



General ordering data

Order No.	1954430000
Part designation	BLZP 5.00/08 SN OR
Version	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 8, 180°, Box
EAN	4032248633142
Qty.	45 pc(s).

System parameters

Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	8
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	35 mm
L1 in inch	1.378 inch
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data

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

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)	19 A
Rated current, max. No. pins (Tu=20°C)	15.5 A
Rated current, min. No. pins (Tu=40°C)	16 A
Rated current, max. No. pins (Tu=40°C)	13 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
1954490000	BLZP 5.00/02 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1955570000	BLZP 5.00/02 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1954480000	BLZP 5.00/03 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 3, 180°, Box
1955560000	BLZP 5.00/03 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 3, 180°, Box
1954470000	BLZP 5.00/04 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1955550000	BLZP 5.00/04 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1954460000	BLZP 5.00/05 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 5, 180°, Box
1955540000	BLZP 5.00/05 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 5, 180°, Box
1954450000	BLZP 5.00/06 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1955530000	BLZP 5.00/06 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1954440000	BLZP 5.00/07 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 7, 180°, Box
1955520000	BLZP 5.00/07 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 7, 180°, Box
1955510000	BLZP 5.00/08 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 8, 180°, Box

1954420000	BLZP 5.00/09 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1955500000	BLZP 5.00/09 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1954410000	BLZP 5.00/10 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1955490000	BLZP 5.00/10 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1954400000	BLZP 5.00/11 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 11, 180°, Box
1955480000	BLZP 5.00/11 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 11, 180°, Box
1954390000	BLZP 5.00/12 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1955470000	BLZP 5.00/12 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1954380000	BLZP 5.00/13 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 13, 180°, Box
1955460000	BLZP 5.00/13 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 13, 180°, Box
1954370000	BLZP 5.00/14 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1955450000	BLZP 5.00/14 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1954360000	BLZP 5.00/15 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 15, 180°, Box
1955440000	BLZP 5.00/15 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 15, 180°, Box
1954350000	BLZP 5.00/16 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1955430000	BLZP 5.00/16 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1954330000	BLZP 5.00/17 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 17, 180°, Box

1955420000	BLZP 5.00/17 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 17, 180°, Box
1954320000	BLZP 5.00/18 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1955410000	BLZP 5.00/18 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1954310000	BLZP 5.00/19 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 19, 180°, Box
1955400000	BLZP 5.00/19 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 19, 180°, Box
1954300000	BLZP 5.00/20 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1955390000	BLZP 5.00/20 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1954290000	BLZP 5.00/21 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 21, 180°, Box
1955380000	BLZP 5.00/21 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 21, 180°, Box
1954280000	BLZP 5.00/22 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1955370000	BLZP 5.00/22 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1954270000	BLZP 5.00/23 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 23, 180°, Box
1955360000	BLZP 5.00/23 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 23, 180°, Box
1954260000	BLZP 5.00/24 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1955350000	BLZP 5.00/24 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.00 mm, No. of poles: 24, 180°, Box