







General ordering data	
Order No.	1527860000
Part designation	BLZ 5.08/16 SN OR
Version	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box
EAN	4008190104252
Qty.	30 pc(s).

System parameters	
Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	16
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5
Stripping length	7 mm
L1 in mm	76.2 mm
L1 in inch	3 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data	
Insulating material	PBT
Colour	orange
colour chart	Similar to RAL 2000
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	>= 200

Material data	
Contact base material	Copper alloy
Contact surface	tinned

Connectable conductors	
Clamping range, min.	0.13 mm²
Clamping range, max.	3.31 mm²
AWG, min.	26
AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm²
Solid, max. H05(07) V-U	2.5 mm²
Flexible, min. H05(07) V-K	0.2 mm²
Flexible, max. H05(07) V-K	2.5 mm²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.2 mm²
With wire end ferrule, acc. to DIN 46 228/1, max.	2.5 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm²
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm²
Gauge to EN 60999 a x b; ø	2.8 mm x 2.0 mm; 2.4 mm

DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	19 A
Rated current, max. No. pins (Tu=20°C)	14.5 A
Rated current, min. No. pins(Tu=40°C)	16 A
Rated current, max. No. pins (Tu=40°C)	12.5 A
Rated voltage for overvoltage class/pollution severity II/2	400 V
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Short-time withstand current resistance	3 x 1s with 120 A

CSA rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
AWG conductor (field wiring), min.	26
AWG conductor (field wiring), max.	12

UL 1059 rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
AWG conductor, min.	26
AWG conductor, max.	12

Approvals

Approvals institutes

Classifications

ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	27-26-07-01
eClass 5.0	27-26-07-01
eClass 5.1	27-26-07-04

Similar products

Order No.	Part designation	Version
1526560000	BLZ 5.08/3 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1526660000	BLZ 5.08/4 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1526460000	BLZ 5.08/2 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1526510000	BLZ 5.08/3 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1526610000	BLZ 5.08/4 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1526760000	BLZ 5.08/5 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1526710000	BLZ 5.08/5 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1526410000	BLZ 5.08/2 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box

1526860000	BLZ 5.08/6 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1526810000	BLZ 5.08/6 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1526960000	BLZ 5.08/7 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1526910000	BLZ 5.08/7 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1527060000	BLZ 5.08/8 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1527010000	BLZ 5.08/8 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1527160000	BLZ 5.08/9 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1527110000	BLZ 5.08/9 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1527260000	BLZ 5.08/10 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1527210000	BLZ 5.08/10 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1527360000	BLZ 5.08/11 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1527310000	BLZ 5.08/11 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1527460000	BLZ 5.08/12 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1527410000	BLZ 5.08/12 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1527560000	BLZ 5.08/13 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1527510000	BLZ 5.08/13 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1527660000	BLZ 5.08/14 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box

1527610000	BLZ 5.08/14 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1527760000	BLZ 5.08/15 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1527710000	BLZ 5.08/15 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1527810000	BLZ 5.08/16 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1527960000	BLZ 5.08/17 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1527910000	BLZ 5.08/17 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1528060000	BLZ 5.08/18 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1528010000	BLZ 5.08/18 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1528160000	BLZ 5.08/19 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1528110000	BLZ 5.08/19 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1528260000	BLZ 5.08/20 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1528210000	BLZ 5.08/20 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1528360000	BLZ 5.08/21 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1528310000	BLZ 5.08/21 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1528460000	BLZ 5.08/22 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1528410000	BLZ 5.08/22 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1528560000	BLZ 5.08/23 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 23, 180°, Box

1528510000	BLZ 5.08/23 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1528660000	BLZ 5.08/24 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 24, 180°, Box
1528610000	BLZ 5.08/24 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 24, 180°, Box

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