



General ordering data

Order No.	1000060001
Part designation	BLF5.08/05/90 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: 5, 90°, Box
EAN	4032248689996
Qty.	50 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	5
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Stripping length	10 mm
L1 in mm	20.32 mm
L1 in inch	0.8 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
1001530000	BLF5.08/02/90 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
1000030001	BLF5.08/02/90 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
1001540000	BLF5.08/03/90 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
1000040001	BLF5.08/03/90 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
1001550000	BLF5.08/04/90 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
1000050001	BLF5.08/04/90 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
1001560000	BLF5.08/05/90 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
1001570000	BLF5.08/06/90 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
1000070001	BLF5.08/06/90 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
1001580000	BLF5.08/07/90 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
1000080001	BLF5.08/07/90 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
1001590000	BLF5.08/08/90 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
1000090001	BLF5.08/08/90 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
1001600000	BLF5.08/09/90 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
1000100001	BLF5.08/09/90 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
1001610000	BLF5.08/10/90 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
1000110001	BLF5.08/10/90 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
1001620000	BLF5.08/11/90 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
1000120001	BLF5.08/11/90 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
1001630000	BLF5.08/12/90 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
1000130001	BLF5.08/12/90 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
1001640000	BLF5.08/13/90 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
1000140001	BLF5.08/13/90 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
1001650000	BLF5.08/14/90 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
1000150001	BLF5.08/14/90 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

1001660000	BLF5.08/15/90 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
1000160001	BLF5.08/15/90 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
1001670000	BLF5.08/16/90 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
1000170001	BLF5.08/16/90 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
1001680000	BLF5.08/17/90 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
1000180001	BLF5.08/17/90 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
1001690000	BLF5.08/18/90 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
1000190001	BLF5.08/18/90 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, 90°, Box
1001700000	BLF5.08/19/90 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
1000200001	BLF5.08/19/90 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
1001710000	BLF5.08/20/90 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
1000210001	BLF5.08/20/90 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