

BL/SL 5.08 series
SL 5.08/10/180B 3.2 SN OR BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

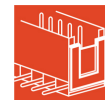
D-32758 Detmold

Germany

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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.	1520360000
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

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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 ³ 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 ²
Continuous operating temp., max.	100 mm ²	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

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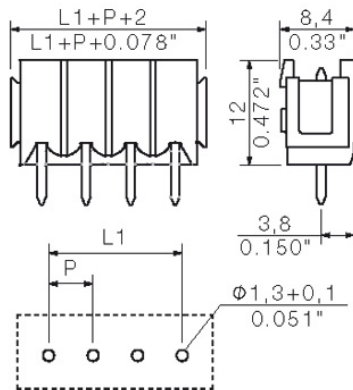
Technical data**Notes**

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.

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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 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
1571430000	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 ² , Box	4008190163488	Box
1596120000	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 ² , 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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1670870000	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 ² , Box	4008190432461	Box
1671100000	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

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Mating connector (conditionally pluggable)

rated connection, max.: 3.31
 mm², Box

BLZP 5.08/90F SN



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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1950120000	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 ² , Box	4032248628056	Box
1949880000	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 ² , 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 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
1961590000	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 ² , Box	4032248640867	Box
1961360000	BLZP 5.00/10/270LH SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles:	4032248640638	Box

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Mating connector (conditionally pluggable)

10, 90°, Clamping yoke
 connection, Clamping range,
 rated connection, max.: 4 mm²,
 Box

BLF 5.08/90LH SN


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

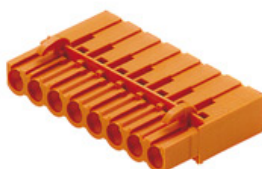
the BLF 5.08 – the PUSH-IN version of the BLZ 5.08 female header – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate.

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
1002560000	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 ² , Box	4032248694938	Box
1000720001	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 ² , 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 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1712040000	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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Mating connector (conditionally pluggable)

of poles: 10, 180°, Crimp
 connection, Clamping range,
 rated connection, max.: 2.5
 mm², Box

1610570000	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 mm², 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
1623020000	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 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
1947090000	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 mm², Box	4032248622955	Box

BL/SL 5.08 series

SL 5.08/10/180B 3.2 SN OR BX

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Mating connector (conditionally pluggable)

1947320000	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 mm², 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 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
1500360000	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 mm², Box	4008190103422	Box
1500310000	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 mm², 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 mm² (IEC) / 22 - 20 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 5 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1725020000	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 mm²,
 Box

BLT 5.08F



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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1844300000	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 ² , Box	4032248356232	Box
1844070000	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 ² , 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 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
1956290000	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 ² , Box	4032248634996	Box
1956520000	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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Mating connector (conditionally pluggable)

rated connection, max.: 4 mm²,

Box

BLZ 5.08/180



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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1527260000	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 ² , Box	4008190186265	Box
1527210000	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 ² , 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 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
1843370000	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 ² , Box	4032248355099	Box
1843600000	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

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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
 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	GTIN (EAN)	Packaging
1696680000	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 ² , Box	4008190878702	Box
1696450000	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 ² , 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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1672250000	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 ² , Box	4008190433963	Box
1672020000	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
1955950000	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
1955720000	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
1961110000	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

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Mating connector (conditionally pluggable)

1960880000	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 ² , 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 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
1637890000	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 ² , Box	4008190275150	Box
1637660000	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 ² , 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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1741950000	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
 mm², Box

1741720000	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 mm², 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 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
1802910000	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 mm², Box	4032248257980	Box
1803120000	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 mm², 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 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1946640000	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 mm²,
 Box

1946330000	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 ² , Box			

BLT 5.08LH



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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1890070000	BLT 5.08/10/180LH 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 ² , Box	4032248498482	Box
1892570000	BLT 5.08/10/180LH 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 ² , Box	4032248506613	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

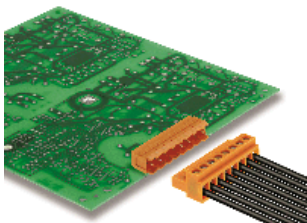
Order No.	Type	Version	GTIN (EAN)	Packaging
1851490000	BLZF 5.08/10/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Tension clamp connection, Clamping range,	4032248382965	Box

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)

		rated connection, max.: 3.31 mm², Box	
1892800000	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 mm², Box	4032248506941 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	GTIN (EAN)	Packaging
1723190000	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 mm², Box	4032248002597	Box
1730780000	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 mm², 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
1630790000	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

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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)

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 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
1949100000	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 ² , Box	4032248626557	Box
1948870000	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 ² , Box	4032248626328	Box

BL/SL 5.08 series

SL 5.08/10/180B 3.2 SN OR BX

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 D-32758 Detmold
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Mating connector (conditionally pluggable)

BLF 5.08/90LR SN



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

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

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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1000490001	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
1002360000	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
1000110001	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

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 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

1001610000	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
1894210000	BLT 5.08/10/180LR 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 mm², Box	4032248508556	Box
1890300000	BLT 5.08/10/180LR 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 mm², Box	4032248498789	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
1943890000	BLZP 5.08/10/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range,	4032248618002	Box

BL/SL 5.08 series

SL 5.08/10/180B 3.2 SN OR BX

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 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 mm²,
 Box

1943660000	BLZP 5.08/10/180 SN OR BX	PCB plug-in connector, female 4032248617678	Box
plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box			

BLZ 5.08/270



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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1558110000	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 ² , Box	4008190269500	Box
1558160000	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 ² , 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 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
1956910000	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

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 (conditionally pluggable)

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

1957210000	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 ² , 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	GTIN (EAN)	Packaging
1644810000	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 ² , Box	4008190284022	Box
1660790000	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 ² , 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 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
1950660000	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

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 Germany
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Mating connector (conditionally pluggable)

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

1950390000	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 ² , Box			

BLZ 5.08/180LH



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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1893680000	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 ² , Box	4032248507863	Box
1892270000	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 ² , 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 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
1636970000	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

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 D-32758 Detmold
 Germany
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 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

[1636020000](#) BLZ 5.00/10/90 SN OR BX

PCB plug-in connector, female 4008190265779 Box
 plug, 5.00 mm, No. of poles:
 10, 90°, Clamping yoke
 connection, Clamping range,
 rated connection, max.: 3.31
 mm², Box

BLL 5.08/90FI


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1843830000	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
1944910000	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

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 Fon: +49 5231 14-0
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Mating connector (conditionally pluggable)

1945140000	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
1002170000	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
1000300001	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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 Germany
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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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1707770000	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 ² , Box	4008190316778	Box
1707540000	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 ² , 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 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
1553560000	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 ² , Box	4008190016852	Box
1553510000	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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 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 mm²,
 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	GTIN (EAN)	Packaging
1945600000	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 ² , Box	4032248620777	Box
1945370000	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 ² , 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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1803410000	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 ² , Box	4032248258819	Box
1803640000	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

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 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
 mm², 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	GTIN (EAN)	Packaging
1954410000	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 mm², Box	4032248633128	Box
1955490000	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 mm², 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 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
1960380000	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 mm², Box	4032248639243	Box

BL/SL 5.08 series

SL 5.08/10/180B 3.2 SN OR BX

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Mating connector (conditionally pluggable)

[1960640000](#) BLZP 5.00/10/270F SN BK BX

PCB plug-in connector, female 4032248639601 Box
 plug, 5.00 mm, No. of poles:
 10, 90°, Clamping yoke
 connection, Clamping range,
 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	GTIN (EAN)	Packaging
1947610000	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 ² , Box	4032248623907	Box
1947840000	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 ² , 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 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
1944170000	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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Mating connector (conditionally pluggable)

rated connection, max.: 4 mm²,

Box

[1944410000](#) BLZP 5.08/10/180F SN BK BX

PCB plug-in connector, female 4032248618989 Box

plug, 5.08 mm, No. of poles:

10, 180°, Clamping yoke

connection, Clamping range,

rated connection, max.: 4 mm²,

Box

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	GTIN (EAN)	Packaging
1958570000	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 ² , Box	4032248637317	Box
1958160000	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 ² , 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 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1716550000	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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 Fax: +49 5231 14-2083
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Mating connector (conditionally pluggable)

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

1723910000	BL 5.08/10/180 SN DKGN 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
1716400000	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
1959430000	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
1959670000	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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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 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
1958790000	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 ² , Box	4032248637621	Box
1959020000	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 ² , 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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1893240000	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 ² , Box	4032248507382	Box
1895800000	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
 mm², Box

BLZ 5.08/180LR


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1851280000	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 mm², Box	4032248382651	Box
1893030000	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 mm², Box	4032248507177	Box

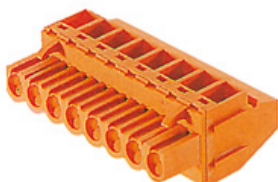
BL/SL 5.08 series

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 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
1555860000	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 ² , 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 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
1638120000	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 ² , Box	4008190275389	Box
1638350000	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 ² , Box	4008190275617	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 5.08/225B


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1742410000	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 ² , Box	4032248049820	Box
1742180000	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 ² , 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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1671330000	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 ² , Box	4008190433031	Box
1671560000	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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Mating connector (fully pluggable)

rated connection, max.: 3.31
 mm², 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
1682810000	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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 14 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1673860000	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 ² , Box	4008190435592	Box
1651820000	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 ² , Box	4008190400507	Box

BL/SL 5.08 series

SL 5.08/10/180B 3.2 SN OR BX

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Mating connector (fully pluggable)

BLZF 5.08/270B



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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1672480000	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 ² , Box	4008190434199	Box
1672710000	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 ² , 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 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
1560410000	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 ² , Box	4008190269753	Box
1560460000	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

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Mating connector (fully pluggable)

rated connection, max.: 3.31
 mm², Box

BLZP 5.08/225B SN



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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1946060000	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 ² , Box	4032248621590	Box
1945830000	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 ² , 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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

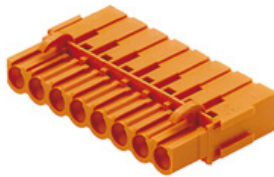
Order No.	Type	Version	GTIN (EAN)	Packaging
1637200000	BLZ 5.00/10/90B SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190274443	Box
1637430000	BLZ 5.00/10/90B SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 10, 90°, Clamping yoke	4008190274672	Box

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

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

Mating connector (fully pluggable)

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

BLC 5.08BR


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Packaging
1712190000	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 mm², Box	4008190935207	Box
1649450000	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 mm², Box	4008190294564	Box

