



General ordering data

Order No.	1956150000
Part designation	BLZP 5.00/24LR 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: 24, 180°, Box
EAN	4032248634828
Qty.	18 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	24
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	115 mm
L1 in inch	4.528 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

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)	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
1956370000	BLZP 5.00/02LR 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
1956600000	BLZP 5.00/02LR 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
1956360000	BLZP 5.00/03LR 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
1956590000	BLZP 5.00/03LR 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
1956350000	BLZP 5.00/04LR 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
1956580000	BLZP 5.00/04LR 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
1956340000	BLZP 5.00/05LR 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
1956570000	BLZP 5.00/05LR 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
1956330000	BLZP 5.00/06LR 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
1956560000	BLZP 5.00/06LR 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
1956320000	BLZP 5.00/07LR 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
1956550000	BLZP 5.00/07LR 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
1956310000	BLZP 5.00/08LR SN OR	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

1956540000	BLZP 5.00/08LR 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
1956300000	BLZP 5.00/09LR 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
1956530000	BLZP 5.00/09LR 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
1956290000	BLZP 5.00/10LR 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
1956520000	BLZP 5.00/10LR 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
1956280000	BLZP 5.00/11LR 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
1956510000	BLZP 5.00/11LR 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
1956270000	BLZP 5.00/12LR 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
1956500000	BLZP 5.00/12LR 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
1956260000	BLZP 5.00/13LR 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
1956490000	BLZP 5.00/13LR 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
1956250000	BLZP 5.00/14LR 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
1956480000	BLZP 5.00/14LR 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
1956240000	BLZP 5.00/15LR 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
1956470000	BLZP 5.00/15LR 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
1956230000	BLZP 5.00/16LR 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
1956460000	BLZP 5.00/16LR 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

1956220000	BLZP 5.00/17LR 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
1956450000	BLZP 5.00/17LR 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
1956210000	BLZP 5.00/18LR 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
1956440000	BLZP 5.00/18LR 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
1956200000	BLZP 5.00/19LR 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
1956430000	BLZP 5.00/19LR 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
1956190000	BLZP 5.00/20LR 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
1956420000	BLZP 5.00/20LR 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
1956180000	BLZP 5.00/21LR 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
1956410000	BLZP 5.00/21LR 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
1956170000	BLZP 5.00/22LR 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
1956400000	BLZP 5.00/22LR 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
1956160000	BLZP 5.00/23LR 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
1956390000	BLZP 5.00/23LR 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
1956380000	BLZP 5.00/24LR 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