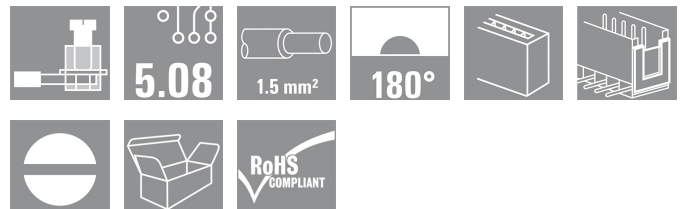


BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

Weidmüller Interface GmbH & Co. KG
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 www.weidmueller.com



Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

Order No.	1627280000
Type	SLS 5.08/06/180B SN OR BX
Version	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
GTIN (EAN)	4008190199791
Qty.	50 pc(s).
Product data	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12
Packaging	Box

Creation date July 6, 2012 8:49:55 AM CEST

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Technical data
Dimensions

Net weight 8.93 g

System parameters

Product family	BL/SL 5.08 series	Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	6
Number of rows	1	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm	Clamping screw	M 2.5
Stripping length	7 mm	L1 in mm	25.4 mm
L1 in inches	1 inch	Touch-safe protection acc. to DIN VDE 57 106	Finger-safe plugged/ back-of-hand-safe unplugged

Material data

Insulating material	PBT	Colour	Orange
Colour chart	Similar to RAL 2000	Flammability class UL 94	V-0
CTI	≥ 200	Contact material	CuSn
Contact surface	tinned	Continuous operating temp., min.	-25 °C
Continuous operating temp., max.	100 °C		

Connectable conductors

Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	3.31 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	2.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	w. wire end ferrule, DIN 46228 pt 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
Plug gauge acc. to EN 60999 a x b; Ø	2.8 mm x 2.0 mm; 2.4 mm		

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	21.5 A	Rated current, max. no. of poles (Tu=20°C)	16 A
Rated current, number of poles (Tu=40°C), min	18 A	Rated current, number of poles (Tu=40°C), max.	14 A
Rated voltage for surge voltage class / pollution degree II/2	400 V	Rated voltage for surge voltage class / pollution degree III/2	320 V
Rated voltage for surge voltage class / pollution degree III/3	250 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	4 kV
Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV	Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV
Short-time withstand current resistance	3 x 1s with 120 A		

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Technical data
CSA rating data

Institute (CSA)



Rated voltage (Use group B)

300 V

Rated current (use group B) 15 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 12

UL 1059 rating data

Institute (UR)



Rated voltage (use group B)

300 V

Rated current (use group B) 15 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 12

Classifications

ETIM 3.0	EC001284	UNSPSC	30-21-18-10
eClass 4.1	27-26-07-01	eClass 5.1	27-26-07-04
eClass 6.0	27-26-07-04	eClass 7.0	27-44-04-02

Notes

Notes

- Additional colours on request
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Approvals

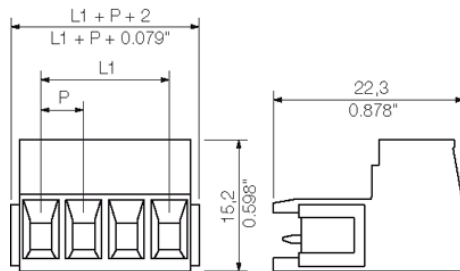
Approvals



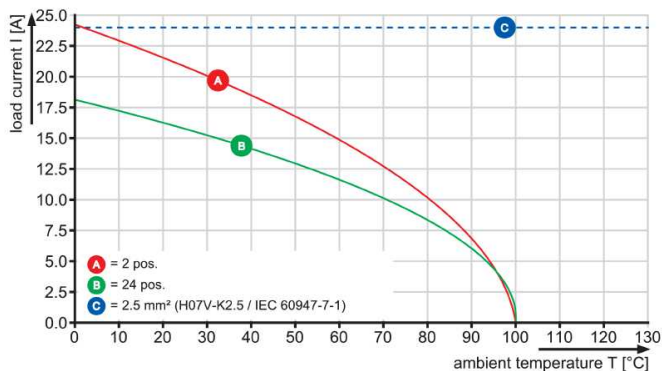
BL/SL 5.08 series SLS 5.08/06/180B SN OR BX

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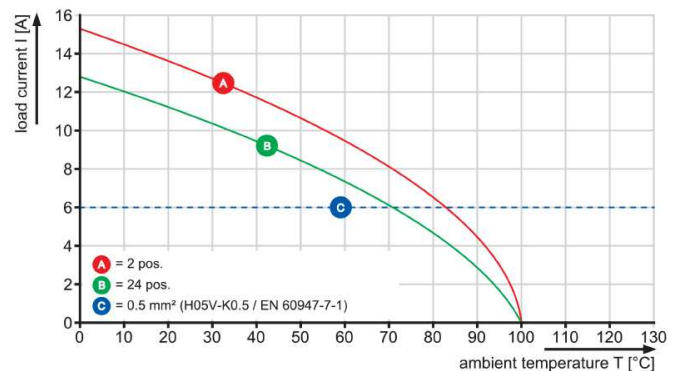
Drawings



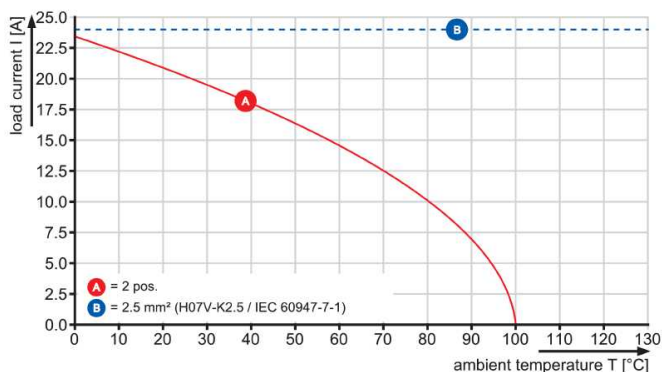
BLZP 5.08/..180 - SLS 5.08/..180



BLZP 5.08/..180 - SLS 5.08/..180



BLL 5.08/..180 - SLS 5.08/..180



BL/SL 5.08 series
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Mating connector (conditionally pluggable)
BLL 5.08/180


Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1630750000	BLL 5.08/06/180 3.2 SN OR BX	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190204174	60 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

BLZF 5.08/180F


Female plugs with tension-clamp wire connection system, straight 180° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1803370000	BLZF 5.08/06/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248258772	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1803600000	BLZF 5.08/06/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248259007	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)
BLZ 5.08/225


Female plugs with clamping-yoke screw for wire connection with 225° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1741680000	BLZ 5.08/06/225 SN OR BX	PCB plug-in connector, female plug, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190215682	60 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1741910000	BLZ 5.08/06/225 SN BK BX	PCB plug-in connector, female plug, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190255763	60 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLT 5.08LH


Female plugs with TOP screw connection for wire, with straight wire outlet and release lever mechanism. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1892530000	BLT 5.08/06/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248506576	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1890030000	BLT 5.08/06/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping	4032248498444	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

range, rated connection,
 max.: 2.5 mm², Box

BLF 5.08/90 SN


Just as reliable as the tried-and-tested original, with innovation in detail:
 the BLF 5.08 – the PUSH-IN version of the BLZ 5.08 female header – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate.

In terms of versatility, the BLF 5.08 offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, so you can design the interlock based on the requirements of the user.
- Use the BLF 5.08 and SL 5.08HC plug combination in order to reach the max. rated specifications.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1001570000	BLF 5.08HC/06/90 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248693375	60 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box
1000070001	BLF 5.08HC/06/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690008	60 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)
BLDT 5.08


Female plugs with two clamping-yoke screw connections per pole for wire connections with 90° and 270° outlet directions. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 14 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1660750000	BLDT 5.08/06/- SN BK BX	PCB plug-in connector, female plug, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190417208	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1644770000	BLDT 5.08/06/- SN OR BX	PCB plug-in connector, female plug, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190283988	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLF 5.08/90LH SN


Just as reliable as the tried-and-tested original, with innovation in detail: the BLF 5.08 – the PUSH-IN version of the BLZ 5.08 female header – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate.

In terms of versatility, the BLF 5.08 offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, so you can design the interlock based on the requirements of the user.
- Use the BLF 5.08 and SL 5.08HC plug combination in order to reach the max. rated specifications.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1002520000	BLF 5.08HC/06/90LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN, Clamping range, rated	4032248694891	42 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box

BL/SL 5.08 series SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

connection, max.: 3.31
mm², Box

1000680001	BLF 5.08HC/06/90LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690879 42 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box
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BLIDC 5.08



Female plugs with IDC wire connection system. The female plugs provide space for labelling and can be coded.

- 0.35 - 0.75 mm² (IEC) / 22 - 20 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 5 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1724980000	BLIDC 5.08/06/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, IDC connection, Clamping range, rated connection, max.: 0.75 mm ² , Box	4008190377328 50 pc(s).		IEC: 400 V / 11 A / 0.5 - 0.75 mm ² UL: 300 V / 5 A / AWG 22 - AWG 20	Box

BLT 5.08



Female plugs with TOP screw system for connecting wires with straight 180° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1499960000	BLT 5.08/06/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190140953 60 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1499910000	BLT 5.08/06/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP	4008190279363 60 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BL/SL 5.08 series
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Mating connector (conditionally pluggable)

connection, Clamping
 range, rated connection,
 max.: 2.5 mm², Box

BLZ 5.08/180F


Female plugs with clamping-yoke screw connection for wire, with straight wire outlet and screw flange. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1803080000	BLZ 5.08/06/180F SN BK BX	PCB plug-in connector, female plug, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248258185	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1802870000	BLZ 5.08/06/180F SN OR BX	PCB plug-in connector, female plug, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248257942	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLT 5.08F


Female plugs with TOP screw connection for wire, with straight wire outlet and screw flange. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1844260000	BLT 5.08/06/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248356195	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1844030000	BLT 5.08/06/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm,	4032248355952	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

No. of poles: 6, 180°, TOP
 connection, Clamping
 range, rated connection,
 max.: 2.5 mm², Box

BLZP 5.08/270 SN


Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1949060000	BLZP 5.08/06/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248626519	60 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1948830000	BLZP 5.08/06/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248626281	60 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BLZP 5.08/270LH SN


Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1947280000	BLZP 5.08/06/270LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248623242	42 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BL/SL 5.08 series
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Mating connector (conditionally pluggable)

1947050000 BLZP 5.08/06/270LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248622917 42 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
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BL 5.08


Female plugs with leaf-spring wire connection system.
 The female plugs provide space for labelling.

- 0.2 - 1.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1716510000	BL 5.08/06/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376581 50 pc(s).		IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1723870000	BL 5.08/06/180 SN DKGX BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376239 50 pc(s).		IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1716360000	BL 5.08/06/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376390 50 pc(s).		IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com

Mating connector (conditionally pluggable)
BLZF 5.08/270


Female plugs with tension-clamp wire connection system. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1672210000	BLZF 5.08/06/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433925	60 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1671980000	BLZF 5.08/06/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433697	60 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZP 5.08/180 SN


Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open clamping yoke.

- 0.2 - 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1943620000	BLZP 5.08/06/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248617616	45 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1943850000	BLZP 5.08/06/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping	4032248617999	45 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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 Fax: +49 5231 14-2083
 www.weidmueller.com

Mating connector (conditionally pluggable)

range, rated connection,
 max.: 4 mm², Box

BLZP 5.08/225 SN


Clamping-yoke wire connection with right-angled (90° or 270°) or angled (225°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1946600000	BLZP 5.08/06/225 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248622375	60 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1946290000	BLZP 5.08/06/225 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621866	60 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BLZ 5.08/90

Female plugs with clamping-yoke screw connection. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1553160000	BLZ 5.08/06/90 SN OR BX	PCB plug-in connector, female plug, No. of poles: 6, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190075804	60 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1553110000	BLZ 5.08/06/90 SN BK BX	PCB plug-in connector, female plug, No. of poles:	4008190267742	60 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series SLS 5.08/06/180B SN OR BX

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www.weidmueller.com

Mating connector (conditionally pluggable)

6, 90°, Clamping yoke
connection, Clamping
range, rated connection,
max.: 3.31 mm², Box

BLZP 5.08/180LR SN



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1944870000	BLZP 5.08/06/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248619481	42 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1945100000	BLZP 5.08/06/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620241	42 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BLL 5.08/90FI



Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1843790000	BLL 5.08/06/90FI 3.2SN OR BX	PCB plug-in connector, female header, Inverted flange, Solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l):	4032248355549	42 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

3.2 mm, tinned, Orange,
 Box

BLZF 5.08/180


Female plugs with tension-clamp wire connection system, straight 180° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1707730000	BLZF 5.08/06/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190316730	60 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1707500000	BLZF 5.08/06/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190395872	60 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLC 5.08R


Female plugs with crimp wire connection system. The female plugs provide space for labelling and can be coded.

- 0.25 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1712000000	BLC 5.08/06/180R BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190935016	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BL/SL 5.08 series SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

1610530000 BLC 5.08/06/180R OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190123819 50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
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BLZF 5.08/180LR



Female plugs with tension-clamp wire connection system, straight 180° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1892760000	BLZF 5.08/06/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248506804 42 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1851450000	BLZF 5.08/06/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248382927 42 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)
BLF 5.08/90LR SN


Just as reliable as the tried-and-tested original, with innovation in detail:
 the BLF 5.08 – the PUSH-IN version of the BLZ 5.08 female header – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate.

In terms of versatility, the BLF 5.08 offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, so you can design the interlock based on the requirements of the user.
- Use the BLF 5.08 and SL 5.08HC plug combination in order to reach the max. rated specifications.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1000450001	BLF 5.08HC/06/90LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690411	42 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box
1002320000	BLF 5.08HC/06/90LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248694488	42 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box

BLIDC 5.08B


Female plugs with IDC wire connection system. The female plugs provide space for labelling and can be coded.

- 0.35 - 0.75 mm² (IEC) / 22 - 20 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 5 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1759540000	BLIDC 5.08/06/180B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, IDC connection, Clamping	4032248069774	50 pc(s).	IEC: 400 V / 11 A / 0.5 - 0.75 mm ² UL: 300 V / 5 A / AWG 22 - AWG 20	Box

BL/SL 5.08 series SLS 5.08/06/180B SN OR BX

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Fon: +49 5231 14-0
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www.weidmueller.com

Mating connector (conditionally pluggable)

	range, rated connection, max.: 0.75 mm ² , Box			
1759650000	BLIDC 5.08/06/180B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, IDC connection, Clamping range, rated connection, max.: 0.75 mm ² , Box	4032248069880 50 pc(s).	IEC: 400 V / 11 A / 0.5 - 0.75 mm ² Box UL: 300 V / 5 A / AWG 22 - AWG 20

BLZP 5.08/180F SN



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1944130000	BLZP 5.08/06/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248618712 42 pc(s).		IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1944370000	BLZP 5.08/06/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248618941 42 pc(s).		IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BLZ 5.08/180LH



Female plugs with clamping-yoke screw connection for wire, with straight wire outlet and release lever mechanism. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1892230000	BLZ 5.08/06/180LH SN OR BX	PCB plug-in connector, female plug, No. of poles:	4032248505630 50 pc(s).		IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

6, 180°, Clamping yoke
 connection, Clamping
 range, rated connection,
 max.: 3.31 mm², Box

1893640000 BLZ 5.08/06/180LH SN BK BX	PCB plug-in connector, female plug, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248507825 50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
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BLZF 5.08/90


Female plugs with tension-clamp wire connection system.
 The female plugs provide space for labelling and can be
 coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1670830000	BLZF 5.08/06/90 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432430 60 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1671060000	BLZF 5.08/06/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432737 60 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)
BLZP 5.08/270LR SN


Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1947570000	BLZP 5.08/06/270LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248623860	42 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1947800000	BLZP 5.08/06/270LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248624195	42 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BLT 5.08LR


Female plugs with TOP screw connection for wire, with straight wire outlet and release latch mechanism. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1890260000	BLT 5.08/06/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248498741	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1894170000	BLT 5.08/06/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping	4032248508518	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

range, rated connection,
 max.: 2.5 mm², Box

BLZ 5.08/270


Female plugs with clamping-yoke screw connection. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1557760000	BLZ 5.08/06/270 SN OR BX	PCB plug-in connector, female plug, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190145910	60 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1557710000	BLZ 5.08/06/270 SN BK BX	PCB plug-in connector, female plug, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190269463	60 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZ 5.08/180LR


Female plugs with clamping-yoke screw connection for wire, with straight wire outlet and release latch mechanism. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1892990000	BLZ 5.08/06/180LR SN BK BX	PCB plug-in connector, female plug, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248507139	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1851240000	BLZ 5.08/06/180LR SN OR BX	PCB plug-in connector, female plug, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248382613	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

connection, Clamping
range, rated connection,
max.: 3.31 mm², Box

BLF 5.08/90F SN



Just as reliable as the tried-and-tested original, with innovation in detail:

the BLF 5.08 – the PUSH-IN version of the BLZ 5.08 female header – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate.

In terms of versatility, the BLF 5.08 offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, so you can design the interlock based on the requirements of the user.
- Use the BLF 5.08 and SL 5.08HC plug combination in order to reach the max. rated specifications.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1002130000	BLF 5.08HC/06/90F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248694082 42 pc(s).		IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box
1000260001	BLF 5.08HC/06/90F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690220 42 pc(s).		IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

Weidmüller Interface GmbH & Co. KG
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 Fon: +49 5231 14-0
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Mating connector (conditionally pluggable)
BLZP 5.08/180LH SN


Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1945560000	BLZP 5.08/06/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620739	42 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1945330000	BLZP 5.08/06/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248619900	42 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BLZP 5.08/270F SN


Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1950350000	BLZP 5.08/06/270F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628476	42 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1950620000	BLZP 5.08/06/270F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping	4032248628896	42 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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 www.weidmueller.com

Mating connector (conditionally pluggable)

range, rated connection,
 max.: 4 mm², Box

BLZ 5.08/180


Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1526860000	BLZ 5.08/06/180 SN OR BX	PCB plug-in connector, female plug, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190039448	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1526810000	BLZ 5.08/06/180 SN BK BX	PCB plug-in connector, female plug, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190163891	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLZF 5.08/180LH


Female plugs with the time-saving tension-clamp wire connection system, with straight outlet direction and release lever or release latch mechanism. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1895760000	BLZF 5.08/06/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248510481	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1893200000	BLZF 5.08/06/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm,	4032248507344	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

No. of poles: 6, 180°,
 Tension clamp connection,
 Clamping range, rated
 connection, max.: 3.31
 mm², Box

BLL 5.08/90


Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1622980000	BLL 5.08/06/90 3.2 SN OR BX	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190279301	60 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

BLZP 5.08/90F SN


Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1950080000	BLZP 5.08/06/90F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628018	42 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1949840000	BLZP 5.08/06/90F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Clamping yoke connection, Clamping	4032248627769	42 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

range, rated connection,
max.: 4 mm², Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (fully pluggable)
BLZ 5.08/225B


Female plugs with clamping-yoke screw for wire connection with 225° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1742370000	BLZ 5.08/06/225B SN BK BX	PCB plug-in connector, female plug, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248049806	54 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1742140000	BLZ 5.08/06/225B SN OR BX	PCB plug-in connector, female plug, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190247126	54 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLL 5.08/180B


Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1682770000	BLL 5.08/06/180B 3.2SN OR BX	PCB plug-in connector, female header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190474539	54 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (fully pluggable)
BLZF 5.08/270B


Female plugs with tension-clamp wire connection system. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1672670000	BLZF 5.08/06/270B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190434380	54 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1672440000	BLZF 5.08/06/270B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190434151	54 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZ 5.08/270B


Female plugs with clamping-yoke screw connection. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1560060000	BLZ 5.08/06/270B SN OR BX	PCB plug-in connector, female plug, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190069650	54 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1560010000	BLZ 5.08/06/270B SN BK BX	PCB plug-in connector, female plug, No. of poles: 6, 270°, Clamping yoke connection, Clamping	4008190269692	54 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (fully pluggable)

range, rated connection,
 max.: 3.31 mm², Box

BLZP 5.08/225B SN


Clamping-yoke wire connection with right-angled (90° or 270°) or angled (225°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1946020000	BLZP 5.08/06/225B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621552	54 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1945790000	BLZP 5.08/06/225B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621262	54 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BLDT 5.08B


Female plugs with two clamping-yoke screw connections per pole for wire connections with 90° and 270° outlet directions. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 14 A (IEC) / 10 A (UL)

General ordering data

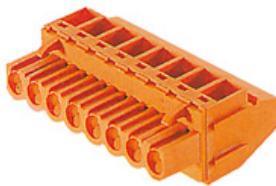
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1673820000	BLDT 5.08/06/-B SN BK BX	PCB plug-in connector, female plug, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190435554	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1651780000	BLDT 5.08/06/-B SN OR BX	PCB plug-in connector, female plug, No. of poles:	4008190400460	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (fully pluggable)

6, 180°, TOP connection,
 Clamping range, rated
 connection, max.: 3.31
 mm², Box

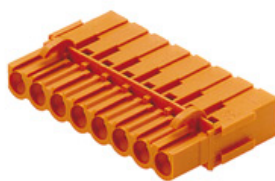
BLZ 5.08/90B


Female plugs with clamping-yoke screw connection.
 The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1555460000	BLZ 5.08/06/90B SN OR BX	PCB plug-in connector, female plug, No. of poles: 6, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190012830	54 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLC 5.08BR


Female plugs with crimp wire connection system. The female plugs provide space for labelling and can be coded.

- 0.25 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1712150000	BLC 5.08/06/180BR BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190935160	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1649410000	BLC 5.08/06/180BR OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Crimp connection, Clamping	4008190294526	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BL/SL 5.08 series
SLS 5.08/06/180B SN OR BX

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Mating connector (fully pluggable)

range, rated connection,
 max.: 2.5 mm², Box

BLZF 5.08/90B


Female plugs with tension-clamp wire connection system. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1671290000	BLZF 5.08/06/90B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432997	54 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1671520000	BLZF 5.08/06/90B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433222	54 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

