



General ordering data

Order No.	1013760000
Part designation	BLF5.08/09/180 SN OR
Version	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 9, 180°, Box
EAN	4032248721870
Qty.	50 pc(s).

System parameters

Conductor connection system	Push In
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	9
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Stripping length	10 mm
L1 in mm	40.64 mm
L1 in inch	1.6 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
1013680000	BLF5.08/02/180 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, 180°, Box
1013430000	BLF5.08/02/180 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, 180°, Box
1013690000	BLF5.08/03/180 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, 180°, Box
1013440000	BLF5.08/03/180 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, 180°, Box
1013710000	BLF5.08/04/180 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, 180°, Box
1013450000	BLF5.08/04/180 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, 180°, Box
1013720000	BLF5.08/05/180 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, 180°, Box

1013460000	BLF5.08/05/180 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, 180°, Box
1013730000	BLF5.08/06/180 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, 180°, Box
1013470000	BLF5.08/06/180 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, 180°, Box
1013740000	BLF5.08/07/180 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, 180°, Box
1013480000	BLF5.08/07/180 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, 180°, Box
1013750000	BLF5.08/08/180 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, 180°, Box
1013490000	BLF5.08/08/180 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, 180°, Box
1013510000	BLF5.08/09/180 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, 180°, Box
1013770000	BLF5.08/10/180 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, 180°, Box
1013520000	BLF5.08/10/180 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, 180°, Box
1013780000	BLF5.08/11/180 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, 180°, Box
1013530000	BLF5.08/11/180 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, 180°, Box
1013790000	BLF5.08/12/180 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, 180°, Box
1013540000	BLF5.08/12/180 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, 180°, Box
1013810000	BLF5.08/13/180 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, 180°, Box
1013550000	BLF5.08/13/180 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, 180°, Box
1013820000	BLF5.08/14/180 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, 180°, Box
1013560000	BLF5.08/14/180 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, 180°, Box
1013830000	BLF5.08/15/180 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, 180°, Box
1013570000	BLF5.08/15/180 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, 180°, Box
1013840000	BLF5.08/16/180 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, 180°, Box
1013580000	BLF5.08/16/180 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, 180°, Box
1013850000	BLF5.08/17/180 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, 180°, Box
1013590000	BLF5.08/17/180 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, 180°, Box
1013860000	BLF5.08/18/180 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, 180°, Box
1013610000	BLF5.08/18/180 SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 18, 180°, Box

1013870000	BLF5.08/19/180 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, 180°, Box
1013620000	BLF5.08/19/180 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, 180°, Box
1013880000	BLF5.08/20/180 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, 180°, Box
1013630000	BLF5.08/20/180 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, 180°, Box
1013890000	BLF5.08/21/180 SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1013640000	BLF5.08/21/180 SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1013910000	BLF5.08/22/180 SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1013650000	BLF5.08/22/180 SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1013920000	BLF5.08/23/180 SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1013660000	BLF5.08/23/180 SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1013930000	BLF5.08/24/180 SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 24, 180°, Box
1013670000	BLF5.08/24/180 SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 24, 180°, Box