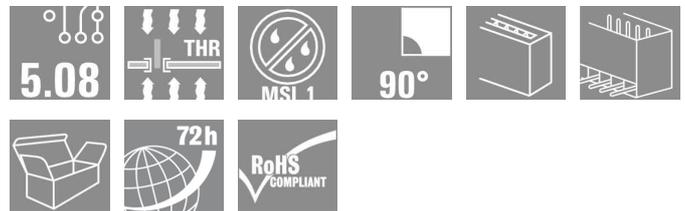


OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



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

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

General ordering data

Order No.	1780190000
Type	SL-SMT 5.08/03/90G 3.2SN BK BX
Version	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box
GTIN (EAN)	4032248165513
Qty.	100 pc(s).
Product data	IEC: 400 V / 19 A UL: 300 V / 15 A
Packaging	Box

Creation date July 16, 2013 7:15:06 AM CEST

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Technical data

Dimensions and weights

Net weight 1.82 g

System parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Mounting onto the PCB	Reflow solder connection
Outgoing elbow	90°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	3
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)	1.4 mm
Solder eyelet hole diameter tolerance (D)	+ 0,1 mm	L1 in mm	10.16 mm
L1 in inches	0.4 inch		

Material data

Insulating material	LCP GF	Colour	Black
Insulating material group	IIIa	UL 94 flammability rating	V-0
CTI	≥ 175	Contact material	CuSn
Coating	1-3 µm Ni, 5-7 µm SN	Contact surface	tinned
Continuous operating temp., min.	-25 °C	Continuous operating temp., max.	100 °C
Max. relative humidity during storage	80 %		

DIN IEC rating data

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

CSA rating data

Institute (CSA)		Rated voltage (Use group B)	300 V
Rated current (use group B)	15 A	Rated voltage (use group D)	300 V
Rated current (use group D)	10 A		

UL 1059 rating data

Institute (UR)		Rated voltage (use group B)	300 V
Rated current (use group B)	15 A	Rated voltage (use group D)	300 V
Rated current (use group D)	10 A		

Data sheet...

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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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 6.2	27-26-07-04	eClass 7.1	27-44-04-02

Notes

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



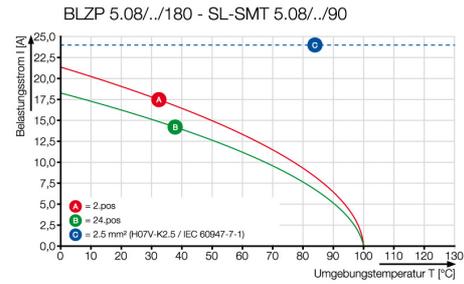
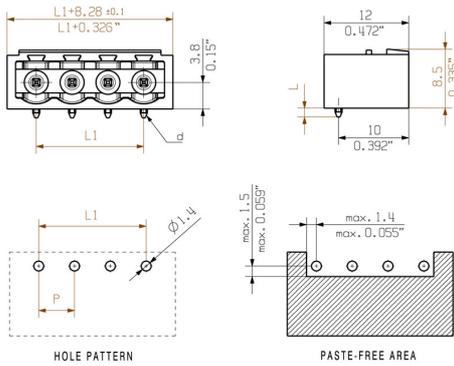
ROHS

Conform

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Drawings



**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (conditionally pluggable)
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
1960950000	BLZP 5.00/03/270LR SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248639984	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1961180000	BLZP 5.00/03/270LR SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248640270	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	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
1637130000	BLZ 5.00/03/90B SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190274375	108 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1637360000	BLZ 5.00/03/90B SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping	4008190274603	108 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL-SMT 5.08/03/90G 3.2SN BK BX

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Mating connector (conditionally pluggable)

range, rated connection,
max.: 3.31 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
1959740000	BLZP 5.00/03/90F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248638673	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1959510000	BLZP 5.00/03/90F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248638444	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLT 5.08F



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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1844230000	BLT 5.08/03/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248356164	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box
1844000000	BLT 5.08/03/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm,	4032248355921	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box

Creation date July 16, 2013 7:15:06 AM CEST

Catalogue status 04.06.2013 / We reserve the right to make technical changes.

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (conditionally pluggable)

No. of poles: 3, 180°, TOP
 connection, Clamping
 range, rated connection,
 max.: 2.5 mm², Box

BLZP 5.08/180LR SN


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1945070000	BLZP 5.08/03/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620210	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1944840000	BLZP 5.08/03/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248619443	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLL 5.08/90FI


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

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

General ordering data

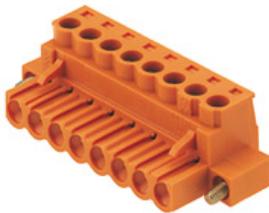
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1843760000	BLL 5.08/03/90FI 3.2SN OR BX	PCB plug-in connector, female header, Inverted flange, Solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l):	4032248355518	72 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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 www.weidmueller.com

Mating connector (conditionally pluggable)

3.2 mm, tinned, Orange,
 Box

BLZ 5.08/180F


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1803050000	BLZ 5.08/03/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248258154	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1802840000	BLZ 5.08/03/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248257690	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLZP 5.08/90F 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
1950050000	BLZP 5.08/03/90F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248627981	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1949810000	BLZP 5.08/03/90F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No.	4032248627738	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

Creation date July 16, 2013 7:15:06 AM CEST

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (conditionally pluggable)

of poles: 3, 90°, Clamping
 yoke connection, Clamping
 range, rated connection,
 max.: 4 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)	Qty.	Product data	Packaging
1945300000	BLZP 5.08/03/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248619870	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1945530000	BLZP 5.08/03/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620708	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLZF 5.08/180F


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1803340000	BLZF 5.08/03/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated	4032248258741	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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 www.weidmueller.com

Mating connector (conditionally pluggable)

connection, max.: 3.31
 mm², Box

1803570000 BLZF 5.08/03/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248258970 72 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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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
1671490000	BLZF 5.08/03/90B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433192 108 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1671260000	BLZF 5.08/03/90B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432966 108 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL-SMT 5.08/03/90G 3.2SN BK BX

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Mating connector (conditionally pluggable)

BLZP 5.08/270LR SN



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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1947540000	BLZP 5.08/03/270LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248623839	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1947770000	BLZP 5.08/03/270LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248624164	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	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
1960720000	BLZP 5.00/03/270F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248639717	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1960450000	BLZP 5.00/03/270F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping	4032248639311	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (conditionally pluggable)

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

BLZP 5.08/270LH SN


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1947250000	BLZP 5.08/03/270LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248623143	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1947020000	BLZP 5.08/03/270LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248622788	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	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)	Qty.	Product data	Packaging
1892730000	BLZF 5.08/03/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248506774	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (conditionally pluggable)

1851420000 BLZF 5.08/03/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248382798 72 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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ZZ_Varianten


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
1528850000	BLZ 5.08/03/180B SN DKGX BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190290191	100 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLZP 5.08/180F 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
1944100000	BLZF 5.08/03/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248617487	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1944340000	BLZP 5.08/03/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping	4032248618910	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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 www.weidmueller.com

Mating connector (conditionally pluggable)

yoke connection, Clamping
 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
1673790000	BLDT 5.08/03/-B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190435516	100 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1651750000	BLDT 5.08/03/-B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190400439	100 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	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
1961660000	BLZP 5.00/03/270LH SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248640935	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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 www.weidmueller.com

Mating connector (conditionally pluggable)

1961430000 BLZP 5.00/03/270LH SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248640706 72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
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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
1843530000	BLZ 5.00/03/180F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248355259	100 pc(s).	IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1843300000	BLZ 5.00/03/180F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248355020	100 pc(s).	IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (conditionally pluggable)
BLF 5.00/90LR SN


Just as reliable as the tried-and-tested original, with innovation in detail: the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate. In terms of versatility, the BLF 5.00 offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, so you can design the interlock based on the requirements of the user.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1980880000	BLF 5.00HC/03/90LR SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248675999	72 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box
1979800000	BLF 5.00HC/03/90LR SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248674060	72 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	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
1638050000	BLZ 5.00/03/270B SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping	4008190275310	108 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (conditionally pluggable)

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

BLZ 5.08/225B


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1742110000	BLZ 5.08/03/225B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190243753	108 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1742340000	BLZ 5.08/03/225B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248049776	108 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLF 5.08/90LH SN


Just as reliable as the tried-and-tested original, with innovation in detail: the BLF 5.08, PUSH-IN version of the BLZ 5.08 female header, features a new connection system and a more compact design. Weidmüller 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
1002490000	BLF 5.08HC/03/90LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm,	4032248694860	72 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (conditionally pluggable)

	No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box		UL: 300 V / 18.5 A / AWG 26 - AWG 12
1000650001 BLF 5.08HC/03/90LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690848 72 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² Box UL: 300 V / 18.5 A / AWG 26 - AWG 12

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
1956360000	BLZP 5.00/03/180LR SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248635061 72 pc(s).		IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1956590000	BLZP 5.00/03/180LR SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248635412 72 pc(s).		IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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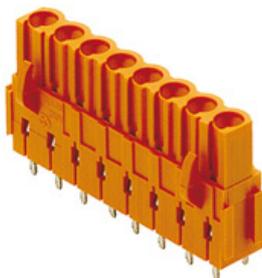
Mating connector (conditionally pluggable)
BLZ 5.08/180LR


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
1892960000	BLZ 5.08/03/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248507108	100 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1851210000	BLZ 5.08/03/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248381289	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLL 5.08/180B


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
1682740000	BLL 5.08/03/180B 3.2SN OR BX	PCB plug-in connector, female header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190474508	108 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (conditionally pluggable)
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
1895730000	BLZF 5.08/03/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248510450	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1893170000	BLZF 5.08/03/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248507313	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 5.00/180F 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
1956020000	BLZP 5.00/03/180F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248634590	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1955790000	BLZP 5.00/03/180F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping	4032248634330	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (conditionally pluggable)

range, rated connection,
 max.: 4 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)	Qty.	Product data	Packaging
1712120000	BLC 5.08/03/180BR BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190935139	100 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1649380000	BLC 5.08/03/180BR OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190294489	100 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BLF 5.08/90F SN


Just as reliable as the tried-and-tested original, with innovation in detail: the BLF 5.08, PUSH-IN version of the BLZ 5.08 female header, features a new connection system and a more compact design. Weidmüller 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
1000230001	BLF 5.08HC/03/90F SN BK BX	PCB plug-in connector, female plug, 5.08 mm,	4032248690190	72 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (conditionally pluggable)

	No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box		UL: 300 V / 18.5 A / AWG 26 - AWG 12
1002100000 BLF 5.08HC/03/90F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248694051 72 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² Box UL: 300 V / 18.5 A / AWG 26 - AWG 12

BLF 5.08/90LR SN


Just as reliable as the tried-and-tested original, with innovation in detail: the BLF 5.08, PUSH-IN version of the BLZ 5.08 female header, features a new connection system and a more compact design. Weidmüller 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
1000420001	BLF 5.08HC/03/90LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690381	72 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
1002290000	BLF 5.08HC/03/90LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248694457	72 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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

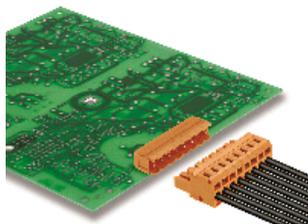
Mating connector (conditionally pluggable)
BLF 5.00/90F SN


Just as reliable as the tried-and-tested original, with innovation in detail: the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate. In terms of versatility, the BLF 5.00 offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, so you can design the interlock based on the requirements of the user.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1980650000	BLF 5.00HC/03/90F SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248675708	72 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box
1979470000	BLF 5.00HC/03/90F SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248674671	72 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box

BLZF 5.08/180B


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
1708310000	BLZF 5.08/03/180B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated	4008190317775	108 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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 Klingenbergstraße 16
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 Fax: +49 5231 14-292083
 www.weidmueller.com

Mating connector (conditionally pluggable)

connection, max.: 3.31
 mm², Box

BLZP 5.08/270F SN


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1950560000	BLZP 5.08/03/270F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628698	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1950320000	BLZP 5.08/03/270F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628438	72 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - 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
1672410000	BLZF 5.08/03/270B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190434120	108 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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 Fax: +49 5231 14-292083
 www.weidmueller.com

Mating connector (conditionally pluggable)

1672640000 BLZF 5.08/03/270B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190434359 108 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 5.00/180LH 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
1957280000	BLZP 5.00/03/180LH SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248636099	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1956980000	BLZP 5.00/03/180LH SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248635863	100 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLZ 5.08/180B


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
1528860000	BLZ 5.08/03/180B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping	4008190060039	100 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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 www.weidmueller.com

Mating connector (conditionally pluggable)

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

1528810000 BLZ 5.08/03/180B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190167264 100 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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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
1894140000	BLT 5.08/03/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248508389	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box
1890230000	BLT 5.08/03/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248498710	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (conditionally pluggable)
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
1945760000	BLZP 5.08/03/225B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621231	108 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1945990000	BLZP 5.08/03/225B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621514	108 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLF 5.00/90LH SN


Just as reliable as the tried-and-tested original, with innovation in detail: the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate. In terms of versatility, the BLF 5.00 offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, so you can design the interlock based on the requirements of the user.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1981380000	BLF 5.00HC/03/90LH SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248676682	72 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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 Fax: +49 5231 14-292083
 www.weidmueller.com

Mating connector (conditionally pluggable)

1979990000 BLF 5.00HC/03/90LH SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248675050 72 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box
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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
1559760000	BLZ 5.08/03/270B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190083731	108 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1559710000	BLZ 5.08/03/270B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190269661	108 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZ 5.08/90B


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
1555110000	BLZ 5.08/03/90B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping	4008190267957	108 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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www.weidmueller.com

Mating connector (conditionally pluggable)

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

1555160000 BLZ 5.08/03/90B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190026059 108 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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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
1892500000	BLT 5.08/03/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248506545	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box
1889970000	BLT 5.08/03/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248498413	72 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	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
1893610000	BLZ 5.08/03/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping	4032248507795	72 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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 Fax: +49 5231 14-292083
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Mating connector (conditionally pluggable)

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

[1892200000](#) BLZ 5.08/03/180LH SN OR BX

PCB plug-in connector, 403224850524 72 pc(s).
 female plug, 5.08 mm, No.
 of poles: 3, 180°, Clamping
 yoke connection, Clamping
 range, rated connection,
 max.: 3.31 mm², Box

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

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (fully pluggable)
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
1622950000	BLL 5.08/03/90 3.2 SN OR BX	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190194031	120 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	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
1959090000	BLZP 5.00/03/270 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248638024	120 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1958860000	BLZP 5.00/03/270 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248637690	120 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (fully pluggable)**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
167080000	BLZF 5.08/03/90 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432409	120 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
167103000	BLZF 5.08/03/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432706	120 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZP 5.08/180 SN

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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
194359000	BLZP 5.08/03/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248617579	100 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
194382000	BLZP 5.08/03/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping	4032248617845	100 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Mating connector (fully pluggable)

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

BLZ 5.08/270


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1557460000	BLZ 5.08/03/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190147891	120 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1557410000	BLZ 5.08/03/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190269432	120 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZP 5.08/270 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
1949030000	BLZP 5.08/03/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248626489	120 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1948800000	BLZP 5.08/03/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No.	4032248626250	120 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Mating connector (fully pluggable)

of poles: 3, 270°, Clamping
 yoke connection, Clamping
 range, rated connection,
 max.: 4 mm², 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)	Qty.	Product data	Packaging
1672180000	BLZF 5.08/03/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433895	120 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1671950000	BLZF 5.08/03/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433666	120 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZ 5.08/180


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
1526510000	BLZ 5.08/03/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping	4008190151553	100 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (fully pluggable)

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

1526560000 BLZ 5.08/03/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190170004 100 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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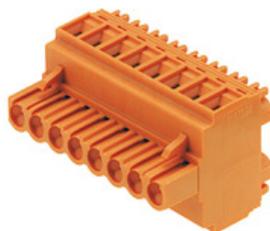
BLZ 5.08/225


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
1741880000	BLZ 5.08/03/225 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190249786	120 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1741650000	BLZ 5.08/03/225 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190198244	120 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	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
1644740000	BLDT 5.08/03/- SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, TOP	4008190283957	100 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Mating connector (fully pluggable)

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

1660720000 BLDT 5.08/03/- SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190417178 100 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 5.00/90 SN


Just as reliable as the tried-and-tested original, with innovation in detail:
 the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate.
 In terms of versatility, the BLF 5.00 offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, so you can design the interlock based on the requirements of the user.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1980180000	BLF 5.00HC/03/90 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248675265	120 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box
1979280000	BLF 5.00HC/03/90 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248674459	120 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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 Klingenbergstraße 16
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 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Mating connector (fully 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
1630720000	BLL 5.08/03/180 3.2 SN OR BX	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190204143	120 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

BLZF 5.08/180


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1707470000	BLZF 5.08/03/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190395841	120 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1707700000	BLZF 5.08/03/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190316709	120 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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 Klingenbergstraße 16
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 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Mating connector (fully pluggable)
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
1946570000	BLZP 5.08/03/225 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248622344	120 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1946260000	BLZP 5.08/03/225 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621835	120 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	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
1716330000	BL 5.08/03/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376369	100 pc(s).	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1723840000	BL 5.08/03/180 SN DKGX BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Pressure clamp connection, Clamping range, rated	4008190376208	100 pc(s).	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Mating connector (fully pluggable)

connection, max.: 2.08
 mm², Box

1716480000 BL 5.08/03/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376529 100 pc(s).	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
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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
1552860000	BLZ 5.08/03/90 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190000790	120 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1552810000	BLZ 5.08/03/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190267711	120 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	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
1724950000	BLIDC 5.08/03/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm,	4008190377298	100 pc(s).	IEC: 400 V / 11 A / 0.5 - 0.75 mm ² UL: 300 V / 5 A / AWG 22 - AWG 20	Box

Creation date July 16, 2013 7:15:07 AM CEST

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Mating connector (fully pluggable)

No. of poles: 3, 180°, IDC
 terminal, Clamping range,
 rated connection, max.:
 0.75 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
1637820000	BLZ 5.00/03/270 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190275068	120 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1637590000	BLZ 5.00/03/270 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190274832	120 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 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
1958640000	BLZP 5.00/03/90 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248637379	120 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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Klingenbergstraße 16
D-32758 Detmold
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Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (fully pluggable)

1958290000 BLZP 5.00/03/90 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248637157 120 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
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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
1955560000	BLZP 5.00/03/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248634057	100 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
1954480000	BLZP 5.00/03/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248633197	100 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	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
1499660000	BLT 5.08/03/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping	4008190008352	120 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box

OMNIMATE Signal - series BL/SL 5.08 SL-SMT 5.08/03/90G 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
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D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (fully pluggable)

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

1499610000 BLT 5.08/03/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190401559 120 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	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
1696380000	BLZFS 5.00/03/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190878405	100 pc(s).	IEC: 400 V / 17 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1696610000	BLZFS 5.00/03/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190878634	114 pc(s).	IEC: 400 V / 17 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

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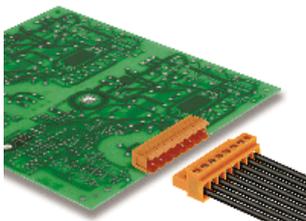
Mating connector (fully pluggable)
BLF 5.08/90 SN


Just as reliable as the tried-and-tested original, with innovation in detail: the BLF 5.08, PUSH-IN version of the BLZ 5.08 female header, features a new connection system and a more compact design. Weidmüller 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
1000040001	BLF 5.08HC/03/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248689972	120 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
1001540000	BLF 5.08HC/03/90 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248693344	120 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 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
1730710000	BL 5.00/03/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Pressure clamp connection,	4008190387327	100 pc(s).	IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (fully pluggable)

Clamping range, rated connection, max.: 2.08 mm², Box

1723120000 BL 5.00/03/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4032248002528 100 pc(s).	IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
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BLZ 5.00/90


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1635950000	BLZ 5.00/03/90 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190265847	120 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
1636900000	BLZ 5.00/03/90 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190274146	120 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (fully pluggable)
BLC 5.08R


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1711970000	BLC 5.08/03/180R BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190934989	100 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
1610500000	BLC 5.08/03/180R OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190004293	100 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	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
1571360000	BLZ 5.00/03/180 SN OR BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190034979	100 pc(s).	IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
1625620000	BLZ 5.00/03/180 SN BK BX	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping	4008190196929	100 pc(s).	IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SL-SMT 5.08/03/90G 3.2SN BK BX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (fully pluggable)

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

