



General ordering data

Order No.	1000570001
Part designation	BLF5.08/18/90LR SN SW
Version	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 18, 90°, Box
EAN	4032248690534
Qty.	20 pc(s).

System parameters

Conductor connection system	Push In
Outgoing direction of conductor	90°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	18
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Stripping length	10 mm
L1 in mm	86.36 mm
L1 in inch	3.4 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data

Insulating material	PBT
Colour	black
Flammability class UL 94	V-0
Contact base material	CuSn
Contact surface	tinned

Connectable conductors

Clamping range, min.	0.13 mm ²
Clamping range, max.	3.31 mm ²
AWG, min.	26

Connectable conductors

AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²
Stranded, min. H07V-R	0 mm ²
Stranded, max. H07V-R	2 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	2.5 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.	2.5 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	2.4 mm x 1.5 mm;

DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	18.5 A
Rated current, max. No. pins (Tu=20°C)	6 A
Rated current, min. No. pins (Tu=40°C)	12.5 A
Rated current, max. No. pins (Tu=40°C)	6 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

Approvals

Approvals institutes



Similar products

Order No.	Part designation	Version
1002280000	BLF5.08/02/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 2, 90°, Box
1000410001	BLF5.08/02/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 2, 90°, Box
1002290000	BLF5.08/03/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 3, 90°, Box
1000420001	BLF5.08/03/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 3, 90°, Box
1002300000	BLF5.08/04/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 4, 90°, Box
1000430001	BLF5.08/04/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 4, 90°, Box
1002310000	BLF5.08/05/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 5, 90°, Box
1000440001	BLF5.08/05/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 5, 90°, Box
1002320000	BLF5.08/06/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 6, 90°, Box
1000450001	BLF5.08/06/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 6, 90°, Box
1002330000	BLF5.08/07/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 7, 90°, Box
1000460001	BLF5.08/07/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 7, 90°, Box
1002340000	BLF5.08/08/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 8, 90°, Box
1000470001	BLF5.08/08/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 8, 90°, Box
1002350000	BLF5.08/09/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 9, 90°, Box
1000480001	BLF5.08/09/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 9, 90°, Box
1002360000	BLF5.08/10/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 10, 90°, Box
1000490001	BLF5.08/10/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 10, 90°, Box
1002370000	BLF5.08/11/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 11, 90°, Box
1000500001	BLF5.08/11/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 11, 90°, Box
1002380000	BLF5.08/12/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 12, 90°, Box
1000510001	BLF5.08/12/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 12, 90°, Box
1002390000	BLF5.08/13/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 13, 90°, Box
1000520001	BLF5.08/13/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 13, 90°, Box
1002400000	BLF5.08/14/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 14, 90°, Box

1000530001	BLF5.08/14/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 14, 90°, Box
1002410000	BLF5.08/15/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 15, 90°, Box
1000540001	BLF5.08/15/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 15, 90°, Box
1002420000	BLF5.08/16/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 16, 90°, Box
1000550001	BLF5.08/16/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 16, 90°, Box
1002430000	BLF5.08/17/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 17, 90°, Box
1000560001	BLF5.08/17/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 17, 90°, Box
1002440000	BLF5.08/18/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 18, 90°, Box
1000580001	BLF5.08/19/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 19, 90°, Box
1002450000	BLF5.08/19/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 19, 90°, Box
1000590001	BLF5.08/20/90LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 20, 90°, Box
1002460000	BLF5.08/20/90LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 20, 90°, Box