



General ordering data

Order No.	1527210000
Part designation	BLZ 5.08/10 SN SW
Version	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 10, 180°, Box
EAN	4008190015602
Qty	50 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
Number of poles	10
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	45.72 mm
L1 in inch	1.8 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data

Insulation material	PBT
Colour	black
Description of plastic colour	ähnlich RAL 9011
Insulating material group	IIIa
UL 94 combustibility class	V-0
CTI	>= 200

Material data

Contact base material	Cu alloy
Contact surface	tinned

Connectable conductors

Clamping range, min.	0.13 mm ²
Clamping range, max.	3.31 mm ²
AWG, min.	26
AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²
fine-stranded, min. H05(07) V-U	0.2 mm ²
fine-stranded, max. H05(07) V-U	2.5 mm ²
Wire end ferrule , DIN 46 228/1, min.	0.2 mm ²
Wire end ferrule , DIN 46 228/1, max.	2.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
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	300 V
Rated current	10 A
AWG conductor (field wiring), min.	26
AWG conductor (field wiring), max.	12

UL 1059 rating data

Rated voltage	300 V
Rated current	10 A
AWG conductor (field wiring), min.	26
AWG conductor (field wiring), max.	12

Approvals

Approval body



Downloads

DXF	16065_BLZ_5.08-10_SN_SW_DXF.dxf
STEP	1527210000_16065_BLZ_5.08-10_STP.stp

Classifications

ETIM 2.0	NK
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
1527710000	BLZ 5.08/15 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 15, 180°, Box
1526960000	BLZ 5.08/7 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 7, 180°, Box
1527260000	BLZ 5.08/10 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 10, 180°, Box
1528410000	BLZ 5.08/22 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 22, 180°, Box
1526560000	BLZ 5.08/3 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 3, 180°, Box
1528460000	BLZ 5.08/22 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 22, 180°, Box
1527360000	BLZ 5.08/11 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 11, 180°, Box

1528110000	BLZ 5.08/19 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 19, 180°, Box
1526610000	BLZ 5.08/4 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number 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 mm ² , Pitch: 5.08 mm, Number of poles: 5, 180°, Box
1526510000	BLZ 5.08/3 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 3, 180°, Box
1527760000	BLZ 5.08/15 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 15, 180°, Box
1527510000	BLZ 5.08/13 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 13, 180°, Box
1527210000	BLZ 5.08/10 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 10, 180°, Box
1527160000	BLZ 5.08/9 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 9, 180°, Box
1527460000	BLZ 5.08/12 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 12, 180°, Box
1527960000	BLZ 5.08/17 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 17, 180°, Box
1527110000	BLZ 5.08/9 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 9, 180°, Box
1528310000	BLZ 5.08/21 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 21, 180°, Box
1528510000	BLZ 5.08/23 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 23, 180°, Box
1526810000	BLZ 5.08/6 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 6, 180°, Box
1528010000	BLZ 5.08/18 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 18, 180°, Box
1527860000	BLZ 5.08/16 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 16, 180°, Box
1527410000	BLZ 5.08/12 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 12, 180°, Box

1528210000	BLZ 5.08/20 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 20, 180°, Box
1528610000	BLZ 5.08/24 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 24, 180°, Box
1528260000	BLZ 5.08/20 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 20, 180°, Box
1526660000	BLZ 5.08/4 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 4, 180°, Box
1528660000	BLZ 5.08/24 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 24, 180°, Box
1526910000	BLZ 5.08/7 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 7, 180°, Box
1528560000	BLZ 5.08/23 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 23, 180°, Box
1527560000	BLZ 5.08/13 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 13, 180°, Box
1527010000	BLZ 5.08/8 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 8, 180°, Box
1528360000	BLZ 5.08/21 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 21, 180°, Box
1528160000	BLZ 5.08/19 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 19, 180°, Box
1527660000	BLZ 5.08/14 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 14, 180°, Box
1527060000	BLZ 5.08/8 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 8, 180°, Box
1526410000	BLZ 5.08/2 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 2, 180°, Box
1527910000	BLZ 5.08/17 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 17, 180°, Box
1527610000	BLZ 5.08/14 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 14, 180°, Box
1527810000	BLZ 5.08/16 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 16, 180°, Box

1527310000	BLZ 5.08/11 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 11, 180°, Box
1526710000	BLZ 5.08/5 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 5, 180°, Box
1528060000	BLZ 5.08/18 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number of poles: 18, 180°, Box
1526460000	BLZ 5.08/2 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, Number 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 mm ² , Pitch: 5.08 mm, Number of poles: 6, 180°, Box