



General ordering data

Order No.	1016510000
Part designation	BLF5.00/17/180LR SN OR
Version	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 17, 180°, Box
EAN	4032248725632
Qty.	20 pc(s).

System parameters

Conductor connection system	Push In
Outgoing direction of conductor	180°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	17
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Stripping length	10 mm
L1 in mm	80 mm
L1 in inch	3.152 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	orange
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

Similar products

Order No.	Part designation	Version
1016340000	BLF5.00/02/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1016140000	BLF5.00/02/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1016350000	BLF5.00/03/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 3, 180°, Box
1016150000	BLF5.00/03/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 3, 180°, Box
1016360000	BLF5.00/04/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1016170000	BLF5.00/04/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1016370000	BLF5.00/05/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 5, 180°, Box

1016180000	BLF5.00/05/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 5, 180°, Box
1016380000	BLF5.00/06/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1016190000	BLF5.00/06/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1016390000	BLF5.00/07/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 7, 180°, Box
1016210000	BLF5.00/07/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 7, 180°, Box
1016410000	BLF5.00/08/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1016220000	BLF5.00/08/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1016420000	BLF5.00/09/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1016230000	BLF5.00/09/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1016430000	BLF5.00/10/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1016240000	BLF5.00/10/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1016440000	BLF5.00/11/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 11, 180°, Box
1016250000	BLF5.00/11/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 11, 180°, Box
1016450000	BLF5.00/12/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1016260000	BLF5.00/12/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1016460000	BLF5.00/13/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 13, 180°, Box
1016270000	BLF5.00/13/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 13, 180°, Box
1016470000	BLF5.00/14/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1016280000	BLF5.00/14/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1016480000	BLF5.00/15/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 15, 180°, Box
1016290000	BLF5.00/15/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 15, 180°, Box
1016490000	BLF5.00/16/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1016310000	BLF5.00/16/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1016320000	BLF5.00/17/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 17, 180°, Box
1016520000	BLF5.00/18/180LR SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1016330000	BLF5.00/18/180LR SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 18, 180°, Box