



#### General ordering data

Order No.	1013140000
Part designation	BLF5.08/07/180F SN OR
Version	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
EAN	4032248720897
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	7
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Stripping length	10 mm
L1 in mm	30.48 mm
L1 in inch	1.2 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 <sup>2</sup>
Clamping range, max.	3.31 mm <sup>2</sup>
AWG, min.	26

#### Connectable conductors

AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Stranded, min. H07V-R	0 mm <sup>2</sup>
Stranded, max. H07V-R	2 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, min.	0.2 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, max.	2.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm <sup>2</sup>
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
1013070000	BLF5.08/02/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1012640000	BLF5.08/02/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1013090000	BLF5.08/03/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1012650000	BLF5.08/03/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1013110000	BLF5.08/04/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1012660000	BLF5.08/04/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1013120000	BLF5.08/05/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 180°, Box

1012670000	BLF5.08/05/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1013130000	BLF5.08/06/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1012680000	BLF5.08/06/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1012690000	BLF5.08/07/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1013150000	BLF5.08/08/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1012710000	BLF5.08/08/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1013160000	BLF5.08/09/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1012720000	BLF5.08/09/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1013170000	BLF5.08/10/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1012730000	BLF5.08/10/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1013180000	BLF5.08/11/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1012740000	BLF5.08/11/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1013190000	BLF5.08/12/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1012750000	BLF5.08/12/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1013210000	BLF5.08/13/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1012940000	BLF5.08/13/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1013220000	BLF5.08/14/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1012950000	BLF5.08/14/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1013230000	BLF5.08/15/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1012960000	BLF5.08/15/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1013240000	BLF5.08/16/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1012970000	BLF5.08/16/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1013250000	BLF5.08/17/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1012980000	BLF5.08/17/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1013260000	BLF5.08/18/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1012990000	BLF5.08/18/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 18, 180°, Box

1013270000	BLF5.08/19/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1013010000	BLF5.08/19/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1013280000	BLF5.08/20/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1013020000	BLF5.08/20/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1013290000	BLF5.08/21/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1013030000	BLF5.08/21/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1013310000	BLF5.08/22/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1013040000	BLF5.08/22/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1013320000	BLF5.08/23/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1013050000	BLF5.08/23/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1013330000	BLF5.08/24/180F SN OR	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 24, 180°, Box
1013060000	BLF5.08/24/180F SN SW	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 24, 180°, Box