

## Excellent Integrated System Limited

Stocking Distributor

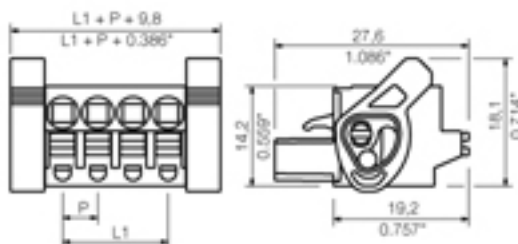
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Weidmüller](#)  
[1015720000](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 5.00 / 5.08 mm (0.197 / 0.200 inch) | Female PUSH IN socket block with spring connection in 5.00/5.08 pitch | BLF 5.00-5.08/180 | BLF 5.00/180LH SN


**General ordering data**

Order No.	1015720000
Part designation	BLF 5.00/02/180LH SN OR BX
Version	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 2, 180°, Box
EAN	4032248724987
Qty.	90 pc(s).
Packaging	Box

**System parameters**

Conductor connection system	PUSH IN
Outgoing direction of conductor	180°
Pitch in mm	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 57 106	Safe from finger touch

**Material data**

Insulating material	PBT
Colour	Orange
colour chart	Similar to RAL 2000
Flammability class UL 94	V-0
Contact material	CuSn
Contact surface	tinned
Contact base material	CuSn

Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 5.00 / 5.08 mm (0.197 / 0.200 inch) | Female PUSH IN socket block with spring connection in 5.00/5.08 pitch | BLF 5.00-5.08/180 | BLF 5.00/180LH SN

**Connectable conductors**

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	3.31 mm <sup>2</sup>
Conductor connection cross-section AWG, min.	AWG 26
Conductor connection cross-section AWG, max.	AWG 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, max. H07V-R	2 mm <sup>2</sup>
Stranded, min. H07V-R	0 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>
w. wire end ferrule, DIN 46228 pt 1, min	0.2 mm <sup>2</sup>
with wire end ferrule, DIN 46228 pt 1, max.	2.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm <sup>2</sup>
with 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. of poles (Tu=20°C)	18.5 A
Rated current, max. No. of poles (Tu=20°C)	6 A
Rated current, no. of poles (Tu=40°C), min.	12.5 A
Rated current, no. of poles (Tu=40°C), max.	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 at overvoltage category/pollution degree 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

**CSA rating data**

Rated voltage (Use group B)	300 V
Rated current (use group B)	10 A

**UL 1059 rating data**

Rated voltage (use group B)	300 V
Rated current (use group B)	10 A

**Approvals**

Approvals institutes	CSA; CURUS
----------------------	------------

**Classifications**

eClass 6.0	27-26-07-08
------------	-------------

**Notes**

Notes

## Notes

**Similar products**

Order No.	Part designation	Version
1015530000	BLF 5.00/02/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 2, 180°, Box
1015540000	BLF 5.00/03/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 3, 180°, Box
1015730000	BLF 5.00/03/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 3, 180°, Box
1015550000	BLF 5.00/04/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 4, 180°, Box
1015740000	BLF 5.00/04/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 4, 180°, Box
1015570000	BLF 5.00/05/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 5, 180°, Box
1015750000	BLF 5.00/05/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 5, 180°, Box
1015580000	BLF 5.00/06/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 6, 180°, Box
1015770000	BLF 5.00/06/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 6, 180°, Box
1015590000	BLF 5.00/07/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 7, 180°, Box
1015780000	BLF 5.00/07/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 7, 180°, Box
1015600000	BLF 5.00/08/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 8, 180°, Box
1015790000	BLF 5.00/08/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 8, 180°, Box
1015610000	BLF 5.00/09/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 9, 180°, Box
1015810000	BLF 5.00/09/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 9, 180°, Box
1015620000	BLF 5.00/10/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 10, 180°, Box
1015820000	BLF 5.00/10/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 10, 180°, Box
1015630000	BLF 5.00/11/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 11, 180°, Box
1015830000	BLF 5.00/11/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 11, 180°, Box
1015640000	BLF 5.00/12/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 12, 180°, Box
1015840000	BLF 5.00/12/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 12, 180°, Box
1015650000	BLF 5.00/13/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 13, 180°, Box

Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 5.00 / 5.08 mm (0.197 / 0.200 inch) | Female PUSH IN socket block with spring connection in 5.00/5.08 pitch | BLF 5.00-5.08/180 | BLF 5.00/180LH SN

1015850000	BLF 5.00/13/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 13, 180°, Box
1015670000	BLF 5.00/14/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 14, 180°, Box
1015880000	BLF 5.00/14/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 14, 180°, Box
1015680000	BLF 5.00/15/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 15, 180°, Box
1015890000	BLF 5.00/15/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 15, 180°, Box
1015690000	BLF 5.00/16/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 16, 180°, Box
1015910000	BLF 5.00/16/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 16, 180°, Box
1015700000	BLF 5.00/17/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 17, 180°, Box
1015920000	BLF 5.00/17/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 17, 180°, Box
1015710000	BLF 5.00/18/180LH SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 18, 180°, Box
1015930000	BLF 5.00/18/180LH SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 18, 180°, Box