 GN/BE	C.96
1867110000	ZP 2.5/1AN/4 GN/BE	C.96
1867120000	ZP 2.5/1AN/5 GN/BE	C.96
1867130000	ZP 2.5/1AN/6 GN/BE	C.96
1867140000	ZP 2.5/1AN/7 GN/BE	C.96
1867150000	ZP 2.5/1AN/8 GN/BE	C.96
1867160000	ZP 2.5/1AN/9 GN/BE	C.96
1867170000	ZP 2.5/1AN/10 GN/BE	C.96
1867180000	ZP 2.5/1AN/11 GN/BE	C.96
1867190000	ZP 2.5/1AN/12 GN/BE	C.96
1867200000	ZP 2.5/1AN/13 GN/BE	C.96
1867210000	ZP 2.5/1AN/14 GN/BE	C.96
1867220000	ZP 2.5/1AN/15 GN/BE	C.96
1867240000	ZP 2.5/1AN/17 GN/BE	C.96
1867420000	ZSI 2.5-2/2X2AN/G20/LD3	C.59
1867440000	ZSI 2.5-2/2X2AN/G20/LD1	C.59
1867500000	ZSI 6-2 2X2.5/G20/LD1	C.61
1868880000	SMSE WF10/2xM6	D.150

1870000000

1872720000	WZAD 50N	D.12
1875150000	ZP 2.5/1AN	C.98
1875180000	ZP 2.5/1AN GN	C.98
1875190000	ZP 2.5/1AN ZA	C.98
1875200000	ZP 2.5/1AN ZA GN	C.98
1875210000	ZP 2.5/1AN ZA O.RA	C.98
1875220000	ZP 2.5/1AN ZA O.RA GN	C.98
1878560000	BEST/D	D.178
1878570000	BEST/DRBR	D.178
1878600000	ZVLA DF ZPS2.5	C.104
1878620000	ZVR ZPS2.5	C.100
1878660000	WTA 4N WDK 2.5	D.175
1879350000	WTA 4N/ZA WDK 2.5	D.175
1879730000	ZSI 2.5-2/2X2AN/G20/LD4	C.59
1879750000	ZSI 6-2 2X2.5/G20/LD4	C.61
1879910000	WAP WTL6/3	D.158

1880000000

1880390000	WSI 4/2/LD 140-250V AC/DC	D.32
1880410000	WSI 4/2/LD 10-36V AC/DC	D.32
1880420000	WSI 4/2/LD 60-150V AC/DC	D.32
1880430000	WSI 4/2	D.32
1880440000	WSI 4/2/LD 30-70V AC/DC	D.32
1880450000	WAP WSI4/2	D.32
1881640000	WAP WTL4/2	D.72
1881650000	WTL 4/2 STB	D.72
1882590000	PDL 4/L/L	B.35
1882600000	PDL 4/NT/L	B.33
1882610000	PDL 4/L/L/PE	B.34
1882620000	PDL 4/NT/L/PE	B.33
1882890000	LM MT300 15X9 GE	D.126
1883210000	PAP PDL4	B.21
1886550000	WSI 4/LD 140-250V AC/DC	D.33
1886560000	WSI 4/LD 30-70V AC/DC	D.33
1886570000	WSI 4/LD 60-150V AC/DC	D.33
1886580000	WSI 4	D.33
1886590000	WSI 4/LD 10-36V AC/DC	D.33
1887210000	WTL 6/4 FF	D.76
1887220000	WTD 6/4 FF	D.76
1887240000	WAP WTL6/4FF	D.76

1890000000

1893940000	FEKO ET ZRV2.5 0.2-0.35	C.95
1893970000	FEKO ET ZRV2.5 0.5-1	C.95
1893990000	FEKO ET ZRV2.5 1.5-2.5	C.95
1895700000	ZDKPE 2.5-2/N/L/PE	C.29
1896100000	PHP PNT 6/10	B.28
1896110000	PDU 2.5/4	B.4
1896120000	PDU 2.5/4/3AN	B.4
1896130000	PDU 2.5/4/4AN	B.5
1896140000	PDU 6/10	B.5
1896150000	PDU 6/10/3AN	B.6
1896160000	PPE 2.5/4/4AN	B.12
1896170000	PPE 2.5/4	B.11
1896180000	PPE 6/10	B.12
1896190000	PPE 6/10/3AN	B.13
1896200000	PPE 2.5/4/3AN	B.11
1896210000	PPE 16	B.14
1896220000	PDU 16 BL	B.7

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1896230000	PDU 2.5/4 BL	B.4
1896240000	PDU 2.5/4/3AN BL	B.4
1896250000	PDU 2.5/4/4AN BL	B.5
1896270000	PDU 6/10 BL	B.5
1896280000	PDU 6/10/3AN BL	B.6
1896290000	PAP 16	B.7
1896300000	PAP 2.5/4	B.4
1896320000	PAP 2.5/4/4AN	B.4
1896330000	PAP PDU6/10	B.5
1896340000	PAP PDU6/10/3AN	B.6
1896350000	PNT 16	B.29
1896360000	PNT 2.5/4	B.28
1896370000	PNT 6/10	B.28
1896380000	PHP PNT16	B.29
1896390000	PHP PNT 2.5/4	B.28
1896400000	PDU 16	B.7
1896480000	PAP 2.5/4/3AN	B.11
1897000000	DS 13.5 WTL6/4FF	D.76
1897010000	QL 2 WTL6/4FF	D.76
1897020000	QL 3 WTL6/4FF	D.76
1897030000	QL 4 WTL6/4FF	D.76
1897090000	QL 10 WTL 6/4 FF	D.76
1897100000	QL 50 WTL6/4FF	D.76
1897110000	Q 2 WTL6/2FF	D.76
1897120000	Q 3 WTL6/2FF	D.76
1897130000	Q 4 WTL 6/4FF	D.76
1897190000	Q 10 WTL 6/4FF	D.76
1898420000	STGH O.R/SW ZRV2.5	C.95
1898430000	STGH O.ZA/O.R/SW ZRV2.5	C.95
1898450000	ZTC 2.5/4AN/4	C.84
1898480000	ZTCPE 2.5/4AN/4	C.87
1899170000	MOFU 15/35 ZPS2.5	C.105
1899180000	PDL 4/N/L/PE	B.34
1899190000	PDL 4/TR/DU	B.22
1899200000	PDL 4/TR/DU/PE	B.22
1899210000	PDL 4/TR/DU O TNHE	B.21
1899220000	PDL 4/TR/DU/PE O TNHE	B.21

1900000000

1904960000	WQL 4 WF8-6/3	D.150
1905060000	WDU 4/ZZ	D.7
1905070000	WAP WDU/WTR4/ZR	D.157
1905080000	WTR 4/ZR	D.57
1905090000	WTR 4/ZZ	D.56
1905100000	WTR 4/ZZ STB	D.56
1905110000	WTR 4/ZR STB	D.57
1905120000	WPE 4/ZR	D.25
1905130000	WPE 4/ZZ	D.25
1905140000	WDU 4/ZR	D.7
1905150000	WAP WDU/WTR4/ZZ	D.157
1905170000	ZDK 4-2/N/L	C.31
1905470000	ZTTR 2.5 O.TNHE	C.93
1905490000	M-PRINT PRO	F.41
1905500000	M-PRINT PRO ADVANCED	F.41
1905950000	WS 10/8 PLUS MC NE WS	F.29
1905970000	WS 10/12 MC NEUTRAL	F.29
1906000000	WS 12/8 PLUS MC NE WS	F.29
1906010000	WS 12/8 PLUS MC SDR	F.29
1906030000	WS 10/8 PLUS MC SDR	F.29
1906060000	WS 10/12 MC SONDERDRUCK	F.29
1906210000	ZQV 6N/2	B.5
1906220000	ZQV 6N/3	B.5
1906230000	ZQV 6N/4	B.5
1906240000	ZQV 6N/20	B.5
1906960000	ZRV 2.5/1	C.95
1906970000	ZRV 2.5/2	C.95
1906980000	AP ZRV2.5	C.95
1907000000	STGH ZRV2.5	C.95
1907010000	STGH O.ZA ZRV2.5	C.95
1907520000	DEK 5/5 PLUS MC GE	F.25
1908550000	BA ZPS2.5	C.105
1908560000	BA RC ZPS2.5	C.105
1908960000	ZQV 2.5/20	C.140
1908990000	ZQV 6/24 GE	C.141
1909000000	ZQV 2.5N/20 GE	D.165
1909010000	ZQV 4/20 GE	C.140
1909020000	ZQV 4N/20 GE	D.165
1909100000	ZQV 4N/20 BL	D.165
1909110000	ZQV 2.5N/20 RT	D.165
1909120000	ZQV 4N/20 SW	D.165
1909130000	ZQV 2.5N/20 SW	D.165
1909140000	ZQV 2.5N/20 BL	D.165
1909150000	ZQV 4N/20 RT	D.165

1910000000

1915450000	WTA 8 TN	D.72
1915480000	WTA 8 KO-TN	D.175
1916150000	PAD 2.5/4/4	B.4
1916160000	PAD 6/10/4	B.5
1916170000	PAD 16/4	B.7
1916180000	PTA PDU2.5/4	B.4
1916190000	PTA ZA PDU2.5/4	B.4
1916400000	PRH 2.5/4/2	B.4
1916410000	PRH 2.5/4/1	B.4
1916790000	PHP PNT 2.5/4 SO	B.28
1917410000	WS 10/6 MC MIDDLE OR	F.28
1917420000	WS 10/6 MC MIDDLE GN	F.28
1917430000	WS 10/6 MC MIDDLE GE	F.28
1917440000	WS 10/6 MC MIDDLE RT	F.28
1918680000	PDK 2.5/4V BL	B.8
1918710000	PDK 2.5/4 PE	B.15
1918720000	PDK 2.5/4L-PE	B.9
1918730000	PDK 2.5/4V	B.8
1918740000	PDK 2.5/4N-L	B.9
1918760000	PDK 2.5/4 BL	B.8
1918770000	PDK 2.5/4	B.8
1918780000	PEI 16	B.7
1918790000	PEI 16 BL	B.7
1919690000	PHP PNT16 SO	B.29
1919710000	PHP PNT 6/10 SO	B.28
1919720000	PAP PDK 2.5/4	B.8

1920000000

1920640000	PLOTTER PEN 0.25 P-INK	F.39
1920650000	PLOTTER PEN 0.35 P-INK	F.39
1924310000	MCP AP SF4-6	F.39
1924320000	MCP KLEBESTREIFEN	F.39
1924330000	P-CLEANER	F.39
1924340000	P-Ink 2.0	F.39
1924350000	MCP COVER	F.39
1924360000	MCP AP PLUS	F.39
1924370000	MCP AP LABLES	F.39
1924450000	ZDK 2.5/3AN D2	C.127
1924460000	ZDK 2.5/3AN DU-PE	C.33
1924470000	ZDK 2.5/3AN PE	C.52
1924480000	ZDK 2.5/3AN V BL	C.32
1924490000	ZDK 2.5/3AN V	C.32
1924500000	ZDK 2.5/3AN BL	C.32
1924510000	ZDK 2.5/3AN	C.32
1924910000	ZAP/TW ZDK 2.5/3AN	C.127
1925000000	MCP PLUS	F.37
1927510000	WS 12/5 PLUS MC NEUTRAL	F.28
1927520000	WS 12/5 PLUS SONDERDRUCK	F.28
1927530000	WS 12/6 PLUS MC NEUTRAL	F.28
1927540000	WS 12/6 PLUS SONDERDRUCK	F.29

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1933700000	ZDU 2.5N	C.18
1933710000	ZDU 2.5N BL	C.18
1933720000	ZDU 2.5N/3AN	C.18
1933730000	ZDU 2.5N/3AN BL	C.18
1933740000	ZDU 2.5N/4AN	C.19
1933750000	ZDU 2.5N/4AN BL	C.19
1933760000	ZPE 2.5N	C.48
1933770000	ZPE 2.5N/3AN	C.48
1933780000	ZPE 2.5N/4AN	C.49
1933790000	ZAP/TW ZDU/ZPE 2.5N	C.18
1933800000	ZAP/TW ZDU/ZPE 2.5N/3AN	C.18
1933810000	ZAP/TW ZDU/ZPE 2.5N/4AN	C.19
1933890000	PTR 2.5/4/4AN O TNHE	B.20
1933910000	PTR 2.5/4 O TNHE	B.18
1933930000	PTR 2.5/4/3AN BL	B.19
1933940000	PTR 2.5/4/4AN	B.19
1933950000	PTR 2.5/4	B.18
1933970000	PTR 2.5/4 BL	B.18
1933980000	PTR 2.5/4/3AN	B.19
1933990000	PTR 2.5/4/3AN O TNHE	B.19
1934000000	PTR 2.5/4/4AN BL	B.19
1934160000	ZAD 9/4	C.147
1934680000	PAP PTR2.5/4	B.18
1934690000	PAP PTR2.5/4/3AN	B.19
1934700000	PAP PTR2.5/4/4AN	B.19
1934790000	WTQ 6/1 EN	D.73
1934800000	WTQ 6/1 EN STB	D.73
1934810000	WTL 6/1 EN	D.73
1934820000	WTL 6/1 EN STB	D.73
1934830000	WTD 6/1 EN	D.63
1935130000	MCP EP	F.39
1936140000	WKS 2/2	D.74
1936150000	WKS 2/3	D.74
1936160000	WKS 2/4	D.73
1936240000	STB 21.6/45 GE	D.71
1936250000	STB 21.6/45 GN	D.71
1936260000	STB 21.6/45 VI	D.71
1936270000	STB 21.6/45 SW	D.71
1936280000	STB 21.6/45 GR	D.71
1936290000	STB 21.6/45 BL	D.71
1936300000	STB 21.6/45 RT	D.71
1938790000	STB 21.6/45 DB	D.71
1938820000	WTL 6/1/STB/TNSC/EN	D.74
1939440000	WPDB 16/6 3/4	D.122
1939450000	WPDB 35-16/16 1-1/6	D.122
1939460000	WPDB 70/16 1/10	D.123
1939470000	WPDB 120/35-16-10 1/2-5-4	D.124
1939480000	WPDB 185/35-16-10 1/2-5-4	D.124
1939490000	WPDB 3x70/16 1/6	D.125
1939500000	WPDB 70/16 1/6	D.126
1939510000	WPDB 35/16/6/N 1/2/5/11	D.126

1940000000

1946210000	ZDU 2.5-2/3AN SW	C.152
1946220000	ZDU 2.5-2/3AN RT	C.152
1946230000	ZDU 2.5-2/3AN WS	C.152
1946240000	ZDU 2.5-2/3AN GE	C.152
1948000000	BLZP 5.08/02/90 SN OR BX	D.112
1948020000	BLZP 5.08/04/90 SN OR BX	D.112
1948060000	BLZP 5.08/08/90 SN OR BX	D.112
1948110000	BLZP 5.08/12/90 SN OR BX	D.112
1948150000	BLZP 5.08/16/90 SN OR BX	D.112
1948240000	BLZP 5.08/02/90 SN BK BX	D.112
1948260000	BLZP 5.08/04/90 SN BK BX	D.112
1948300000	BLZP 5.08/08/90 SN BK BX	D.112
1948340000	BLZP 5.08/12/90 SN BK BX	D.112
1948380000	BLZP 5.08/16/90 SN BK BX	D.112
1949800000	BLZP 5.08/02/90F SN OR BX	D.112
1949820000	BLZP 5.08/04/90F SN OR BX	D.112
1949860000	BLZP 5.08/08/90F SN OR BX	D.112
1949900000	BLZP 5.08/12/90F SN OR BX	D.112
1949940000	BLZP 5.08/16/90F SN OR BX	D.112

1950000000

1950040000	BLZP 5.08/02/90F SN BK BX	D.112
1950060000	BLZP 5.08/04/90F SN BK BX	D.112
1950100000	BLZP 5.08/08/90F SN BK BX	D.112
1950140000	BLZP 5.08/12/90F SN BK BX	D.112
1950180000	BLZP 5.08/16/90F SN BK BX	D.112
1951870000	WS 8/5 PLUS MC NEUTRAL	F.28
1951880000	WS 8/6 PLUS MC NEUTRAL	F.28
1951920000	DEK 5/30 MC NEUTRAL	F.33
1957710000	WAP WTL6/1 EN	D.74

1960000000

1964830000	WZAD 70N	D.13
1966020000	WSI 25/1 10x38	D.46
1966030000	WSI 25/3 CC	D.46
1966040000	WSI 25/2 CC	D.46
1966050000	WSI 25/1 CC	D.46
1966060000	WSI 25/1 10x38/LED	D.46
1966070000	WSI 25/1 CC/LED	D.46
1966080000	WSI 25/3 10x38	D.46
1966090000	WSI 25/2 10x38	D.46
1966380000	WAP 2.5-10/0.5mm	D.156
1967200000	ZT 2.5/2X2AN	C.83

1970000000

1972980000	ZP 2.5/1AN ZA O.RA BL	C.98

2010000000

2012420000	STB 14/D6/4/M3 SAK10	D.74

2260000000

2269800000	KLBUE 4-6 Z/1	E.14

2310000000

2318670000	ZE ZRV2.5	C.95

2320000000

2321640000	STGH ZPC2.5 DB	C.84

3890000000

3896100000	SP M6 15 MSZN	E.10
3896200000	SP M6 20 MSZN	E.10
3896300000	SP M6 30 MSZN	E.10

4060000000

4062150000	PJ-Clean Unit	F.36

7900000000

7904100000	ZAP/TW 4/3AN	C.131
7904110000	ZAP/TW 4/3AN BL	C.8
7904120000	ZAP/TW 4/3AN OR	C.131
7904170000	ZPE 4/3AN	C.39
7904180000	ZDU 4/3AN	C.8
7904190000	ZDU 4/3AN BL	C.8
7904210000	ZAP/TW4/4AN	C.131
7904220000	ZAP/TW4/4AN BL	C.9
7904230000	ZAP/TW4/4AN OR	C.131
7904280000	ZPE 4/4AN	C.39
7904290000	ZDU 4/4AN	C.9
7904300000	ZDU 4/4AN BL	C.9
7906040000	BK 2/E	D.138
7906060000	BK 3/E	D.138
7906080000	BK 4/E	D.138
7906090000	BK 6/E	D.138
7906100000	BK 12/E	D.138
7906110000	MK 3/2/E	D.138
7906120000	MK 3/3/E	D.138
7906130000	MK 3/4/E	D.138
7906150000	MK 3/6/E	D.138
7906170000	MK 3/8/E	D.138
7906210000	MK 3/12/E	D.138
7906220000	MK 6/2/E	D.139
7906230000	MK 6/3/E	D.139
7906240000	MK 6/4/E	D.139
7906250000	MK 6/5/E	D.139
7906260000	MK 6/6/E	D.139
7907370000	ZAP/TW6/3AN	C.131
7907380000	ZAP/TW6/3AN BL	C.9
7907390000	ZAP/TW6/3AN OR	C.131
7907400000	ZPE 6/3AN	C.40
7907410000	ZDU 6/3AN	C.9
7907420000	ZDU 6/3AN BL	C.9

7910000000

7910180000	WTR 4	D.55
7910190000	WTR 4 BL	D.55
7910210000	WTR 4 STB	D.55
7910220000	WTR 4 STB BL	D.55
7910240000	WTR 4 SI	D.50
7910270000	WTR 4 SL	D.87
7910300000	WTR 4 STB SL	D.87
7910330000	WTR 4 SI SL	D.90
7910360000	WTR4 SL/EN	D.89
7910380000	WTR4 SL/EN SW	D.89
7910390000	WTR4 SL/EN STB	D.89
7914370000	WTR 4/SI LD 36V	D.50
7914380000	WTR 4/SI LD 70V	D.50
7914390000	WTR 4/SI LD 150V	D.50
7914400000	WTR 4/SI LD 250V	D.50
7917000000	AP MAK2.5 DB	D.96
7917030000	MAK 2.5 DB	D.96

7920000000

7920100000	ZQV 35-10	C.140
7920340000	ZEW 15	F.12
7920900000	ZTR 2.5/4AN	C.67
7920930000	ZTR 2.5/4AN BL	C.67
7920940000	ZTR 2.5/4AN OR	C.67
7920950000	ZTR 2.5/4AN/O.TNHE	C.67
7921560000	SIHA 3/G20	D.177
7921570000	SIHA 3/G20/LD 10-36V	D.177
7921580000	SIHA 3/G20/LD 35-70V	D.177
7921590000	SIHA 3/G20/LD 60-150V	D.177
7921600000	SIHA 3/G20/LD 140-250V	D.177

8010000000

8010040000	WDK 2.5 LD GR 1R 24VDC	D.120
8014670000	WDK 2.5 2D 1.A	D.118

8020000000

8023610000	WDK 2.5 LD/GN 1R 24VDC	D.120
8023630000	WDK 2.5 LD RT 24VDC -+	D.120
8025610000	WDK 2.5 1D	D.117

8160000000

8161820000	WDUL 4	D.116

8630000000

8630740000	ZEW 35/2	F.12

8670000000

8670210000	ZDU 4/4AN OR	C.153
8670420000	ZDU 6/3AN OR	C.153
8670520000	ZDK 4-2/D forward	C.126
8670620000	ZAP/TW ZDK4-2 BL	C.126
8670750000	ZDK 4-2	C.30
8670760000	ZAP/TW ZDK4-2	C.126
8670850000	ZDK 4-2 BL	C.30
8671050000	ZDK 4-2 PE	C.51
8671080000	ZDK 4-2 V	C.30
8671120000	ZDK 4-2/DU-PE	C.31

8700000000

8709760000	ZDK 4-2 EL	C.126

8720000000

8728450000	ZTR 2.5/3AN/O.TNHE	C.66

8730000000

8731640000	WTR 2.5 BL	D.54
8731660000	WTR 2.5 STB2.3 BL	D.54
8731670000	WTR 2.5/0.TNHE STB2.3	D.54
8731680000	ZTR 2.5 OR	C.66
8731690000	ZTR 2.5/3AN OR	C.66
8731700000	WTR 2.5/0.TNHE	D.54
8731710000	ZTR 2.5 BL	C.66
8731720000	ZTR 2.5/3AN	C.66
8731730000	ZTR 2.5/3AN BL	C.66

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8817930000	ZTR 6-2 E / 230V UC	C.71
8870000000		
8870840000	SRC-I QV P	B.38
9000000000		
9002170000	KT ZQV	F.44
9002650000	KT 8	F.42
9002660000	KT 12	F.42
9004050000	H0,5/10	F.77
9004060000	H1,5/12	F.77
9004070000	H1,5/18	F.77
9004080000	H2,5/10	F.77
9004090000	H2,5/18	F.77
9004100000	H4,0/15	F.77
9004110000	H4,0/18	F.77
9004120000	H6,0/10	F.77
9004130000	H6,0/18	F.77
9004140000	H1,5/24D SW SV	F.70
9004150000	H16,0/25	F.77
9004160000	H16,0/32	F.77
9004170000	H25,0/25	F.77
9004180000	H25,0/32	F.77
9004190000	H35,0/25	F.77
9004200000	H35,0/32	F.77
9004210000	H50,0/18	F.77
9004220000	H50,0/32	F.77
9004230000	H70,0/25	F.77
9004240000	H70,0/32	F.77
9004250000	H95,0/25	F.77
9004260000	H95,0/32	F.77
9004270000	H0,5/14 OR BD	F.67
9004280000	H0,5/14D W BD	F.68
9004290000	H0,75/14 W BD	F.67
9004300000	H0,75/14D GR BD	F.68
9004310000	H0,75/14T HBL BD	F.70
9004320000	H1,0/14 GE BD	F.67
9004330000	H1,0/14D R BD	F.68
9004340000	H1,5/14 R BD	F.67
9004350000	H1,5/14D SW BD	F.68
9004360000	H2,5/14D BL BD	F.67
9004370000	H2,5/14T GR BD	F.70
9004390000	H0,34/12 TK BD GSP	F.67
9004410000	H1,5/16 ZH R SV	F.72
9004420000	H1,5/16D ZH SW SV	F.73
9004430000	H2,5/19D ZH BL SV	F.72
9004440000	H0,5/14 ZH OR SV	F.72
9004500000	WAW 1 NEUTRAL	F.43
9004510000	WAW 2	D.172
9004560000	H0,5/14S OR	F.76
9004590000	H0,5/14S W	F.76
9004710000	H10,0/26D R ZH SV	F.73
9004720000	H6,0/23D ZH GE SV	F.73
9004730000	H4/22D ZH GR SV	F.72
9004740000	H2,5/21D ZH BL SV	F.72
9004750000	H1,5/20D SW ZH SV	F.73
9004760000	H1,0/19D ZH R SV	F.73
9004770000	H0,75/16D ZH GR SV	F.73
9004780000	H0,5/14D ZH W SV	F.73
9004900000	H0,75/16 ZH W SV	F.72
9004910000	H1,0/19 ZH GE SV	F.72
9004920000	H1,5/20 ZH R SV	F.72
9004930000	H6,0/23 ZH SW SV	F.72
9004940000	H10,0/24 ZH EB SV	F.72
9005000000	STRIPAX	F.48
9005140000	H0,75/16T ZH HBL SV	F.74
9005150000	H2,5/21 ZH GR SV	F.74
9005160000	H6,0/23T ZH GN SV	F.74
9005170000	H10,0/26T ZH BR SV	F.74
9005180000	H0,14/10 GR SV	F.66
9005610000	STRIPAX 16	F.48
9005810000	H0,5/14 OR BD GSP	F.67
9005820000	H0,75/14 W BD GSP	F.67
9005830000	H1,0/14 GE BD GSP	F.67
9005840000	H1,5/14 R BD GSP	F.67
9005850000	H2,5/14D BL BD GSP	F.67
9005860000	H0,5/14D W BD GSP	F.69
9005870000	H0,75/14D GR	F.69
9005880000	H1,0/14D R BD GSP	F.69
9005890000	H1,5/14D SW BD GSP	F.69
9005900000	H0,75/14T BL BD GSP	F.71
9005910000	H2,5/14T GR BD GSP	F.71
9005990000	PZ 1.5	F.65
9006020000	SWIFTY	F.54
9006060000	SWIFTY SET	F.54
9006120000	CTI 6	F.65
9006450000	PZ 50	F.53
9006590000	H1,5/17,5X SW SV	F.75
9006630000	H1,5/19,5X SW SV	F.75
9006670000	H2,5/17,5X BL SV	F.75
9006710000	H2,5/21,5X BL SV	F.75
9006750000	H4,0/19,5X GR SV	F.75
9006790000	H6,0/23,0X GE SV	F.75
9006830000	H10,0/24,0X R SV	F.75

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9006870000	H16,0/25,5X BL SV	F.75
9007440000	DMS 3	F.64
9007450000	AKKU DMS 3	F.64
9007460000	LADEGERAET DMS 3	F.64
9007470000	DMS 3 SET 1	F.64
9007480000	DMS 3 SET 2	F.64
9008320000	SD 0,5x3,0x80	F.57
9008330000	SD 0,6x3,5x100	F.57
9008340000	SD 0,8x4,0x100	F.57
9008350000	SD 1,0x5,5x150	F.57
9008370000	SDI 0,4x2,5x75	B.30
9008390000	SDI 0,6x3,5x100	D.96
9008400000	SDI 0,8x4,0x100	D.76
9008520000	SDK PZ0	F.57
9008530000	SDK PZ1	F.57
9008540000	SDK PZ2	F.57
9008550000	SDK PZ3	F.57
9008640000	SDIZ 0,8X5,5 150/248	D.76
9008850000	SK WSD-S 1,5-10,0	F.58
9008860000	SKS 2,0-8,0	F.58
9008870000	SKS 2,0-8,0 MR	F.58
9008880000	TH-S 9-40	F.58
9009010000	SD 1,2x6,5x150	F.57
9009020000	SD 0,8x4,5x125	F.57
9009030000	SD 0,4x2,5x75	F.57
9009070000	SK 10,0x125	F.57
9009160000	SD TH20	F.57
9009730000	SDIS 2,5-5,5/PH1/2	F.55
9010000000		
9010110000	SD 0,6x3,5x200	F.57
9011460000	PZ 6/5	F.50
9012500000	PZ 4	F.50
9012600000	PZ 16	F.52
9013600000	PZ ZH 16	F.52
9013650000	PZ 6 HEX	F.65
9014350000	PZ 6 Roto	F.51
9014400000	HTI 15	F.65
9014840000	HTF ZRV	C.94
9018510000	H0,75/14 ZH W SV	F.72
9018520000	H0,75/14D ZH GR SV	F.73
9018530000	H1,0/15 ZH GE SV	F.72
9018540000	H1,0/15D ZH R SV	F.73
9018550000	H0,75/14TS HBL	F.76
9018560000	H1,0/14S R	F.76
9018580000	H2,5/19T ZH GR SV	F.74
9018590000	H4,0/22T ZH OR SV	F.74
9018650000	H1,0/15S ZH GE SV	F.72
9018690000	H1,0/15S ZH GE	F.72
9018860000	H10/24S ZH EB	F.72
9018870000	H10/30S ZH EB	F.72
9018880000	H10,0/24DS ZH R	F.73
9018890000	H10/30DS ZH R	F.73
9018910000	H0,25/5	F.77
9019000000	H0,5/12D W	F.68
9019010000	H0,5/14D W	F.68
9019020000	H0,5/16D W	F.68
9019030000	H0,75/12D GR	F.68
9019040000	H0,75/14D GR	F.68
9019050000	H0,75/16D GR	F.68
9019060000	H0,75/18D GR	F.68
9019070000	H1,0/12D R	F.68
9019080000	H1,0/14D R	F.68
9019100000	H1,0/16D R	F.68
9019110000	H1,0/18D R	F.68
9019120000	H1,5/14D SW	F.68
9019130000	H1,5/16D SW	F.68
9019140000	H1,5/18D SW	F.68
9019150000	H1,5/24D SW	F.68
9019160000	H2,5/15D BL	F.66
9019170000	H2,5/19D BL	F.66
9019180000	H2,5/25D BL	F.66
9019190000	H4,0/18D GR	F.66
9019200000	H4,0/20D GR	F.66
9019210000	H4,0/26D GR	F.66
9019220000	H6,0/20D GE	F.68
9019230000	H6,0/26D GE	F.68
9019240000	H10,0/22D R	F.68
9019250000	H10,0/28D R	F.68
9019260000	H16,0/22D BL	F.68
9019270000	H16,0/28D BL	F.68
9019280000	H25,0/30D 16 GE	F.68
9019300000	H25,0/36D GE	F.68
9019310000	H35,0/30D 16 R	F.68
9019320000	H35,0/32D R	F.68
9019330000	H35,0/39D R	F.68
9019340000	H50/36D BL	F.68
9019350000	H50,0/41D BL	F.68
9019400000	H0,5/14D W SV	F.68
9019410000	H0,75/14D GR SV	F.68
9019420000	H1,0/14D R SV	F.68
9019430000	H1,5/14D SW SV	F.68
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9020000000	STRIPAX PLUS 2.5	F.49
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9021020000	H0,25/12T GE	F.70

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9021040000	H0.75/14 HBL	F.70
9021050000	H0,75/16T HBL	F.70
9021060000	H0,75/18T HBL	F.70
9021070000	H2,5/15T GR	F.70
9021080000	H2,5/19T GR	F.70
9021090000	H2,5/25T GR	F.70
9021100000	H4,0/18T OR	F.70
9021110000	H4,0/20T OR	F.70
9021120000	H4,0/26T OR	F.70
9021130000	H6,0,0/20T GN	F.70
9021140000	H6/26T GN	F.70
9021150000	H10,0/22T BR	F.70
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9021170000	H16,0/22T W	F.70
9021180000	H16,0/28T W	F.70
9021190000	H25,0/30T SW	F.70
9021200000	H25,0/36T SW	F.70
9021210000	H0,25/10T GE SV	F.70
9021220000	H0,25/12T GE SV	F.70
9021230000	H0,75/14T HBL SV	F.70
9021240000	H2,5/15T GR SV	F.70
9021250000	H4,0/18T OR SV	F.70
9025240000	H1,5/14S SW	F.76
9025690000	H1,5/12S R	F.76
9025700000	H0,75/14S W SV	F.76
9025710000	H1,0/14S GE SV	F.76
9025720000	H1,5/14S R SV	F.76
9025740000	H0,25/10 HBL	F.66
9025750000	H0,34/10 TK	F.66
9025760000	H0,25/12 HBL	F.66
9025770000	H0,34/12 TK	F.66
9025780000	H0,25/12 HBL SV	F.66
9025790000	H0,34/12 TK SV	F.66
9025850000	CRIMP-SET PZ 16	B.53
9025860000	H0,75/16 W	F.66
9025870000	H0,5/16 OR	F.66
9025880000	H50,0/22	F.77
9025910000	H0,75/18 W	F.66
9025930000	H1,0/18 GE	F.66
9025950000	H1,0/16 GE	F.66
9025960000	H0,75/14S W	F.76
9025970000	H1,0/14S GE	F.76
9025980000	H1,5/14S R	F.76
9026010000	H4,0/18 GR SV	F.66
9026030000	H0,34/10 TK SV	F.66
9026050000	H0,25/10 HBL SV	F.66
9026060000	H0,5/14 OR SV	F.66
9026070000	H0,75/14 W SV	F.66
9026080000	H1,0/14 GE SV	F.66
9026090000	H1,5/14 R SV	F.66
9026100000	H2,5/15 BL SV	F.66
9028200000	H70,0/37 GE	F.66
9028210000	H95,0/44 R	F.66
9028220000	H120,0/50 BL	F.66
9028230000	H150,0/54 GE	F.66
9028240000	H0,14/12 GR SV	F.66
9028250000	H0,14/10T BR SV	F.70
9028260000	H0,5/12 OR SV	F.66
9028270000	H0,5/16 OR SV	F.66
9028280000	H0,75/12 W SV	F.66
9028290000	H0,75/16 W SV	F.66
9028300000	H0,75/18 W SV	F.66
9028310000	H1,0/12 GE SV	F.66
9028320000	H1,0/16 GE SV	F.66
9028340000	H1,0/18 GE SV	F.66
9028350000	H1,5/16 R SV	F.66
9028360000	H1,5/14DS SW SV	F.76
9028490000	H2,5/12DS BL	F.76
9028580000	H0,75/14DS HBL	F.76
9028680000	CRIMP-SET PZ 6 ROTO	B.53
9030000000		
9036200000	H2,5/12TS GR	F.76
9036220000	H2,5/16DS BL	F.76
9036240000	H120,0/32	F.77
9036250000	H150,0/32	F.77
9036260000	H185,0/32	F.77
9036290000	HOOKBLA 0,25-1,5 SW	F.78
9036300000	HOOKBLA 1,0-2,5 SW	F.78
9037160000	SD 0,4x2,0x60	F.57
9037200000	H0,5/14 ZH OR	F.72
9037210000	H0,5/16 ZH OR	F.72
9037220000	H0,5/18 ZH OR	F.72
9037230000	H0,75/14 ZH W	F.72
9037240000	H0,75/16 ZH W	F.72
9037250000	H0,75/24 ZH W	F.72
9037260000	H1,0/15 ZH GE	F.72
9037270000	H1,0/19 ZH GE	F.72
9037280000	H1,0/25 ZH GE	F.72
9037290000	H1,5/16 ZH R	F.72
9037300000	H1,5/20 ZH R	F.72
9037310000	H1,5/26 ZH R	F.72
9037320000	H6,0/23 ZH SW	F.72
9037330000	H6,0/29 ZH SW	F.72
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9037410000	H0,75/14D ZH GR	F.73
9037420000	H0,75/16D ZH GR	F.73
9037430000	H0,75/24D ZH GR	F.73
9037440000	H1,0/15D ZH R	F.73
9037450000	H1,0/19D ZH R	F.73
9037460000	H1,0/25D ZH R	F.73
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9037490000	H1,5/26D ZH SW	F.73
9037500000	H2,5/19D ZH BL	F.72
9037510000	H2,5/21D ZH BL	F.72
9037520000	H2,5/27D ZH BL	F.72
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9037550000	H6,0/23D ZH GE	F.73
9037560000	H6,0/29D ZH GE	F.73
9037570000	H10,0/24D ZH R	F.73
9037580000	H10,0/30D ZH R	F.73
9037590000	H16,0/29D ZH BL	F.73
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