



General ordering data

Order No.	1955600000
Part designation	BLZP 5.00/22F 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: 22, 180°, Box
EAN	4032248634132
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	22
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	105 mm
L1 in inch	4.134 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
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
1955890000	BLZP 5.00/16F 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

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
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