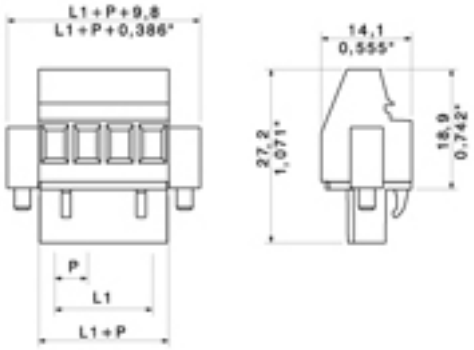




General ordering data	
Order No.	1959750000
Part designation	BLZP 5.00/02/90F SN SW
Version	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 2, 90°, Box
EAN	4032248638680
Qty.	100 pc(s).

System parameters	
Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	90°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	2
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	5 mm
L1 in inch	0.197 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

Connectable conductors	
Clamping range, min.	0.13 mm²
Clamping range, max.	4 mm²
AWG, min.	26
AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm²
Solid, max. H05(07) V-U	4 mm²
Flexible, min. H05(07) V-K	0.2 mm²
Flexible, max. H05(07) V-K	4 mm²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.2 mm²
With wire end ferrule, acc. to DIN 46 228/1, max.	4 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm²
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm²
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
1959520000	BLZP 5.00/02/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 2, 90°, Box
1959510000	BLZP 5.00/03/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 3, 90°, Box
1959740000	BLZP 5.00/03/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 3, 90°, Box
1959500000	BLZP 5.00/04/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 4, 90°, Box
1959730000	BLZP 5.00/04/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 4, 90°, Box
1959490000	BLZP 5.00/05/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 5, 90°, Box
1959720000	BLZP 5.00/05/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 5, 90°, Box
1959480000	BLZP 5.00/06/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 6, 90°, Box
1959710000	BLZP 5.00/06/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 6, 90°, Box
1959470000	BLZP 5.00/07/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 7, 90°, Box
1959700000	BLZP 5.00/07/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 7, 90°, Box
1959460000	BLZP 5.00/08/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 8, 90°, Box
1959690000	BLZP 5.00/08/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 8, 90°, Box

1959440000	BLZP 5.00/09/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 9, 90°, Box
1959680000	BLZP 5.00/09/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 9, 90°, Box
1959430000	BLZP 5.00/10/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 10, 90°, Box
1959670000	BLZP 5.00/10/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 10, 90°, Box
1959390000	BLZP 5.00/11/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 11, 90°, Box
1959660000	BLZP 5.00/11/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 11, 90°, Box
1959370000	BLZP 5.00/12/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 12, 90°, Box
1959650000	BLZP 5.00/12/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 12, 90°, Box
1959360000	BLZP 5.00/13/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 13, 90°, Box
1959640000	BLZP 5.00/13/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 13, 90°, Box
1959350000	BLZP 5.00/14/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 14, 90°, Box
1959630000	BLZP 5.00/14/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 14, 90°, Box
1959340000	BLZP 5.00/15/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 15, 90°, Box
1959620000	BLZP 5.00/15/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 15, 90°, Box
1959330000	BLZP 5.00/16/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 16, 90°, Box
1959610000	BLZP 5.00/16/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 16, 90°, Box
1959320000	BLZP 5.00/17/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 17, 90°, Box

1959600000	BLZP 5.00/17/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 17, 90°, Box
1959300000	BLZP 5.00/18/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 18, 90°, Box
1959590000	BLZP 5.00/18/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 18, 90°, Box
1959290000	BLZP 5.00/19/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 19, 90°, Box
1959580000	BLZP 5.00/19/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 19, 90°, Box
1959270000	BLZP 5.00/20/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 20, 90°, Box
1959570000	BLZP 5.00/20/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 20, 90°, Box
1959250000	BLZP 5.00/21/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 21, 90°, Box
1959560000	BLZP 5.00/21/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 21, 90°, Box
1959240000	BLZP 5.00/22/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 22, 90°, Box
1959550000	BLZP 5.00/22/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 22, 90°, Box
1959220000	BLZP 5.00/23/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 23, 90°, Box
1959540000	BLZP 5.00/23/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 23, 90°, Box
1959200000	BLZP 5.00/24/90F SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 24, 90°, Box
1959530000	BLZP 5.00/24/90F SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.00 mm, No. of poles: 24, 90°, Box