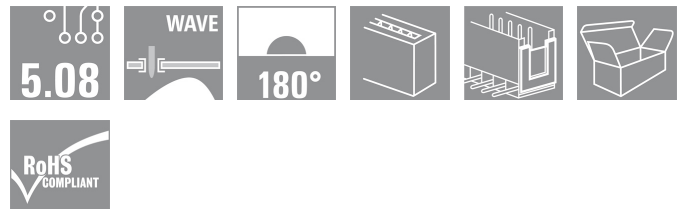


BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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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.	1519860000
Type	SL 5.08/05/180B 3.2 SN OR BX
Version	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 5, Solder pin length (l): 3.2 mm, tinned, Orange, Box
GTIN (EAN)	4008190014094
Qty.	50 pc(s).
Product data	IEC: 400 V / 18 A UL: 300 V / 15 A
Packaging	Box

Creation date July 3, 2012 7:18:14 AM CEST

BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX

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Technical data
Dimensions

Net weight 1.59 g

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	5	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	20.32 mm	L1 in inches	0.8 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 °C
Continuous operating temp., max.	100 °C	Max. relative humidity during storage	80 %


DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	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		

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Data sheet...**BL/SL 5.08 series**
SL 5.08/05/180B 3.2 SN OR BX**Weidmüller Interface GmbH & Co. KG**
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www.weidmueller.com**Technical data****Classifications**

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

Notes

Notes

- Additional colours on request
- 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.

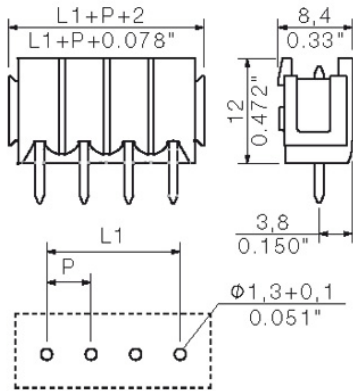
Approvals

Approvals



**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Drawings

BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX

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Mating connector (conditionally pluggable)
BLL 5.08/180


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1630740000	BLL 5.08/05/180 3.2 SN OR BX	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190204167 72	pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	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)	Qty.	Product data	Packaging
1960430000	BLZP 5.00/05/270F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248639298 48	pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1960700000	BLZP 5.00/05/270F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248639496 48	pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX

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Mating connector (conditionally pluggable)
BLZF 5.08/180F


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1803360000	BLZF 5.08/05/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248258765	48 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1803590000	BLZF 5.08/05/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248258994	48 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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)	Qty.	Product data	Packaging
1958270000	BLZP 5.00/05/90 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248637133	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1958620000	BLZP 5.00/05/90 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping	4032248637355	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

Creation date July 3, 2012 7:18:14 AM CEST

Catalogue status 14.04.2012 / We reserve the right to make technical changes.

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

range, rated connection,
 max.: 4 mm², 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)	Qty.	Product data	Packaging
1959490000	BLZP 5.00/05/90F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248638420	48 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1959720000	BLZP 5.00/05/90F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248638659	48 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZP 5.00/270 SN


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1958840000	BLZP 5.00/05/270 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248637676	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1959070000	BLZP 5.00/05/270 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No.	4032248638000	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

of poles: 5, 90°, Clamping
 yoke connection, Clamping
 range, rated connection,
 max.: 4 mm², Box

BLT 5.08LH


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1892520000	BLT 5.08/05/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248506569	48 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1889990000	BLT 5.08/05/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248498437	48 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	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)	Qty.	Product data	Packaging
1644760000	BLDT 5.08/05/- SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190283971	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

1660740000 BLDT 5.08/05/- SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190417192 50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
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BLF 5.08/90LH SN


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

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

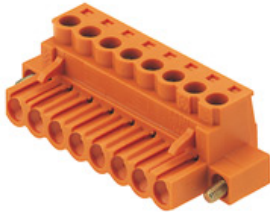
- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, so you can design the interlock based on the requirements of the user.
- Use the BLF 5.08 and SL 5.08HC plug combination in order to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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1002510000	BLF 5.08HC/05/90LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248694884	48 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box
1000670001	BLF 5.08HC/05/90LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690862	48 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box

**BL/SL 5.08 series
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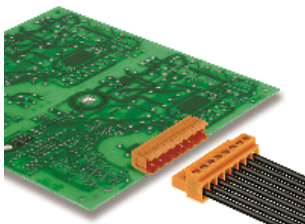
Mating connector (conditionally pluggable)
BLZ 5.08/180F


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1802860000	BLZ 5.08/05/180F SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248257935	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1803070000	BLZ 5.08/05/180F SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248258178	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BL 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)	Qty.	Product data	Packaging
1730730000	BL 5.00/05/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190387303	50 pc(s).	IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1723140000	BL 5.00/05/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Leaf spring connection, Clamping range, rated	4032248002542	50 pc(s).	IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

connection, max.: 2.08
 mm², 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)	Qty.	Product data	Packaging
1723860000	BL 5.08/05/180 SN DKGX BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376222	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1716350000	BL 5.08/05/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376383	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1716500000	BL 5.08/05/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376543	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX

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


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1947270000	BLZP 5.08/05/270LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248623235	48 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1947040000	BLZP 5.08/05/270LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248622801	48 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BLZP 5.00/180 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)	Qty.	Product data	Packaging
1954460000	BLZP 5.00/05/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248633173	45 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1955540000	BLZP 5.00/05/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping	4032248634033	45 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

range, rated connection,
max.: 4 mm², 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)	Qty.	Product data	Packaging
1961410000	BLZP 5.00/05/270LH SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248640683	48 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1961640000	BLZP 5.00/05/270LH SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248640911	48 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZP 5.08/225 SN


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1946590000	BLZP 5.08/05/225 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248622368	72 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1946280000	BLZP 5.08/05/225 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No.	4032248621859	72 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 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)

of poles: 5, 225°, Clamping
 yoke connection, Clamping
 range, rated connection,
 max.: 4 mm², Box

BLZ 5.00/270


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

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1637610000	BLZ 5.00/05/270 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190274856	72 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1637840000	BLZ 5.00/05/270 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190275082	72 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZ 5.08/90

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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1553060000	BLZ 5.08/05/90 SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190081331	72 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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 www.weidmueller.com

Mating connector (conditionally pluggable)

1553010000 BLZ 5.08/05/90 SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190267735 72 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
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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)	Qty.	Product data	Packaging
1955770000	BLZP 5.00/05/180F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248634316 48 pc(s).		IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1956000000	BLZP 5.00/05/180F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248634576 48 pc(s).		IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZP 5.08/180LR SN


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1944860000	BLZP 5.08/05/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping	4032248619467 48 pc(s).		IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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www.weidmueller.com

Mating connector (conditionally pluggable)

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

1945090000 BLZP 5.08/05/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620234 48 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
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BLZF 5.08/180LR



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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1851440000	BLZF 5.08/05/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248382910 48 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1892750000	BLZF 5.08/05/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248506798 48 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX

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


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

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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1000440001	BLF 5.08HC/05/90LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690404	48 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box
1002310000	BLF 5.08HC/05/90LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248694471	48 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	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)	Qty.	Product data	Packaging
1944120000	BLZP 5.08/05/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping	4032248617500	48 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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 www.weidmueller.com

Mating connector (conditionally pluggable)

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

1944360000 BLZP 5.08/05/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248618934 45 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1557660000	BLZ 5.08/05/270 SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190144012 72 pc(s).		IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1557610000	BLZ 5.08/05/270 SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190269456 72 pc(s).		IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZ 5.08/180LR


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1851230000	BLZ 5.08/05/180LR SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, Clamping yoke	4032248381302 50 pc(s).		IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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 www.weidmueller.com

Mating connector (conditionally pluggable)

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

1892980000 BLZ 5.08/05/180LR SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248507 122 50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
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BLZ 5.08/180


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1526760000	BLZ 5.08/05/180 SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190052287 50 pc(s).		IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1526710000	BLZ 5.08/05/180 SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190287856 50 pc(s).		IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLL 5.08/90


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1622970000	BLL 5.08/05/90 3.2 SN OR BX	PCB plug-in connector, female header, closed side,	4008190194017 72 pc(s).		IEC: 400 V / 23 A UL: 300 V / 15 A	Box

Creation date July 3, 2012 7:18:14 AM CEST

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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 www.weidmueller.com

Mating connector (conditionally pluggable)

Solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, 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)	Qty.	Product data	Packaging
1956340000	BLZP 5.00/05/180LR SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248635047	48 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1956570000	BLZP 5.00/05/180LR SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248635382	48 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	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)	Qty.	Product data	Packaging
1741670000	BLZ 5.08/05/225 SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248049844	72 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

1741900000 BLZ 5.08/05/225 SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190255596 72 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
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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)	Qty.	Product data	Packaging
1961160000	BLZP 5.00/05/270LR SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248640232 48 pc(s).		IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1960930000	BLZP 5.00/05/270LR SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248639960 48 pc(s).		IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series SL 5.08/05/180B 3.2 SN OR BX

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www.weidmueller.com

Mating connector (conditionally pluggable)

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 system features a trend-setting, tool-free wire connection system that is simple to operate.

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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1000060001	BLF 5.08HC/05/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248689996	72 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box
1001560000	BLF 5.08HC/05/90 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248693368	72 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box

BLIDC 5.08



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

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

General ordering data

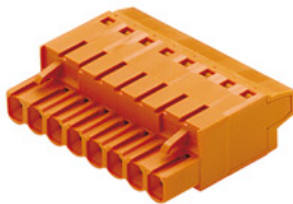
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1724970000	BLIDC 5.08/05/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, IDC connection, Clamping	4008190377311	50 pc(s).	IEC: 400 V / 11 A / 0.5 - 0.75 mm ² UL: 300 V / 5 A / AWG 22 - AWG 20	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

range, rated connection,
 max.: 0.75 mm², Box

BLT 5.08


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1499860000	BLT 5.08/05/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190030285	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1499810000	BLT 5.08/05/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190861728	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BLT 5.08F


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1844020000	BLT 5.08/05/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248355945	48 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1844250000	BLT 5.08/05/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248356188	48 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

Creation date July 3, 2012 7:18:14 AM CEST

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

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

BLZ 5.00/180F


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

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1843550000	BLZ 5.00/05/180F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248355273	50 pc(s).	IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1843320000	BLZ 5.00/05/180F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248355044	50 pc(s).	IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLZP 5.08/270 SN


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1949050000	BLZP 5.08/05/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248626502	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

1948820000 BLZP 5.08/05/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248626274 72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
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BLZF 5.08/270


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1671970000	BLZF 5.08/05/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433680 72 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1672200000	BLZF 5.08/05/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433918 72 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX

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Mating connector (conditionally pluggable)
BLDZ DN 5.08F AU


Female plugs with two clamping-yoke screw connections per pole. The integrated cross-connection enables the signals (e.g. DeviceNet) to be looped through securely. The T-type arrangement of the connections enables individual modules to be decoupled easily from the network. The test point enables manual diagnosis. The gold-plated contact system guarantees up to 1,000 plugging/unplugging operations!

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1919990000	BLDZ DN5.08/5/180F GR BED	PCB plug-in connector, female plug, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248557899	50 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 22 - AWG 12	Box

BLZP 5.08/180 SN


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1943840000	BLZP 5.08/05/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248617876	45 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1943610000	BLZP 5.08/05/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248617609	45 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)
BLL 5.08/90FI


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1843780000	BLL 5.08/05/90FI 3.2SN OR BX	PCB plug-in connector, female header, Inverted flange, Solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4032248355532	48 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

BLZ 5.00/180


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

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1625630000	BLZ 5.00/05/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190196936	50 pc(s).	IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1571380000	BLZ 5.00/05/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190183622	50 pc(s).	IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
SL 5.08/05/180B 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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1707490000	BLZF 5.08/05/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190395865	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1707720000	BLZF 5.08/05/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190316723	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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)	Qty.	Product data	Packaging
1957260000	BLZP 5.00/05/180LH SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248636075	48 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1956960000	BLZP 5.00/05/180LH SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping	4032248635849	48 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

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

BLC 5.08R


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1711990000	BLC 5.08/05/180R BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190935009	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1610520000	BLC 5.08/05/180R OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190017736	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	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)	Qty.	Product data	Packaging
1670820000	BLZF 5.08/05/90 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432423	72 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1671050000	BLZF 5.08/05/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm,	4008190432720	72 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

No. of poles: 5, 90°,
 Tension clamp connection,
 Clamping range, rated
 connection, max.: 3.31
 mm², Box

BLZ 5.08/180LH


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1892220000	BLZ 5.08/05/180LH SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248505623	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1893630000	BLZ 5.08/05/180LH SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248507818	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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)	Qty.	Product data	Packaging
1947790000	BLZP 5.08/05/270LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping	4032248624188	48 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

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

1947560000 BLZP 5.08/05/270LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248623853 48 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
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BLT 5.08LR



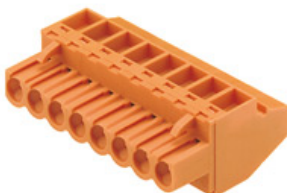
Female plugs with TOP screw connection for wire, with straight wire outlet and release latch mechanism. The female plugs provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1890250000	BLT 5.08/05/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248498734 48 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1894160000	BLT 5.08/05/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248508402 48 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	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)	Qty.	Product data	Packaging
1636920000	BLZ 5.00/05/90 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping	4008190274160 72 pc(s).		IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (conditionally pluggable)

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

1635970000 BLZ 5.00/05/90 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190265823 72 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
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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)	Qty.	Product data	Packaging
1696400000	BLZFS 5.00/05/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190878429 50 pc(s).		IEC: 400 V / 17 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1696630000	BLZFS 5.00/05/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190878658 50 pc(s).		IEC: 400 V / 17 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX

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Mating connector (conditionally pluggable)
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 system features a trend-setting, tool-free wire connection system that is simple to operate.

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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1000250001	BLF 5.08HC/05/90F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690213	48 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	Box
1002120000	BLF 5.08HC/05/90F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248694075	48 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 16 A / AWG 12 - AWG 26	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)	Qty.	Product data	Packaging
1945550000	BLZP 5.08/05/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping	4032248620722	48 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 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)

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

1945320000 BLZP 5.08/05/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248619894 48 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
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BLZP 5.08/270F SN


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1950340000	BLZP 5.08/05/270F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628469 48 pc(s).		IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1950580000	BLZP 5.08/05/270F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628711 48 pc(s).		IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

BLZF 5.08/180LH


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1895750000	BLZF 5.08/05/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm,	4032248510474 48 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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 www.weidmueller.com

Mating connector (conditionally pluggable)

No. of poles: 5, 180°,
 Tension clamp connection,
 Clamping range, rated
 connection, max.: 3.31
 mm², Box

1893190000	BLZF 5.08/05/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248507337 48 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
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BLZP 5.08/90F SN


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1949830000	BLZP 5.08/05/90F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248627752 48 pc(s).		IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1950070000	BLZP 5.08/05/90F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628001 48 pc(s).		IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 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)	Qty.	Product data	Packaging
1742130000	BLZ 5.08/05/225B SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190246778	66 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1742360000	BLZ 5.08/05/225B SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248049790	66 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZF 5.08/270B


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

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

General ordering data

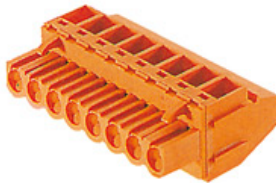
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1672430000	BLZF 5.08/05/270B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190434144	66 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1672660000	BLZF 5.08/05/270B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Tension clamp connection, Clamping range, rated	4008190434373	66 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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 www.weidmueller.com

Mating connector (fully pluggable)

connection, max.: 3.31
 mm², 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)	Qty.	Product data	Packaging
1637150000	BLZ 5.00/05/90B SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190274399	66 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1637380000	BLZ 5.00/05/90B SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190274627	66 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLL 5.08/180B


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1682760000	BLL 5.08/05/180B 3.2SN OR BX	PCB plug-in connector, female header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190474522	66 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (fully pluggable)
BLZ 5.08/270B


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1559960000	BLZ 5.08/05/270B SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190123253	66 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1559910000	BLZ 5.08/05/270B SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190269685	66 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZP 5.08/225B SN


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1946010000	BLZP 5.08/05/225B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621538	66 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box
1945780000	BLZP 5.08/05/225B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 225°, Clamping yoke connection, Clamping	4032248621255	66 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 30 - AWG 12	Box

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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 www.weidmueller.com

Mating connector (fully pluggable)

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

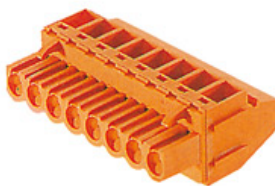
BLDT 5.08B


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1673810000	BLDT 5.08/05/-B SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190435547	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1651770000	BLDT 5.08/05/-B SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190400453	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZ 5.08/90B


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1555310000	BLZ 5.08/05/90B SN BK BX	PCB plug-in connector, female plug, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190267971	66 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1555360000	BLZ 5.08/05/90B SN OR BX	PCB plug-in connector, female plug, No. of poles: 5, 90°, Clamping yoke	4008190014902	66 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

Creation date July 3, 2012 7:18:15 AM CEST

BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX

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 www.weidmueller.com

Mating connector (fully pluggable)

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

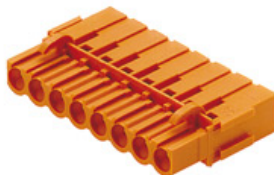
BLZ 5.00/270B


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)	Qty.	Product data	Packaging
1638070000	BLZ 5.00/05/270B SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190275334	66 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1638300000	BLZ 5.00/05/270B SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190275563	66 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLC 5.08BR


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1712140000	BLC 5.08/05/180BR BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190935153	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1649400000	BLC 5.08/05/180BR OR BX	PCB plug-in connector, female plug, 5.08 mm, No.	4008190294519	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box

Creation date July 3, 2012 7:18:15 AM CEST

**BL/SL 5.08 series
SL 5.08/05/180B 3.2 SN OR BX**

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Mating connector (fully pluggable)

of poles: 5, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm², Box

BLZF 5.08/90B


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1671510000	BLZF 5.08/05/90B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433215	66 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1671280000	BLZF 5.08/05/90B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432980	66 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

