

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

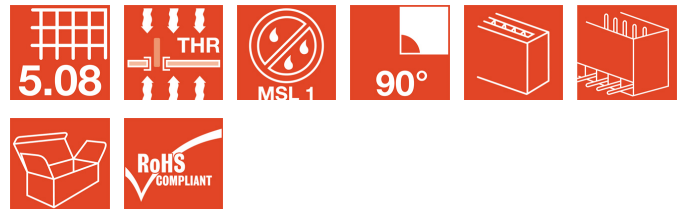
D-32758 Detmold

Germany

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www.weidmueller.com



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

Order No.	1775022001
Type	SL-SMT 5.08/04/90G 1.5SN BK BX
Version	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box
Product data	IEC: 400 V / 19 A UL: 300 V / 15 A
GTIN (EAN)	4032248156085
Qty.	100 pc(s).
Packaging	Box

Creation date March 15, 2012 10:18:40 AM CET

BL/SL 5.08 series
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Technical data
System parameters

Product family	BL/SL 5.08 series	Mounting onto the PCB	Reflow solder connection
Outgoing elbow	90°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	4
Solder pin length (l)	1.5 mm	Pin dimensions	d = 1.2 mm, Octagonal
Can be coded	Yes	Number of rows	1
Number of solder pins per pole	1	Solder eyelet hole diameter (D)	1.4 mm
Solder eyelet hole diameter tolerance (D)	+ 0,1 mm	L1 in mm	15.24 mm
L1 in inches	0.6 inch		

Material data

Insulating material	LCP GF	Colour	Black
Insulating material group	IIIa	Flammability class UL 94	V-0
Contact material	CuSn	Coating	1-3 µm Ni, 5-7 µm SN
Contact surface	tinned	Continuous operating temp., min.	-25 °C
Continuous operating temp., max.	100 °C	Max. relative humidity during storage	80 %

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	19 A	Rated current, max. no. of poles (Tu=20°C)	15 A
Rated current, number of poles (Tu=40°C), min	16 A	Rated current, number of poles (Tu=40°C), max.	13 A
Rated voltage for surge voltage class / pollution degree III/3	250 V	Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV
Rated voltage for surge voltage class / pollution degree III/2	320 V	Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV
Rated voltage for surge voltage class / pollution degree II/2	400 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	4 kV

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		

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		

Classifications

ETIM 3.0	EC001284	ETIM 4.0	EC002637
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		

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Technical data**Notes**

Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.
- Diameter of solder eyelet D = 1.4+0.1mm
- Diameter of solder eyelet D = 1.5+0.1mm from 9-pole
- 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.

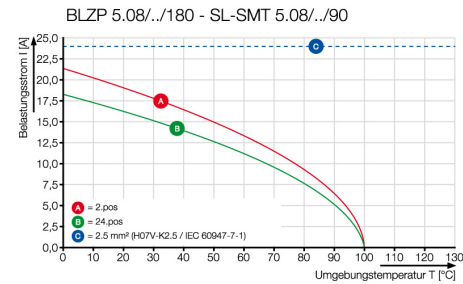
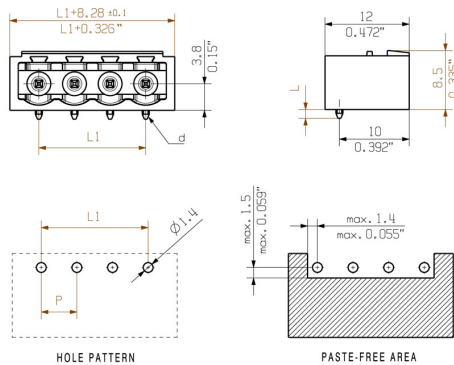
Approvals

Approvals



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Drawings


BL/SL 5.08 series

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Mating connector (fully pluggable)

BLZP 5.00/90 SN



Female plugs with clamping-yoke screw 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	Product data	GTIN (EAN)	Qty.	Packaging
1958630000	BLZP 5.00/04/90 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248637362	90 pc(s).	Box
1958280000	BLZP 5.00/04/90 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248637140	90 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1000050001	BLF 5.08HC/04/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	4032248689989	90 pc(s).	Box

BL/SL 5.08 series

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Mating connector (fully pluggable)

1001550000	BLF 5.08HC/04/90 SN OR BX	PCB plug-in connector, female IEC: 400 V / 24 A / 4032248693351 90 pc(s).	Box
plug, 5.08 mm, No. of poles: 4, 0.2 - 2.5 mm ²			
90°, PUSH IN, Clamping range, UL: 300 V / 16 A /			
rated connection, max.: 3.31 AWG 12 - AWG 26			
mm ² , Box			

BLL 5.08/90



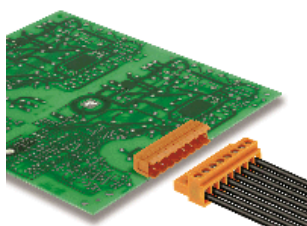
Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1622960000	BLL 5.08/04/90 3.2 SN OR BX	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 23 A UL: 300 V / 15 A	4008190194024	90 pc(s).	Box

BL 5.00



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	Product data	GTIN (EAN)	Qty.	Packaging
1723130000	BL 5.00/04/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4032248002535	100 pc(s).	Box
1730720000	BL 5.00/04/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4008190387310	100 pc(s).	Box

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Mating connector (fully pluggable)

1762790000	BL 5.00/04/180 SN GY BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm², Box	IEC: 400 V / 14 A / 0.5 - 1.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 14	4032248048700	100 pc(s).	Box
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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	Product data	GTIN (EAN)	Qty.	Packaging
1630730000	BLL 5.08/04/180 3.2 SN OR BX	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 23 A UL: 300 V / 15 A	4008190204150	90 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1552910000	BLZ 5.08/04/90 SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190267728	90 pc(s).	Box
1552960000	BLZ 5.08/04/90 SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated	IEC: 400 V / 15 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190123932	90 pc(s).	Box

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Mating connector (fully pluggable)

connection, max.: 3.31 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	Product data	GTIN (EAN)	Qty.	Packaging
1526610000	BLZ 5.08/04/180 SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4008190049454	100 pc(s).	Box
1526660000	BLZ 5.08/04/180 SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4008190148232	100 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1946270000	BLZP 5.08/04/225 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248621842	90 pc(s).	Box
1946580000	BLZP 5.08/04/225 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 225°, Clamping yoke	IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	4032248622351	90 pc(s).	Box

BL/SL 5.08 series

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Mating connector (fully pluggable)

connection, Clamping range, UL: 300 V / 10 A /
 rated connection, max.: 4 mm², AWG 30 - AWG 12
 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	Product data	GTIN (EAN)	Qty.	Packaging
1707710000	BLZF 5.08/04/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4008190316716	90 pc(s).	Box
1707480000	BLZF 5.08/04/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4008190395858	90 pc(s).	Box

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	Product data	GTIN (EAN)	Qty.	Packaging
1670810000	BLZF 5.08/04/90 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190432416	90 pc(s).	Box
1671040000	BLZF 5.08/04/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ²	4008190432713	90 pc(s).	Box

BL/SL 5.08 series

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Mating connector (fully pluggable)

poles: 4, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm², Box

UL: 300 V / 10 A / AWG 26 - AWG 12

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	Product data	GTIN (EAN)	Qty.	Packaging
1672190000	BLZF 5.08/04/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190433901	90 pc(s).	Box
1671960000	BLZF 5.08/04/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190433673	90 pc(s).	Box

BLZP 5.00/270 SN



Female plugs with clamping-yoke screw 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	Product data	GTIN (EAN)	Qty.	Packaging
1958850000	BLZP 5.00/04/270 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248637683	90 pc(s).	Box

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Mating connector (fully pluggable)

1959080000	BLZP 5.00/04/270 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 4032248638017 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	90 pc(s).	Box
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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	Product data	GTIN (EAN)	Qty.	Packaging
1943600000	BLZP 5.08/04/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248617593	100 pc(s).	Box
1943830000	BLZP 5.08/04/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248617869	100 pc(s).	Box

BLZ 5.00/270



Female plugs with clamping-yoke screw for wire connection with 270° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.20 - 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	Product data	GTIN (EAN)	Qty.	Packaging
1637600000	BLZ 5.00/04/270 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 270°, Clamping yoke connection, Clamping range,	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190274849	90 pc(s).	Box

BL/SL 5.08 series

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Mating connector (fully pluggable)

rated connection, max.: 3.31

mm², Box

1637830000	BLZ 5.00/04/270 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190275075	90 pc(s).	Box
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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	Product data	GTIN (EAN)	Qty.	Packaging
1741660000	BLZ 5.08/04/225 SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190202637	90 pc(s).	Box
1741890000	BLZ 5.08/04/225 SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190254155	90 pc(s).	Box

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	Product data	GTIN (EAN)	Qty.	Packaging
1644750000	BLDT 5.08/04/- SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 180°, TOP0.2 - 2.5 mm ² connection, Clamping range,	IEC: 400 V / 14 A / 0.2 - 2.5 mm ²	4008190283964	50 pc(s).	Box

BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (fully pluggable)

		rated connection, max.: 3.31 mm ² , Box	UL: 300 V / 10 A / AWG 26 - AWG 12			
1660730000	BLDT 5.08/04/- SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 180°, TOP0.2 - 2.5 mm ² connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 14 A / UL: 300 V / 10 A / AWG 26 - AWG 12	4008190417185	50 pc(s).	Box

BLZP 5.00/180 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	Product data	GTIN (EAN)	Qty.	Packaging
1955550000	BLZP 5.00/04/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / UL: 300 V / 10 A / AWG 26 - AWG 12	4032248634040	100 pc(s).	Box

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	Product data	GTIN (EAN)	Qty.	Packaging
1716490000	BL 5.08/04/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	IEC: 400 V / 14 A / UL: 300 V / 10 A / AWG 26 - AWG 14	4008190376536	100 pc(s).	Box
1716340000	BL 5.08/04/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Leaf spring connection, Clamping range,	IEC: 400 V / 14 A / UL: 300 V / 10 A / AWG 26 - AWG 14	4008190376376	100 pc(s).	Box

BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (fully pluggable)

rated connection, max.: 2.08

mm², Box

1723850000	BL 5.08/04/180 SN DKGX BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm², Box	IEC: 400 V / 14 A / 0.2 - 1.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 14	4008190376215	100 pc(s).	Box
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BLZ 5.00/90



Female plugs with clamping-yoke screw for wire connection with 90° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.20 - 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	Product data	GTIN (EAN)	Qty.	Packaging
1636910000	BLZ 5.00/04/90 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	IEC: 400 V / 15 A / 0.5 - 2.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190274153	90 pc(s).	Box
1635960000	BLZ 5.00/04/90 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	IEC: 400 V / 15 A / 0.5 - 2.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190265830	90 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1557510000	BLZ 5.08/04/270 SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 270°, Clamping yoke connection,	IEC: 400 V / 15 A / 0.2 - 2.5 mm²	4008190269449	90 pc(s).	Box

BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (fully pluggable)

		Clamping range, rated connection, max.: 3.31 mm ² , Box	UL: 300 V / 10 A / AWG 26 - AWG 12			
1557560000	BLZ 5.08/04/270 SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / AWG 26 - AWG 12	4008190104788	90 pc(s).	Box

BLZ 5.00/180



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.

- 0.20 - 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	Product data	GTIN (EAN)	Qty.	Packaging
1571370000	BLZ 5.00/04/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / UL: 300 V / 15 A / AWG 26 - AWG 12	4008190050641	100 pc(s).	Box
1596080000	BLZ 5.00/04/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / UL: 300 V / 15 A / AWG 26 - AWG 12	4008190176716	100 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (fully pluggable)
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	Product data	GTIN (EAN)	Qty.	Packaging
1949040000	BLZP 5.08/04/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248626496	90 pc(s).	Box
1948810000	BLZP 5.08/04/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248626267	90 pc(s).	Box

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	Product data	GTIN (EAN)	Qty.	Packaging
1724960000	BLIDC 5.08/04/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, IDC connection, Clamping range, rated connection, max.: 0.75 mm ² , Box	IEC: 400 V / 11 A / 0.5 - 0.75 mm ² UL: 300 V / 5 A / AWG 22 - AWG 20	4008190377304	100 pc(s).	Box

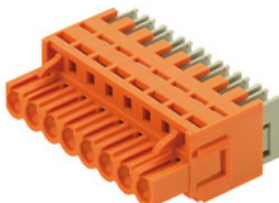
BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (fully pluggable)

BLIDC 5.08B



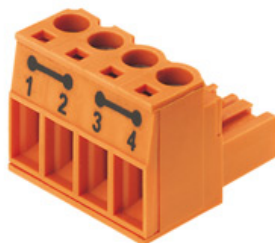
Female plugs with IDC wire connection system. The female plugs provide space for labelling and can be coded.

- 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	Product data	GTIN (EAN)	Qty.	Packaging
1759630000	BLIDC 5.08/04/180B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, IDC connection, Clamping range, rated connection, max.: 0.75 mm ² , Box	IEC: 400 V / 11 A / 0.5 - 0.75 mm ² / UL: 300 V / 5 A / AWG 22 - AWG 20	4032248069866	100 pc(s).	Box

BLZ 5.08 QV2



Female plugs with clamping-yoke screw connections for connecting wire, with straight 180° wire outlet direction and internal cross-connections between connections 1-2 and 3-4. Bus current at 4 mm² (without wire-end ferrule) is up to 32 A. The female plugs can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1839780000	BLZ 5.08/04/180QV2 SN BK BX PRT	PCB plug-in connector, female plug, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 17.5 A / 0.2 - 2.5 mm ² / UL: 300 V / 15 A / AWG 30 - AWG 12	4032248350308	100 pc(s).	Box
1839770000	BLZ 5.08/04/180QV2 SN OR BX PRT	PCB plug-in connector, female plug, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 17.5 A / 0.2 - 2.5 mm ² / UL: 300 V / 15 A / AWG 30 - AWG 12	4032248350292	100 pc(s).	Box

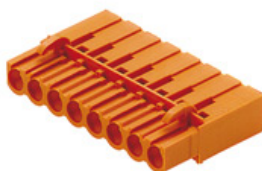
BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (fully pluggable)

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	Product data	GTIN (EAN)	Qty.	Packaging
1610510000	BLC 5.08/04/180R OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	4008190065102	100 pc(s).	Box
1711980000	BLC 5.08/04/180R BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	4008190934996	100 pc(s).	Box

BLF 5.00/90 SN



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

the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – 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 5.00 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.

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1979290000	BLF 5.00HC/04/90 SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	4032248674473	90 pc(s).	Box
1980190000	BLF 5.00HC/04/90 SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	4032248675272	90 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (fully pluggable)

rated connection, max.: 3.31
 mm², 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	Product data	GTIN (EAN)	Qty.	Packaging
1499710000	BLT 5.08/04/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4008190861711	90 pc(s).	Box
1499760000	BLT 5.08/04/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4008190037536	90 pc(s).	Box

BLZ 5.08F QV2


Female plugs with clamping-yoke screw connections for connecting wire, with straight 180° wire outlet direction and internal cross-connections between connections 1-2 and 3-4. Bus current at 4 mm² (without wire-end ferrule) is up to 32 A. The female plugs can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1844500000	BLZ 5.08/04/180FQV2 SN BK BX PRT	PCB plug-in connector, female plug, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 17.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248354948	100 pc(s).	Box
1846870000	BLZ 5.08/04/180FQV2 SN OR BX PRT	PCB plug-in connector, female plug, No. of poles: 4, 180°, Clamping yoke connection,	IEC: 400 V / 17.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248362684	100 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (fully pluggable)

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

BLZFS 5.00/180


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

- 0.20 - 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	Product data	GTIN (EAN)	Qty.	Packaging
1696620000	BLZFS 5.00/04/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4008190878641	84 pc(s).	Box
1696390000	BLZFS 5.00/04/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4008190878412	100 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)
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	Product data	GTIN (EAN)	Qty.	Packaging
1559860000	BLZ 5.08/04/270B SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12	4008190044305	78 pc(s).	Box
1559810000	BLZ 5.08/04/270B SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12	4008190269678	78 pc(s).	Box

BLZP 5.00/180LR 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	Product data	GTIN (EAN)	Qty.	Packaging
1956580000	BLZP 5.00/04/180LR SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12	4032248635405	60 pc(s).	Box
1956350000	BLZP 5.00/04/180LR SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12	4032248635054	100 pc(s).	Box

BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

rated connection, max.: 4 mm²,
 Box

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	Product data	GTIN (EAN)	Qty.	Packaging
1947550000	BLZP 5.08/04/270LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248623846	60 pc(s).	Box
1947780000	BLZP 5.08/04/270LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248624171	60 pc(s).	Box

BLZP 5.00/270F SN



Female plugs with clamping-yoke screw 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	Product data	GTIN (EAN)	Qty.	Packaging
1960710000	BLZP 5.00/04/270F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248639502	60 pc(s).	Box
1960440000	BLZP 5.00/04/270F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248639304	60 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com

Mating connector (conditionally pluggable)

poles: 4, 90°, Clamping yoke UL: 300 V / 10 A /
 connection, Clamping range, AWG 26 - AWG 12
 rated connection, max.: 4 mm²,
 Box

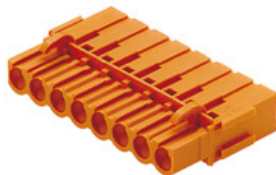
BLZP 5.08/225B SN


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	Product data	GTIN (EAN)	Qty.	Packaging
1945770000	BLZP 5.08/04/225B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248621248	78 pc(s).	Box
1946000000	BLZP 5.08/04/225B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248621521	78 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1712130000	BLC 5.08/04/180BR BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	4008190935146	100 pc(s).	Box
1649390000	BLC 5.08/04/180BR OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles:	IEC: 400 V / 21 A	4008190294502	100 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

4, 180°, Crimp connection, UL: 300 V / 10 A /
 Clamping range, rated AWG 26 - AWG 14
 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	Product data	GTIN (EAN)	Qty.	Packaging
1671500000	BLZF 5.08/04/90B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12	4008190433208	78 pc(s).	Box
1671270000	BLZF 5.08/04/90B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12	4008190432973	78 pc(s).	Box

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	Product data	GTIN (EAN)	Qty.	Packaging
1742120000	BLZ 5.08/04/225B SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12	4008190246440	78 pc(s).	Box
1742350000	BLZ 5.08/04/225B SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12	4032248049783	78 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

Clamping yoke connection, UL: 300 V / 10 A /
 Clamping range, rated AWG 26 - AWG 12
 connection, max.: 3.31 mm²,
 Box

BLZP 5.00/270LR SN


Female plugs with clamping-yoke screw 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	Product data	GTIN (EAN)	Qty.	Packaging
1961170000	BLZP 5.00/04/270LR SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248640256	60 pc(s).	Box
1960940000	BLZP 5.00/04/270LR SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248639977	60 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)
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	Product data	GTIN (EAN)	Qty.	Packaging
1002500000	BLF 5.08HC/04/90LH SN OR BX	PCB plug-in connector, female	IEC: 400 V / 24 A / plug, 5.08 mm, No. of poles: 4, 0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 16 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	4032248694877	60 pc(s).	Box
1000660001	BLF 5.08HC/04/90LH SN BK BX	PCB plug-in connector, female	IEC: 400 V / 24 A / plug, 5.08 mm, No. of poles: 4, 0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 16 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	4032248690855	60 pc(s).	Box

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	Product data	GTIN (EAN)	Qty.	Packaging
1945310000	BLZP 5.08/04/180LH SN OR BX	PCB plug-in connector, female	IEC: 400 V / 19 A / plug, 5.08 mm, No. of poles: 0.2 - 4 mm ² 4, 180°, Clamping yoke connection, Clamping range, UL: 300 V / 10 A / rated connection, max.: 4 mm ² , Box	4032248619887	60 pc(s).	Box
1945540000	BLZP 5.08/04/180LH SN BK BX	PCB plug-in connector, female	IEC: 400 V / 19 A / plug, 5.08 mm, No. of poles: 0.2 - 4 mm ²	4032248620715	60 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

4, 180°, Clamping yoke UL: 300 V / 10 A /
 connection, Clamping range, AWG 30 - AWG 12
 rated connection, max.: 4 mm²,
 Box

BLZP 5.00/180F 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	Product data	GTIN (EAN)	Qty.	Packaging
1956010000	BLZP 5.00/04/180F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248634583	100 pc(s).	Box
1955780000	BLZP 5.00/04/180F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248634323	100 pc(s).	Box

BLZP 5.00/270LH SN


Female plugs with clamping-yoke screw 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

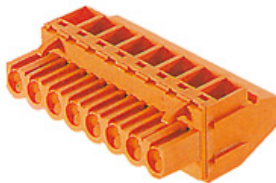
Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1961650000	BLZP 5.00/04/270LH SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248640928	60 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

1961420000	BLZP 5.00/04/270LH SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	IEC: 400 V / 15.5 A / 4032248640690 0.2 - 4 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	60 pc(s).	Box
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BLZ 5.00/90B


Female plugs with clamping-yoke screw for wire connection with 90° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.20 - 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	Product data	GTIN (EAN)	Qty.	Packaging
1637370000	BLZ 5.00/04/90B SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	IEC: 400 V / 15 A / 0.5 - 2.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190274610	78 pc(s).	Box
1637140000	BLZ 5.00/04/90B SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	IEC: 400 V / 15 A / 0.5 - 2.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190274382	78 pc(s).	Box

BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

BLF 5.00/90LH SN



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

the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – 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 5.00 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.

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1980000000	BLF 5.00HC/04/90LH SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm², Box	IEC: 400 V / 20 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 12 - AWG 26	4032248675067	60 pc(s).	Box
1981390000	BLF 5.00HC/04/90LH SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm², Box	IEC: 400 V / 20 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 12 - AWG 26	4032248676699	60 pc(s).	Box

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	Product data	GTIN (EAN)	Qty.	Packaging
1944350000	BLZP 5.08/04/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	IEC: 400 V / 19 A / 0.2 - 4 mm² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248618927	100 pc(s).	Box
1944110000	BLZP 5.08/04/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range,	IEC: 400 V / 19 A / 0.2 - 4 mm² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248617494	100 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

rated connection, max.: 4 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	Product data	GTIN (EAN)	Qty.	Packaging
1945080000	BLZP 5.08/04/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248620227	60 pc(s).	Box
1944850000	BLZP 5.08/04/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248619450	60 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1950060000	BLZP 5.08/04/90F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248627998	60 pc(s).	Box
1949820000	BLZP 5.08/04/90F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248627745	60 pc(s).	Box

BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

poles: 4, 90°, Clamping yoke UL: 300 V / 10 A /
 connection, Clamping range, AWG 30 - AWG 12
 rated connection, max.: 4 mm²,
 Box

BLF 5.00/90LR SN



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

the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – 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 5.00 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.

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1980890000	BLF 5.00HC/04/90LR SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	4032248676002	60 pc(s).	Box
1979810000	BLF 5.00HC/04/90LR SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	4032248674077	60 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1803060000	BLZ 5.08/04/180F SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248258161	100 pc(s).	Box

BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

connection, max.: 3.31 mm²,

Box

1802850000	BLZ 5.08/04/180F SN OR BX	PCB plug-in connector, female	IEC: 400 V / 19 A /	4032248257928	100 pc(s).	Box
		plug, No. of poles: 4, 180°,	0.2 - 2.5 mm ²			
		Clamping yoke connection,	UL: 300 V / 15 A /			
		Clamping range, rated	AWG 26 - AWG 12			
		connection, max.: 3.31 mm ² ,				
		Box				

BLZP 5.00/90F SN



Female plugs with clamping-yoke screw 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	Product data	GTIN (EAN)	Qty.	Packaging
1959730000	BLZP 5.00/04/90F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² ,	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248638666	60 pc(s).	Box
1959500000	BLZP 5.00/04/90F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² ,	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248638437	60 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1890240000	BLT 5.08/04/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles:	IEC: 400 V / 17 A / 0.2 - 2.5 mm ²	4032248498727	60 pc(s).	Box

BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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

Mating connector (conditionally pluggable)

		4, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	UL: 300 V / 10 A / AWG 26 - AWG 14			
1894150000	BLT 5.08/04/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4032248508396	60 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1851220000	BLZ 5.08/04/180LR SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248381296	100 pc(s).	Box
1892970000	BLZ 5.08/04/180LR SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248507115	100 pc(s).	Box

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	Product data	GTIN (EAN)	Qty.	Packaging
1672420000	BLZF 5.08/04/270B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, Tension clamp	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ²	4008190434137	78 pc(s).	Box

BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

		connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	UL: 300 V / 10 A / AWG 26 - AWG 12		
1672650000	BLZF 5.08/04/270B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 4008190434366	78 pc(s).	Box

BLZ 5.08/180LH



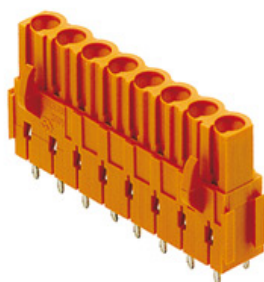
Female plugs with clamping-yoke screw connection for wire, with straight wire outlet and release lever mechanism. The female plugs provide space for labelling and can be coded.

- 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	Product data	GTIN (EAN)	Qty.	Packaging
1893620000	BLZ 5.08/04/180LH SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248507801	100 pc(s).	Box
1892210000	BLZ 5.08/04/180LH SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248505531	100 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1682750000	BLL 5.08/04/180B 3.2SN OR BX	PCB plug-in connector, female header, Dovetails for fixing	IEC: 400 V / 23 A UL: 300 V / 15 A	4008190474515	78 pc(s).	Box

Creation date March 15, 2012 10:18:41 AM CET

BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

blocks, Solder connection,
 5.08 mm, No. of poles: 4, 180°,
 Solder pin length (l): 3.2 mm,
 tinned, Orange, 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	Product data	GTIN (EAN)	Qty.	Packaging
1844240000	BLT 5.08/04/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 14	4032248356171	60 pc(s).	Box
1844010000	BLT 5.08/04/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 14	4032248355938	60 pc(s).	Box

BLF 5.00/90F SN



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

the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – 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 5.00 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.

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1980660000	BLF 5.00HC/04/90F SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 90°, PUSH IN, Clamping range,	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 12 - AWG 26	4032248675814	60 pc(s).	Box

BL/SL 5.08 series

SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

rated connection, max.: 3.31

mm², Box

1979480000	BLF 5.00HC/04/90F SN BK BX	PCB plug-in connector, female	IEC: 400 V / 20 A /	4032248674688	60 pc(s).	Box
		plug, No. of poles: 4, 90°,	0.2 - 2.5 mm²			
		PUSH IN, Clamping range,	UL: 300 V / 10 A /			
		rated connection, max.: 3.31	AWG 12 - AWG 26			
		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	Product data	GTIN (EAN)	Qty.	Packaging
1000240001	BLF 5.08HC/04/90F SN BK BX	PCB plug-in connector, female	IEC: 400 V / 24 A /	4032248690206	60 pc(s).	Box
		plug, 5.08 mm, No. of poles: 4,	0.2 - 2.5 mm²			
		90°, PUSH IN, Clamping range, UL:	300 V / 16 A /			
		rated connection, max.: 3.31	AWG 12 - AWG 26			
		mm², Box				
1002110000	BLF 5.08HC/04/90F SN OR BX	PCB plug-in connector, female	IEC: 400 V / 24 A /	4032248694068	60 pc(s).	Box
		plug, 5.08 mm, No. of poles: 4,	0.2 - 2.5 mm²			
		90°, PUSH IN, Clamping range, UL:	300 V / 16 A /			
		rated connection, max.: 3.31	AWG 12 - AWG 26			
		mm², Box				

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)
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	Product data	GTIN (EAN)	Qty.	Packaging
1803350000	BLZF 5.08/04/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² / UL: 300 V / 15 A / AWG 26 - AWG 12	4032248258758	60 pc(s).	Box
1803580000	BLZF 5.08/04/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² / UL: 300 V / 15 A / AWG 26 - AWG 12	4032248258987	60 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1555260000	BLZ 5.08/04/90B SN OR BX	PCB plug-in connector, female plug, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12	4008190169589	78 pc(s).	Box
1555210000	BLZ 5.08/04/90B SN BK BX	PCB plug-in connector, female plug, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12	4008190267964	78 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

connection, max.: 3.31 mm²,
 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	Product data	GTIN (EAN)	Qty.	Packaging
1895740000	BLZF 5.08/04/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248510467	60 pc(s).	Box
1893180000	BLZF 5.08/04/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248507320	60 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1843770000	BLL 5.08/04/90FI 3.2SN OR BX	PCB plug-in connector, female header, Inverted flange, Solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 23 A UL: 300 V / 15 A	4032248355525	60 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)
BLZP 5.00/180LH 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	Product data	GTIN (EAN)	Qty.	Packaging
1957270000	BLZP 5.00/04/180LH SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248636082	60 pc(s).	Box
1956970000	BLZP 5.00/04/180LH SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248635856	60 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1947030000	BLZP 5.08/04/270LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248622795	60 pc(s).	Box
1947260000	BLZP 5.08/04/270LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	4032248623211	60 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

rated connection, max.: 4 mm²,
 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	Product data	GTIN (EAN)	Qty.	Packaging
1892510000	BLT 5.08/04/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4032248506552	60 pc(s).	Box
1889980000	BLT 5.08/04/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4032248498420	60 pc(s).	Box

BLZ 5.00/270B


Female plugs with clamping-yoke screw for wire connection with 270° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.20 - 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	Product data	GTIN (EAN)	Qty.	Packaging
1638290000	BLZ 5.00/04/270B SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190275556	78 pc(s).	Box
1638060000	BLZ 5.00/04/270B SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 270°, Clamping yoke connection, Clamping range,	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190275327	78 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

rated connection, max.: 3.31
 mm², Box

BLZ 5.00/180F


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.

- 0.20 - 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	Product data	GTIN (EAN)	Qty.	Packaging
1843540000	BLZ 5.00/04/180F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	IEC: 400 V / 19 A / 0.5 - 2.5 mm² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248355266	100 pc(s).	Box
1843310000	BLZ 5.00/04/180F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	IEC: 400 V / 19 A / 0.5 - 2.5 mm² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248355037	100 pc(s).	Box

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	Product data	GTIN (EAN)	Qty.	Packaging
1892740000	BLZF 5.08/04/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm², Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248506781	60 pc(s).	Box
1851430000	BLZF 5.08/04/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Tension clamp	IEC: 400 V / 17 A / 0.2 - 2.5 mm²	4032248382804	60 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

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Mating connector (conditionally pluggable)

connection, Clamping range, UL: 300 V / 15 A /
 rated connection, max.: 3.31 AWG 26 - AWG 12
 mm², 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	Product data	GTIN (EAN)	Qty.	Packaging
1673800000	BLDT 5.08/04-B SN BK BX	PCB plug-in connector, female	IEC: 400 V / 14 A / plug, No. of poles: 4, 180°, TOP0.2 - 2.5 mm ² connection, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 26 - AWG 12 mm ² , Box	4008190435530	50 pc(s).	Box
1651760000	BLDT 5.08/04-B SN OR BX	PCB plug-in connector, female	IEC: 400 V / 14 A / plug, No. of poles: 4, 180°, TOP0.2 - 2.5 mm ² connection, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 26 - AWG 12 mm ² , Box	4008190400446	50 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1950330000	BLZP 5.08/04/270F SN OR BX	PCB plug-in connector, female	IEC: 400 V / 15.5 A / plug, 5.08 mm, No. of poles: 0.2 - 4 mm ² 4, 270°, Clamping yoke UL: 300 V / 10 A / connection, Clamping range, AWG 30 - AWG 12 rated connection, max.: 4 mm ² , Box	4032248628445	60 pc(s).	Box
1950570000	BLZP 5.08/04/270F SN BK BX	PCB plug-in connector, female	IEC: 400 V / 15.5 A / plug, 5.08 mm, No. of poles: 0.2 - 4 mm ² 4, 270°, Clamping yoke	4032248628704	60 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/04/90G 1.5SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com

Mating connector (conditionally pluggable)

connection, Clamping range, UL: 300 V / 10 A /
 rated connection, max.: 4 mm², AWG 30 - AWG 12
 Box

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	Product data	GTIN (EAN)	Qty.	Packaging
1000430001	BLF 5.08HC/04/90LR SN BK BX	PCB plug-in connector, female	IEC: 400 V / 24 A / plug, 5.08 mm, No. of poles: 4, 0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 16 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	4032248690398	60 pc(s).	Box
1002300000	BLF 5.08HC/04/90LR SN OR BX	PCB plug-in connector, female	IEC: 400 V / 24 A / plug, 5.08 mm, No. of poles: 4, 0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 16 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	4032248694464	60 pc(s).	Box

