



General ordering data

Order No.	1955890000
Part designation	BLZP 5.00/16F SN SW
Version	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
EAN	4032248634453
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	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	75 mm
L1 in inch	2.953 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)	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
1955800000	BLZP 5.00/02F 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
1956030000	BLZP 5.00/02F 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
1955790000	BLZP 5.00/03F 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
1956020000	BLZP 5.00/03F 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
1955780000	BLZP 5.00/04F 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
1956010000	BLZP 5.00/04F 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
1955770000	BLZP 5.00/05F 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
1956000000	BLZP 5.00/05F 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
1955760000	BLZP 5.00/06F 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
1955990000	BLZP 5.00/06F 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
1955750000	BLZP 5.00/07F 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
1955980000	BLZP 5.00/07F 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
1955740000	BLZP 5.00/08F 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

1955970000	BLZP 5.00/08F 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
1955730000	BLZP 5.00/09F 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
1955960000	BLZP 5.00/09F 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
1955720000	BLZP 5.00/10F 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
1955950000	BLZP 5.00/10F 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
1955710000	BLZP 5.00/11F 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
1955940000	BLZP 5.00/11F 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
1955700000	BLZP 5.00/12F 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
1955930000	BLZP 5.00/12F 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
1955690000	BLZP 5.00/13F 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
1955920000	BLZP 5.00/13F 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
1955680000	BLZP 5.00/14F 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
1955910000	BLZP 5.00/14F 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
1955670000	BLZP 5.00/15F 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
1955900000	BLZP 5.00/15F 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
1955660000	BLZP 5.00/16F 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
1955650000	BLZP 5.00/17F 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

1955880000	BLZP 5.00/17F 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
1955640000	BLZP 5.00/18F 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
1955870000	BLZP 5.00/18F 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
1955630000	BLZP 5.00/19F 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
1955860000	BLZP 5.00/19F 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
1955620000	BLZP 5.00/20F 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
1955850000	BLZP 5.00/20F 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
1955610000	BLZP 5.00/21F 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
1955840000	BLZP 5.00/21F 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
1955600000	BLZP 5.00/22F 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
1955830000	BLZP 5.00/22F 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
1955590000	BLZP 5.00/23F 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
1955820000	BLZP 5.00/23F 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
1955580000	BLZP 5.00/24F 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
1955810000	BLZP 5.00/24F 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