



General ordering data

Order No.	1017670000
Part designation	BLF5.00/02/180 SN SW
Version	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
EAN	4032248728848
Qty.	100 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	2
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Stripping length	10 mm
L1 in mm	5 mm
L1 in inch	0.197 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

Similar products

Order No.	Part designation	Version
1017860000	BLF5.00/02/180 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
1017870000	BLF5.00/03/180 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
1017680000	BLF5.00/03/180 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
1017880000	BLF5.00/04/180 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
1017690000	BLF5.00/04/180 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
1017890000	BLF5.00/05/180 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
1017710000	BLF5.00/05/180 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

1017910000	BLF5.00/06/180 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
1017720000	BLF5.00/06/180 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
1017920000	BLF5.00/07/180 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
1017730000	BLF5.00/07/180 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
1017930000	BLF5.00/08/180 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
1017740000	BLF5.00/08/180 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
1017950000	BLF5.00/09/180 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
1017750000	BLF5.00/09/180 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
1017960000	BLF5.00/10/180 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
1017760000	BLF5.00/10/180 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
1017970000	BLF5.00/11/180 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
1017770000	BLF5.00/11/180 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
1017980000	BLF5.00/12/180 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
1017780000	BLF5.00/12/180 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
1017990000	BLF5.00/13/180 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
1017790000	BLF5.00/13/180 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
1018010000	BLF5.00/14/180 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
1017810000	BLF5.00/14/180 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
1018020000	BLF5.00/15/180 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
1017820000	BLF5.00/15/180 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
1018030000	BLF5.00/16/180 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
1017830000	BLF5.00/16/180 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
1018040000	BLF5.00/17/180 SN OR	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
1017840000	BLF5.00/17/180 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
1018050000	BLF5.00/18/180 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
1017850000	BLF5.00/18/180 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