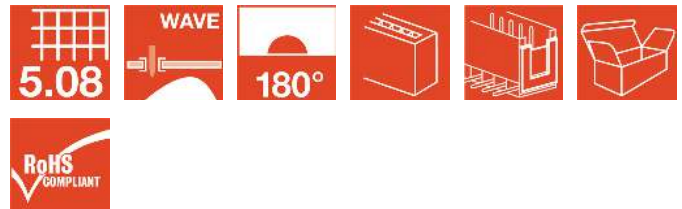


**BL/SL 5.08 series**  
**SL 5.08/10/180B 3.2 SN OR BX**

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



Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

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

#### General ordering data

Order No.	<a href="#">1520360000</a>
Type	SL 5.08/10/180B 3.2 SN OR BX
Version	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 10, Solder pin length (l): 3.2 mm, tinned, Orange, Box
GTIN (EAN)	4008190030612
Packaging	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
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Germany  
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**Technical data**
**System parameters**

Product family	BL/SL 5.08 series	Mounting onto the PCB	Solder connection
Pitch in mm (P)	5.08 mm	Pitch in inches (P)	0.2 inch
No. of poles	10	Solder pin length (l)	3.2 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)	1.3 mm	Solder eyelet hole diameter tolerance (D)	+ 0,1 mm
L1 in mm	45.72 mm	L1 in inches	1.8 inch
Insulation resistance	10 <sup>3</sup> Ω	Touch-safe protection acc. to DIN VDE 0470	IP20 plugged
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch, plugged		


**Material data**

Insulating material	PBT	Colour	Orange
Insulating material group	IIIa	Flammability class UL 94	V-0
CTI	≥ 200	Contact material	CuSn
Contact surface	tinned	Continuous operating temp., min.	-25 mm <sup>2</sup>
Continuous operating temp., max.	100 mm <sup>2</sup>	Max. relative humidity during storage	80 %


**DIN IEC rating data**

Rated current, min. no. of poles (Tu=20°C)	18 A	Rated current, max. no. of poles (Tu=20°C)	14.5 A
Rated current, number of poles (Tu=40°C), min	15 A	Rated current, number of poles (Tu=40°C), max.	12 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
Short-time withstand current resistance	3 x 1s with 120 A		

**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	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

Creation date April 19, 2012 9:51:42 PM CEST

**Data sheet...**

**BL/SL 5.08 series**  
**SL 5.08/10/180B 3.2 SN OR BX**

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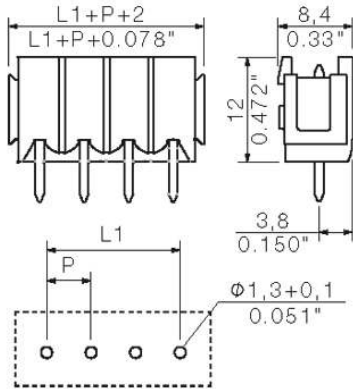
**Technical data****Notes**

Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.
- 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.

**BL/SL 5.08 series  
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**Drawings**

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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**Mating connector (conditionally pluggable)**
**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1571430000</a>	BLZ 5.00/10/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190163488	Box
<a href="#">1596120000</a>	BLZ 5.00/10/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190170417	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1670870000</a>	BLZF 5.08/10/90 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190432461	Box
<a href="#">1671100000</a>	BLZF 5.08/10/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, Tension clamp connection, Clamping range,	4008190432775	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR 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)**

rated connection, max.: 3.31  
mm<sup>2</sup>, 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1950120000</a>	BLZP 5.08/10/90F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248628056	Box
<a href="#">1949880000</a>	BLZP 5.08/10/90F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248627806	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1961590000</a>	BLZP 5.00/10/270LH SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248640867	Box
<a href="#">1961360000</a>	BLZP 5.00/10/270LH SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles:	4032248640638	Box

**BL/SL 5.08 series**  
**SL 5.08/10/180B 3.2 SN OR 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)**

10, 90°, Clamping yoke  
 connection, Clamping range,  
 rated connection, max.: 4 mm<sup>2</sup>,  
 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)	Packaging
<a href="#">1002560000</a>	BLF 5.08HC/10/90LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248694938	Box
<a href="#">1000720001</a>	BLF 5.08HC/10/90LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248690916	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1712040000</a>	BLC 5.08/10/180R BK BX	PCB plug-in connector, female plug, 5.08 mm, No.	4008190935054	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

**Mating connector (conditionally pluggable)**

of poles: 10, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm<sup>2</sup>, Box

<a href="#">1610570000</a>	BLC 5.08/10/180R OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190128180	Box
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**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)	Packaging
<a href="#">1623020000</a>	BLL 5.08/10/90 3.2 SN OR BX	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190194079	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1947090000</a>	BLZP 5.08/10/270LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248622955	Box



**BL/SL 5.08 series**  
**SL 5.08/10/180B 3.2 SN OR 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)**

<a href="#">1947320000</a>	BLZP 5.08/10/270LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248623297	Box
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**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1500360000</a>	BLT 5.08/10/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190103422	Box
<a href="#">1500310000</a>	BLT 5.08/10/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190861766	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1725020000</a>	BLIDC 5.08/10/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, IDC connection, Clamping range, rated	4008190377366	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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**Mating connector (conditionally pluggable)**

connection, max.: 0.75 mm<sup>2</sup>,  
 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1844300000</a>	BLT 5.08/10/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4032248356232	Box
<a href="#">1844070000</a>	BLT 5.08/10/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4032248355990	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1956290000</a>	BLZP 5.00/10/180LR SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248634996	Box
<a href="#">1956520000</a>	BLZP 5.00/10/180LR SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range,	4032248635306	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

**Mating connector (conditionally pluggable)**

rated connection, max.: 4 mm<sup>2</sup>,  
 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1527260000</a>	BLZ 5.08/10/180 SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190186265	Box
<a href="#">1527210000</a>	BLZ 5.08/10/180 SN BK BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190015602	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1843370000</a>	BLZ 5.00/10/180F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248355099	Box
<a href="#">1843600000</a>	BLZ 5.00/10/180F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke	4032248355327	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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**Mating connector (conditionally pluggable)**

connection, Clamping range,  
 rated connection, max.: 3.31  
 mm<sup>2</sup>, 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1696680000</a>	BLZFS 5.00/10/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190878702	Box
<a href="#">1696450000</a>	BLZFS 5.00/10/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190878474	Box

**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1672250000</a>	BLZF 5.08/10/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190433963	Box
<a href="#">1672020000</a>	BLZF 5.08/10/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles:	4008190433734	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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**Mating connector (conditionally pluggable)**

10, 270°, Tension clamp  
 connection, Clamping range,  
 rated connection, max.: 3.31  
 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	GTIN (EAN)	Packaging
<a href="#">1955950000</a>	BLZP 5.00/10/180F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248634521	Box
<a href="#">1955720000</a>	BLZP 5.00/10/180F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248634255	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	GTIN (EAN)	Packaging
<a href="#">1961110000</a>	BLZP 5.00/10/270LR SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248640171	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR 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)**

<a href="#">1960880000</a>	BLZP 5.00/10/270LR SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248639908	Box
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**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1637890000</a>	BLZ 5.00/10/270 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190275150	Box
<a href="#">1637660000</a>	BLZ 5.00/10/270 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190274900	Box

**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1741950000</a>	BLZ 5.08/10/225 SN BK BX	PCB plug-in connector, female plug, No. of poles: 10, 225°, Clamping yoke connection, Clamping range,	4008190272883	Box

**BL/SL 5.08 series**  
**SL 5.08/10/180B 3.2 SN OR 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)**

rated connection, max.: 3.31  
 mm<sup>2</sup>, Box

<a href="#">1741720000</a>	BLZ 5.08/10/225 SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190222246	Box
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**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1802910000</a>	BLZ 5.08/10/180F SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248257980	Box
<a href="#">1803120000</a>	BLZ 5.08/10/180F SN BK BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248258222	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1946640000</a>	BLZP 5.08/10/225 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 225°, Clamping yoke	4032248622412	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR 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,  
rated connection, max.: 4 mm<sup>2</sup>,  
Box

<a href="#">1946330000</a>	BLZP 5.08/10/225 SN OR BX	PCB plug-in connector, female 4032248621903	Box
plug, 5.08 mm, No. of poles: 10, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1890070000</a>	BLT 5.08/10/180LH SN OR BX	PCB plug-in connector, female	4032248498482	Box
plug, 5.08 mm, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box				
<a href="#">1892570000</a>	BLT 5.08/10/180LH SN BK BX	PCB plug-in connector, female	4032248506613	Box
plug, 5.08 mm, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1851490000</a>	BLZF 5.08/10/180LR SN OR BX	PCB plug-in connector, female	4032248382965	Box
plug, 5.08 mm, No. of poles: 10, 180°, Tension clamp connection, Clamping range,				



**BL/SL 5.08 series**  
**SL 5.08/10/180B 3.2 SN OR BX**

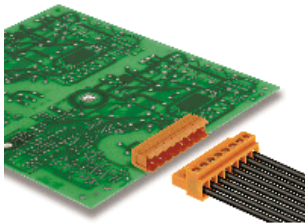
**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

**Mating connector (conditionally pluggable)**

rated connection, max.: 3.31  
 mm<sup>2</sup>, Box

<a href="#">1892800000</a>	BLZF 5.08/10/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248506941	Box
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**BL 5.00**



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

- 0.2 - 1.5 mm<sup>2</sup> (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)	Packaging
<a href="#">1723190000</a>	BL 5.00/10/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm <sup>2</sup> , Box	4032248002597	Box
<a href="#">1730780000</a>	BL 5.00/10/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm <sup>2</sup> , Box	4008190387259	Box

**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)	Packaging
<a href="#">1630790000</a>	BLL 5.08/10/180 3.2 SN OR BX	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of	4008190204228	Box

**BL/SL 5.08 series**  
**SL 5.08/10/180B 3.2 SN OR 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: 10, 180°, Solder pin  
 length (l): 3.2 mm, tinned,  
 Orange, 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1949100000</a>	BLZP 5.08/10/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248626557	Box
<a href="#">1948870000</a>	BLZP 5.08/10/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248626328	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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

**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)	Packaging
<a href="#">1000490001</a>	BLF 5.08HC/10/90LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm², Box	4032248690459	Box
<a href="#">1002360000</a>	BLF 5.08HC/10/90LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm², Box	4032248694525	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)	Packaging
<a href="#">1000110001</a>	BLF 5.08HC/10/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10,	4032248690046	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR 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)**

90°, PUSH IN, Clamping range,  
rated connection, max.: 3.31  
mm², Box

<a href="#">1001610000</a>	BLF 5.08HC/10/90 SN OR BX	PCB plug-in connector, female	4032248693412	Box
		plug, 5.08 mm, No. of poles: 10, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm², 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)	Packaging
<a href="#">1894210000</a>	BLT 5.08/10/180LR SN BK BX	PCB plug-in connector, female	4032248508556	Box
		plug, 5.08 mm, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm², Box		
<a href="#">1890300000</a>	BLT 5.08/10/180LR SN OR BX	PCB plug-in connector, female	4032248498789	Box
		plug, 5.08 mm, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm², 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)	Packaging
<a href="#">1943890000</a>	BLZP 5.08/10/180 SN BK BX	PCB plug-in connector, female	4032248618002	Box
		plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range,		

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR 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)**

rated connection, max.: 4 mm<sup>2</sup>,  
Box

<a href="#">1943660000</a>	BLZP 5.08/10/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248617678	Box
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**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1558110000</a>	BLZ 5.08/10/270 SN BK BX	PCB plug-in connector, female plug, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190269500	Box
<a href="#">1558160000</a>	BLZ 5.08/10/270 SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190184247	Box

**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1956910000</a>	BLZP 5.00/10/180LH SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke	4032248635795	Box

Creation date April 19, 2012 9:51:42 PM CEST

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR 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,  
 rated connection, max.: 4 mm<sup>2</sup>,  
 Box

<a href="#">1957210000</a>	BLZP 5.00/10/180LH SN BK BX	PCB plug-in connector, female 4032248636037	Box
plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1644810000</a>	BLDT 5.08/10/- SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190284022	Box
<a href="#">1660790000</a>	BLDT 5.08/10/- SN BK BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190417246	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1950660000</a>	BLZP 5.08/10/270F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 270°, Clamping yoke	4032248629039	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR 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,  
rated connection, max.: 4 mm<sup>2</sup>,  
Box

<a href="#">1950390000</a>	BLZP 5.08/10/270F SN OR BX	PCB plug-in connector, female 4032248628513	Box
		plug, 5.08 mm, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1893680000</a>	BLZ 5.08/10/180LH SN BK BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248507863	Box
<a href="#">1892270000</a>	BLZ 5.08/10/180LH SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248505678	Box

**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1636970000</a>	BLZ 5.00/10/90 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles:	4008190274214	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR 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)**

10, 90°, Clamping yoke  
 connection, Clamping range,  
 rated connection, max.: 3.31  
 mm², Box

<a href="#">1636020000</a>	BLZ 5.00/10/90 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	4008190265779	Box
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**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)	Packaging
<a href="#">1843830000</a>	BLL 5.08/10/90FI 3.2SN OR BX	PCB plug-in connector, female header, Inverted flange, Solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4032248355587	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)	Packaging
<a href="#">1944910000</a>	BLZP 5.08/10/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248619962	Box



**BL/SL 5.08 series**  
**SL 5.08/10/180B 3.2 SN OR 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)**

<a href="#">1945140000</a>	BLZP 5.08/10/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248620289	Box
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**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)	Packaging
<a href="#">1002170000</a>	BLF 5.08HC/10/90F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm², Box	4032248694327	Box
<a href="#">1000300001</a>	BLF 5.08HC/10/90F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm², Box	4032248690268	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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**Mating connector (conditionally pluggable)**
**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1707770000</a>	BLZF 5.08/10/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190316778	Box
<a href="#">1707540000</a>	BLZF 5.08/10/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190950200	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1553560000</a>	BLZ 5.08/10/90 SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190016852	Box
<a href="#">1553510000</a>	BLZ 5.08/10/90 SN BK BX	PCB plug-in connector, female plug, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated	4008190267797	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

**Mating connector (conditionally pluggable)**

connection, max.: 3.31 mm<sup>2</sup>,  
 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1945600000</a>	BLZP 5.08/10/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248620777	Box
<a href="#">1945370000</a>	BLZP 5.08/10/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248620548	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1803410000</a>	BLZF 5.08/10/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248258819	Box
<a href="#">1803640000</a>	BLZF 5.08/10/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Tension clamp	4032248259045	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR 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,  
rated connection, max.: 3.31  
mm<sup>2</sup>, 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1954410000</a>	BLZP 5.00/10/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248633128	Box
<a href="#">1955490000</a>	BLZP 5.00/10/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248633982	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1960380000</a>	BLZP 5.00/10/270F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248639243	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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

**Mating connector (conditionally pluggable)**

<a href="#">1960640000</a>	BLZP 5.00/10/270F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248639601	Box
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**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1947610000</a>	BLZP 5.08/10/270LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248623907	Box
<a href="#">1947840000</a>	BLZP 5.08/10/270LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248624331	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1944170000</a>	BLZP 5.08/10/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range,	4032248618750	Box

**BL/SL 5.08 series**  
**SL 5.08/10/180B 3.2 SN OR BX**

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 www.weidmueller.com

**Mating connector (conditionally pluggable)**

rated connection, max.: 4 mm<sup>2</sup>,  
 Box

<a href="#">1944410000</a>	BLZP 5.08/10/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248618989	Box
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**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1958570000</a>	BLZP 5.00/10/90 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248637317	Box
<a href="#">1958160000</a>	BLZP 5.00/10/90 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248637089	Box

**BL 5.08**



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

- 0.2 - 1.5 mm<sup>2</sup> (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)	Packaging
<a href="#">1716550000</a>	BL 5.08/10/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of	4008190376628	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

**Mating connector (conditionally pluggable)**

poles: 10, 180°, Leaf spring  
 connection, Clamping range,  
 rated connection, max.: 2.08  
 mm², Box

<a href="#">1723910000</a>	BL 5.08/10/180 SN DKG BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm², Box	4008190376277	Box
<a href="#">1716400000</a>	BL 5.08/10/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm², Box	4008190376444	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	GTIN (EAN)	Packaging
<a href="#">1959430000</a>	BLZP 5.00/10/90F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248638277	Box
<a href="#">1959670000</a>	BLZP 5.00/10/90F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248638604	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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Fax: +49 5231 14-2083  
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**Mating connector (conditionally pluggable)**
**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1958790000</a>	BLZP 5.00/10/270 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248637621	Box
<a href="#">1959020000</a>	BLZP 5.00/10/270 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248637959	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1893240000</a>	BLZF 5.08/10/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248507382	Box
<a href="#">1895800000</a>	BLZF 5.08/10/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Tension clamp connection, Clamping range,	4032248510627	Box



**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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**Mating connector (conditionally pluggable)**

rated connection, max.: 3.31  
 mm<sup>2</sup>, 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1851280000</a>	BLZ 5.08/10/180LR SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248382651	Box
<a href="#">1893030000</a>	BLZ 5.08/10/180LR SN BK BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248507177	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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**Mating connector (fully pluggable)**
**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1555860000</a>	BLZ 5.08/10/90B SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190158866	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1638120000</a>	BLZ 5.00/10/270B SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190275389	Box
<a href="#">1638350000</a>	BLZ 5.00/10/270B SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190275617	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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Klingenbergstraße 16  
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Fax: +49 5231 14-2083  
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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 mm<sup>2</sup> (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)	Packaging
<a href="#">1742410000</a>	BLZ 5.08/10/225B SN BK BX	PCB plug-in connector, female plug, No. of poles: 10, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248049820	Box
<a href="#">1742180000</a>	BLZ 5.08/10/225B SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190247492	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1671330000</a>	BLZF 5.08/10/90B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190433031	Box
<a href="#">1671560000</a>	BLZF 5.08/10/90B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, Tension clamp connection, Clamping range,	4008190433260	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
www.weidmueller.com

**Mating connector (fully pluggable)**

rated connection, max.: 3.31  
mm<sup>2</sup>, 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)	Packaging
<a href="#">1682810000</a>	BLL 5.08/10/180B 3.2SN OR BX	PCB plug-in connector, female header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190474577	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1673860000</a>	BLDT 5.08/10/-B SN BK BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190435592	Box
<a href="#">1651820000</a>	BLDT 5.08/10/-B SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190400507	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR 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 (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 mm<sup>2</sup> (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)	Packaging
<a href="#">1672480000</a>	BLZF 5.08/10/270B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190434199	Box
<a href="#">1672710000</a>	BLZF 5.08/10/270B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190434427	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 mm<sup>2</sup> (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)	Packaging
<a href="#">1560410000</a>	BLZ 5.08/10/270B SN BK BX	PCB plug-in connector, female plug, No. of poles: 10, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190269753	Box
<a href="#">1560460000</a>	BLZ 5.08/10/270B SN OR BX	PCB plug-in connector, female plug, No. of poles: 10, 270°, Clamping yoke connection, Clamping range,	4008190156947	Box

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR 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 (fully pluggable)**

rated connection, max.: 3.31  
mm<sup>2</sup>, 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1946060000</a>	BLZP 5.08/10/225B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248621590	Box
<a href="#">1945830000</a>	BLZP 5.08/10/225B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248621309	Box

**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 mm<sup>2</sup> (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)	Packaging
<a href="#">1637200000</a>	BLZ 5.00/10/90B SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190274443	Box
<a href="#">1637430000</a>	BLZ 5.00/10/90B SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke	4008190274672	Box

Creation date April 19, 2012 9:51:44 PM CEST

**BL/SL 5.08 series  
SL 5.08/10/180B 3.2 SN OR BX**

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

**Mating connector (fully pluggable)**

connection, Clamping range,  
 rated connection, max.: 3.31  
 mm<sup>2</sup>, 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 mm<sup>2</sup> (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)	Packaging
<a href="#">1712190000</a>	BLC 5.08/10/180BR BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190935207	Box
<a href="#">1649450000</a>	BLC 5.08/10/180BR OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190294564	Box

