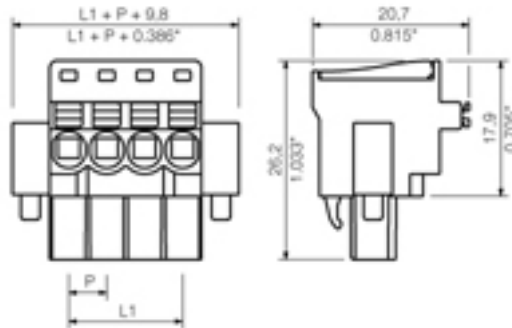




General ordering data

Order No.	1982220000
Part designation	BLF5.08/12/270F 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: 12, 270°, Box
EAN	4032248686315
Qty.	50 pc(s).

System parameters

Conductor connection system	Push In
Outgoing direction of conductor	270°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	12
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Stripping length	10 mm
L1 in mm	55.88 mm
L1 in inch	2.2 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	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
1982890000	BLF5.08/02/270F 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, 270°, Box
1982120000	BLF5.08/02/270F 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, 270°, Box
1982900000	BLF5.08/03/270F 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, 270°, Box
1982130000	BLF5.08/03/270F 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, 270°, Box
1982910000	BLF5.08/04/270F 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, 270°, Box
1982140000	BLF5.08/04/270F 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, 270°, Box
1982920000	BLF5.08/05/270F 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, 270°, Box
1982150000	BLF5.08/05/270F 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, 270°, Box
1982930000	BLF5.08/06/270F 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, 270°, Box
1982160000	BLF5.08/06/270F 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, 270°, Box
1982940000	BLF5.08/07/270F 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, 270°, Box
1982170000	BLF5.08/07/270F 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, 270°, Box
1982950000	BLF5.08/08/270F 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, 270°, Box
1982180000	BLF5.08/08/270F 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, 270°, Box
1982960000	BLF5.08/09/270F 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, 270°, Box
1982190000	BLF5.08/09/270F 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, 270°, Box
1982970000	BLF5.08/10/270F 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, 270°, Box
1982200000	BLF5.08/10/270F 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, 270°, Box
1982980000	BLF5.08/11/270F 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, 270°, Box
1982210000	BLF5.08/11/270F 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, 270°, Box
1982990000	BLF5.08/12/270F 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, 270°, Box
1983000000	BLF5.08/13/270F 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, 270°, Box
1982230000	BLF5.08/13/270F 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, 270°, Box
1983010000	BLF5.08/14/270F 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, 270°, Box
1982240000	BLF5.08/14/270F 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, 270°, Box

1983020000	BLF5.08/15/270F 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, 270°, Box
1982250000	BLF5.08/15/270F 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, 270°, Box
1983030000	BLF5.08/16/270F 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, 270°, Box
1982260000	BLF5.08/16/270F 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, 270°, Box
1983040000	BLF5.08/17/270F 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, 270°, Box
1982270000	BLF5.08/17/270F 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, 270°, Box
1983050000	BLF5.08/18/270F 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, 270°, Box
1982280000	BLF5.08/18/270F 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, 270°, Box
1983060000	BLF5.08/19/270F 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, 270°, Box
1982290000	BLF5.08/19/270F 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, 270°, Box
1983070000	BLF5.08/20/270F 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, 270°, Box
1982300000	BLF5.08/20/270F 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, 270°, Box