



General ordering data

Order No.	1947920000
Part designation	BLZP 5.08/18/270LR SN SW
Version	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 18, 270°, Box
EAN	4032248624416
Qty.	20 pc(s).

System parameters

Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	270°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	18
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	86.36 mm
L1 in inch	3.4 inch
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data

Insulating material	PBT
Colour	black
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	>= 200
Contact base material	Copper alloy
Contact surface	tinned

Material data

Connectable conductors

Clamping range, min.	0.13 mm ²
Clamping range, max.	4 mm ²
AWG, min.	26
AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	4 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	4 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.2 mm ²
With wire end ferrule, acc. to DIN 46 228/1, max.	4 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 2.4 mm

DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	15.5 A
Rated current, max. No. pins (Tu=20°C)	13 A
Rated current, min. No. pins (Tu=40°C)	12 A
Rated current, max. No. pins (Tu=40°C)	10.5 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 C)	50 V
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 C)	50 V
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



Similar products

Order No.	Part designation	Version
1947530000	BLZP 5.08/02/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 2, 270°, Box
1947760000	BLZP 5.08/02/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 2, 270°, Box
1947540000	BLZP 5.08/03/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 3, 270°, Box
1947770000	BLZP 5.08/03/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 3, 270°, Box
1947550000	BLZP 5.08/04/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 4, 270°, Box
1947780000	BLZP 5.08/04/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 4, 270°, Box
1947560000	BLZP 5.08/05/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 5, 270°, Box
1947790000	BLZP 5.08/05/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 5, 270°, Box
1947570000	BLZP 5.08/06/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 6, 270°, Box
1947800000	BLZP 5.08/06/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 6, 270°, Box

1947580000	BLZP 5.08/07/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 7, 270°, Box
1947810000	BLZP 5.08/07/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 7, 270°, Box
1947590000	BLZP 5.08/08/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 8, 270°, Box
1947820000	BLZP 5.08/08/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 8, 270°, Box
1947600000	BLZP 5.08/09/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 9, 270°, Box
1947830000	BLZP 5.08/09/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 9, 270°, Box
1947610000	BLZP 5.08/10/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 10, 270°, Box
1947840000	BLZP 5.08/10/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 10, 270°, Box
1947620000	BLZP 5.08/11/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 11, 270°, Box
1947850000	BLZP 5.08/11/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 11, 270°, Box
1947630000	BLZP 5.08/12/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 12, 270°, Box
1947860000	BLZP 5.08/12/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 12, 270°, Box
1947640000	BLZP 5.08/13/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 13, 270°, Box
1947870000	BLZP 5.08/13/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 13, 270°, Box
1947650000	BLZP 5.08/14/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 14, 270°, Box
1947880000	BLZP 5.08/14/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 14, 270°, Box
1947660000	BLZP 5.08/15/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 15, 270°, Box

1947890000	BLZP 5.08/15/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 15, 270°, Box
1947670000	BLZP 5.08/16/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 16, 270°, Box
1947900000	BLZP 5.08/16/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 16, 270°, Box
1947680000	BLZP 5.08/17/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 17, 270°, Box
1947910000	BLZP 5.08/17/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 17, 270°, Box
1947690000	BLZP 5.08/18/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 18, 270°, Box
1947700000	BLZP 5.08/19/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 19, 270°, Box
1947930000	BLZP 5.08/19/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 19, 270°, Box
1947710000	BLZP 5.08/20/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 20, 270°, Box
1947940000	BLZP 5.08/20/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 20, 270°, Box
1947720000	BLZP 5.08/21/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 21, 270°, Box
1947950000	BLZP 5.08/21/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 21, 270°, Box
1947730000	BLZP 5.08/22/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 22, 270°, Box
1947960000	BLZP 5.08/22/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 22, 270°, Box
1947740000	BLZP 5.08/23/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 23, 270°, Box
1947970000	BLZP 5.08/23/270LR SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 23, 270°, Box
1947750000	BLZP 5.08/24/270LR SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 24, 270°, Box

1947980000 BLZP 5.08/24/270LR SN SW

PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 24, 270°, Box