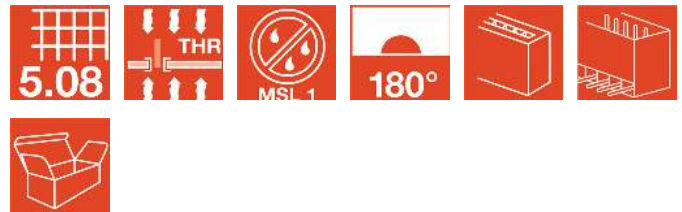


BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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



High-temperature-resistant male connector, 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 can be labelled and coded.

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

General ordering data

Order No.	1838340000
Type	SL-SMT 5.08/15/180G 3.2SN BK BX
Version	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 15, 180°, Solder pin length: 3.2 mm, tinned, Box
Product data	IEC: 400 V / 19 A UL: 300 V / 15 A
EAN	4032248348404
Qty.	50 pc(s).
Packaging	Box

**BL/SL 5.08 series
SL-SMT 5.08/15/180G 3.2SN BK BX**

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Klingenbergstraße 16
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Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
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Technical data
System parameters

Product family	BL/SL 5.08 series	Mounting onto the PCB	Reflow solder connection
Outgoing elbow	180°	Pitch, in mm	5.08 mm
Pitch, in inches	0.2 inch	No. of poles	15
Solder pin length	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	Diameter of solder eyelet	1.5 mm
Tolerance of the diameter of the solder eyelet	+ 0,1 mm	L1 in mm	71.12 mm
L1 in inches	2.8 inch		

Material data

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

DIN IEC rating data

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

CSA rating data

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

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

Classifications

ETIM 3.0	EC001284	ETIM 4.0	EC002637
UNSPSC	30-21-18-10	eClass 4.1	27-26-07-01
eClass 5.1	27-26-07-04	eClass 6.0	27-26-07-04

Approvals

Approvals	CSA; GOSTME25; UR; ROHS
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Datasheet**BL/SL 5.08 series**
SL-SMT 5.08/15/180G 3.2SN BK BX**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com**Technical data****Notes**

Notes

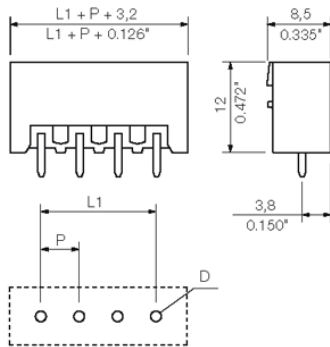
- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.

- Diameter of solder eyelet D = 1.4+0.1mm

- Diameter of solder eyelet D = 1.5+0.1mm from 9-pole

- P on drg. = pitch

- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Datasheet**BL/SL 5.08 series**
SL-SMT 5.08/15/180G 3.2SN BK BX**Weidmüller Interface GmbH & Co. KG**
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BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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 Germany
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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	Product data	EAN	Qty.	Packaging
1947890000	BLZP 5.08/15/270LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248624386	18 pc(s).	Box
1947660000	BLZP 5.08/15/270LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248624058	18 pc(s).	Box

BLZF 5.08/90B



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1671610000	BLZF 5.08/15/90B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190433314	24 pc(s).	Box
1671380000	BLZF 5.08/15/90B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190433086	24 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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

Mating connector (conditionally pluggable)

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	Product data	EAN	Qty.	Packaging
1742230000	BLZ 5.08/15/225B SN OR BX	PCB plug-in connector, female plug, No. of poles: 15, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190193980	24 pc(s).	Box
1742460000	BLZ 5.08/15/225B SN BK BX	PCB plug-in connector, female plug, No. of poles: 15, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190262891	24 pc(s).	Box

BLL 5.08/180B



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1682860000	BLL 5.08/15/180B 3.2SN OR BX	PCB plug-in connector, female header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 15, 180°, Solder pin length: 3.2 mm, tinned, orange, Box	IEC: 400 V / 23 A UL: 300 V / 15 A	4008190474621	24 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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

Mating connector (conditionally pluggable)

BLZ 5.08/270B



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1560960000	BLZ 5.08/15/270B SN OR BX	PCB plug-in connector, female plug, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12	4008190122065	24 pc(s).	Box

BLL 5.08/90FI



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1843880000	BLL 5.08/15/90FI 3.2SN OR BX	PCB plug-in connector, female header, Inverted flange, Solder connection, 5.08 mm, No. of poles: 15, 90°, Solder pin length: 3.2 mm, tinned, orange, Box	IEC: 400 V / 23 A / UL: 300 V / 15 A	4032248355631	18 pc(s).	Box

**BL/SL 5.08 series
SL-SMT 5.08/15/180G 3.2SN BK BX**

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

Mating connector (conditionally pluggable)
BLZ 5.08/270LR


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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1893900000	BLZ 5.08/15/270LR SN OR BX	PCB plug-in connector, female plug, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248508129	18 pc(s).	Box
1893810000	BLZ 5.08/15/270LR SN BK BX	PCB plug-in connector, female plug, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248508013	18 pc(s).	Box

BLT 5.08LH


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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1892620000	BLT 5.08/15/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4032248506668	18 pc(s).	Box
1890120000	BLT 5.08/15/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4032248498536	18 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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

Mating connector (conditionally pluggable)

BLT 5.08LR



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1890350000	BLT 5.08/15/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4032248498833	18 pc(s).	Box
1894260000	BLT 5.08/15/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4032248508600	18 pc(s).	Box

BLZF 5.08/270B



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1672530000	BLZF 5.08/15/270B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190434243	24 pc(s).	Box
1672760000	BLZF 5.08/15/270B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190434472	24 pc(s).	Box

BL/SL 5.08 series
SL-SMT 5.08/15/180G 3.2SN BK BX

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

Mating connector (conditionally pluggable)

BLZP 5.08/270F SN



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1950440000	BLZP 5.08/15/270F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248628568	18 pc(s).	Box
1950720000	BLZP 5.08/15/270F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248629121	18 pc(s).	Box

BLZ 5.08/180LR



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1893080000	BLZ 5.08/15/180LR SN BK BX	PCB plug-in connector, female plug, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248507221	30 pc(s).	Box
1851330000	BLZ 5.08/15/180LR SN OR BX	PCB plug-in connector, female plug, No. of poles: 15, 180°, Clamping yoke connection, Clamping range,	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248382705	30 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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

Mating connector (conditionally pluggable)

rated connection, max.: 3.31
 mm², Box

BLZF 5.08/180LR



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1851560000	BLZF 5.08/15/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248383016	18 pc(s).	Box
1892850000	BLZF 5.08/15/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248506996	18 pc(s).	Box

BLZ 5.08/180F



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1802960000	BLZ 5.08/15/180F SN OR BX	PCB plug-in connector, female plug, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248258062	30 pc(s).	Box
1803170000	BLZ 5.08/15/180F SN BK BX	PCB plug-in connector, female plug, No. of poles: 15, 180°, Clamping yoke	IEC: 400 V / 19 A / 0.2 - 2.5 mm ²	4032248258277	30 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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

Mating connector (conditionally pluggable)

connection, Clamping range, UL: 300 V / 15 A /
 rated connection, max.: 3.31 AWG 26 - AWG 12
 mm², Box

BLF 5.08/90LR SN



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

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

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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1000540001	BLF 5.08/15/90LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15,0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	IEC: 400 V / 20 A /	4032248690503	18 pc(s).	Box
1002410000	BLF 5.08/15/90LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15,0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	IEC: 400 V / 20 A /	4032248694570	18 pc(s).	Box

BLZP 5.08/180LR SN



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1945190000	BLZP 5.08/15/180LR SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 0.2 - 4 mm ² 15, 180°, Clamping yoke connection, Clamping range,	IEC: 400 V / 19 A / UL: 300 V / 10 A / AWG 26 - AWG 12	4032248620333	27 pc(s).	Box

**BL/SL 5.08 series
SL-SMT 5.08/15/180G 3.2SN BK BX**

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

Mating connector (conditionally pluggable)

rated connection, max.: 4 mm²,

Box

1944960000	BLZP 5.08/15/180LR SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248620043	27 pc(s).	Box
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BLZP 5.08/180LH SN


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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1945420000	BLZP 5.08/15/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248620593	27 pc(s).	Box
1945650000	BLZP 5.08/15/180LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248620920	27 pc(s).	Box

BLZP 5.08/270LH SN


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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1947140000	BLZP 5.08/15/270LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles:	IEC: 400 V / 15.5 A / 0.2 - 4 mm ²	4032248623006	18 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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

Mating connector (conditionally pluggable)

15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm²,
 UL: 300 V / 10 A / AWG 26 - AWG 12
 Box

1947370000	BLZP 5.08/15/270LH SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , UL: 300 V / 10 A / AWG 26 - AWG 12 Box	IEC: 400 V / 15.5 A / 4032248623358	18 pc(s).	Box
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BLZ 5.08/90B



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1556360000	BLZ 5.08/15/90B SN OR BX	PCB plug-in connector, female plug, No. of poles: 15, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190120764	24 pc(s).	Box

BLC 5.08BR



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1712240000	BLC 5.08/15/180BR BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 21 A / UL: 300 V / 10 A / AWG 26 - AWG 14	4008190935252	50 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
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Mating connector (conditionally pluggable)

1649500000	BLC 5.08/15/180BR OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	4008190294618	50 pc(s).	Box
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BLT 5.08F



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1844350000	BLT 5.08/15/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4032248356287	18 pc(s).	Box
1844120000	BLT 5.08/15/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4032248356041	18 pc(s).	Box

BLZP 5.08/180F SN



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1944460000	BLZP 5.08/15/180F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248619030	27 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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 Germany
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 Fax: +49 5231 14-2083
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Mating connector (conditionally pluggable)

1944220000	BLZP 5.08/15/180F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248618804	27 pc(s).	Box
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BLZP 5.08/225B SN



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1946110000	BLZP 5.08/15/225B SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248621675	24 pc(s).	Box
1945880000	BLZP 5.08/15/225B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248621408	24 pc(s).	Box

BLZP 5.08/90F SN



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1949930000	BLZP 5.08/15/90F SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 90°, Clamping yoke connection, Clamping range,	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248627868	18 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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 Klingenbergstraße 16
 D-32758 Detmold
 Germany
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Mating connector (conditionally pluggable)

rated connection, max.: 4 mm²,
 Box

1950170000	BLZP 5.08/15/90F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 4032248628100	18 pc(s).	Box
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BLZ 5.08/270LH



Female headers with clamping yoke screw connection for wire, with 270° 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)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1894020000	BLZ 5.08/15/270LH SN BK BX	PCB plug-in connector, female plug, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248508242	18 pc(s).	Box
1892400000	BLZ 5.08/15/270LH SN OR BX	PCB plug-in connector, female plug, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248506149	18 pc(s).	Box

BLZF 5.08/180LH



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1895850000	BLZF 5.08/15/180LH SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Tension clamp	IEC: 400 V / 17 A / 0.2 - 2.5 mm ²	4032248510672	18 pc(s).	Box

Creation date September 26, 2011 5:08:06 PM CEST

Last update 08.08.2011 / We reserve the right to make technical changes.

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
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Mating connector (conditionally pluggable)

		connection, Clamping range,	UL: 300 V / 15 A /			
		rated connection, max.: 3.31	AWG 26 - AWG 12			
		mm ² , Box				
1893290000	BLZF 5.08/15/180LH SN BK BX	PCB plug-in connector, female	IEC: 400 V / 17 A /	4032248507436	18 pc(s).	Box
		plug, 5.08 mm, No. of poles:	0.2 - 2.5 mm ²			
		15, 180°, Tension clamp	UL: 300 V / 15 A /			
		connection, Clamping range,	AWG 26 - AWG 12			
		rated connection, max.: 3.31				
		mm ² , 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	Product data	EAN	Qty.	Packaging
1803460000	BLZF 5.08/15/180F SN OR BX	PCB plug-in connector, female	IEC: 400 V / 17 A /	4032248258864	18 pc(s).	Box
		plug, 5.08 mm, No. of poles:	0.2 - 2.5 mm ²			
		15, 180°, Tension clamp	UL: 300 V / 15 A /			
		connection, Clamping range,	AWG 26 - AWG 12			
		rated connection, max.: 3.31				
		mm ² , Box				
1803690000	BLZF 5.08/15/180F SN BK BX	PCB plug-in connector, female	IEC: 400 V / 17 A /	4032248259090	18 pc(s).	Box
		plug, 5.08 mm, No. of poles:	0.2 - 2.5 mm ²			
		15, 180°, Tension clamp	UL: 300 V / 15 A /			
		connection, Clamping range,	AWG 26 - AWG 12			
		rated connection, max.: 3.31				
		mm ² , Box				

**BL/SL 5.08 series
SL-SMT 5.08/15/180G 3.2SN BK BX**

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

Mating connector (conditionally pluggable)
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.

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1000770001	BLF 5.08/15/90LH SN BK BX	PCB plug-in connector, female	IEC: 400 V / 20 A / plug, 5.08 mm, No. of poles: 15, 0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	4032248690961	18 pc(s).	Box
1002610000	BLF 5.08/15/90LH SN OR BX	PCB plug-in connector, female	IEC: 400 V / 20 A / plug, 5.08 mm, No. of poles: 15, 0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	4032248694983	18 pc(s).	Box

BLZ 5.08/180LH


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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1893730000	BLZ 5.08/15/180LH SN BK BX	PCB plug-in connector, female plug, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248507917	30 pc(s).	Box
1892320000	BLZ 5.08/15/180LH SN OR BX	PCB plug-in connector, female plug, No. of poles: 15, 180°, Clamping yoke connection, Clamping range,	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4032248505722	30 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
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Mating connector (conditionally pluggable)

rated connection, max.: 3.31
 mm², Box

BLF 5.08/90F SN



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

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

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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1002220000	BLF 5.08/15/90F SN OR BX	PCB plug-in connector, female	IEC: 400 V / 20 A / plug, 5.08 mm, No. of poles: 15,0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	4032248694372	18 pc(s).	Box
1000350001	BLF 5.08/15/90F SN BK BX	PCB plug-in connector, female	IEC: 400 V / 20 A / plug, 5.08 mm, No. of poles: 15,0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	4032248690312	18 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
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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	Product data	EAN	Qty.	Packaging
1648920000	BLL 5.08/15/180 3.2 SN OR BX	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 15, 180°, Solder pin length: 3.2 mm, tinned, orange, Box	IEC: 400 V / 23 A UL: 300 V / 15 A	4008190293406	24 pc(s).	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	Product data	EAN	Qty.	Packaging
1943710000	BLZP 5.08/15/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248617722	27 pc(s).	Box
1943940000	BLZP 5.08/15/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248618088	27 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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

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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.

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1001660000	BLF 5.08/15/90 SN OR BX	PCB plug-in connector, female	IEC: 400 V / 20 A / plug, 5.08 mm, No. of poles: 15,0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	4032248693467	24 pc(s).	Box
1000160001	BLF 5.08/15/90 SN BK BX	PCB plug-in connector, female	IEC: 400 V / 20 A / plug, 5.08 mm, No. of poles: 15,0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box	4032248690114	24 pc(s).	Box

BLT 5.08



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1500810000	BLT 5.08/15/180 SN BK BX	PCB plug-in connector, female	IEC: 400 V / 17 A / plug, 5.08 mm, No. of poles: 0.2 - 2.5 mm ² 15, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190861810	24 pc(s).	Box
1500860000	BLT 5.08/15/180 SN OR BX	PCB plug-in connector, female	IEC: 400 V / 17 A / plug, 5.08 mm, No. of poles: 0.2 - 2.5 mm ² 15, 180°, TOP connection, AWG 26 - AWG 14	4008190000097	24 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
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Mating connector (fully pluggable)

Clamping range, rated
 connection, max.: 2.5 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	Product data	EAN	Qty.	Packaging
1558610000	BLZ 5.08/15/270 SN BK BX	PCB plug-in connector, female plug, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190269555	24 pc(s).	Box
1558660000	BLZ 5.08/15/270 SN OR BX	PCB plug-in connector, female plug, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190151560	24 pc(s).	Box

BL 5.08



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

- 0.2 - 1.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1716450000	BL 5.08/15/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	4008190376499	50 pc(s).	Box
1716600000	BL 5.08/15/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Leaf spring	IEC: 400 V / 14 A / 0.2 - 1.5 mm ²	4008190376673	50 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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

Mating connector (fully pluggable)

connection, Clamping range, UL: 300 V / 10 A /
 rated connection, max.: 2.08 AWG 26 - AWG 14
 mm², 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	Product data	EAN	Qty.	Packaging
1742000000	BLZ 5.08/15/225 SN BK BX	PCB plug-in connector, female plug, No. of poles: 15, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190132248	24 pc(s).	Box
1741770000	BLZ 5.08/15/225 SN OR BX	PCB plug-in connector, female plug, No. of poles: 15, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190079543	24 pc(s).	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	Product data	EAN	Qty.	Packaging
1712090000	BLC 5.08/15/180R BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	4008190935108	50 pc(s).	Box
1610620000	BLC 5.08/15/180R OR BX	PCB plug-in connector, female plug, 5.08 mm, No.	IEC: 400 V / 21 A	4008190076801	50 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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 Klingenbergstraße 16
 D-32758 Detmold
 Germany
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Mating connector (fully pluggable)

of poles: 15, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm², Box
 UL: 300 V / 10 A / AWG 26 - AWG 14

BLZ 5.08/180



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1527760000	BLZ 5.08/15/180 SN OR BX	PCB plug-in connector, female plug, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4008190065782	30 pc(s).	Box
1527710000	BLZ 5.08/15/180 SN BK BX	PCB plug-in connector, female plug, No. of poles: 15, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4008190287740	30 pc(s).	Box

BLZP 5.08/225 SN



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1946690000	BLZP 5.08/15/225 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248622467	24 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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

Mating connector (fully pluggable)

1946380000	BLZP 5.08/15/225 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 17.5 A / 4032248622153 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	24 pc(s).	Box
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BLL 5.08/90



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1648440000	BLL 5.08/15/90 3.2 SN OR BX	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 15, 90°, Solder pin length: 3.2 mm, tinned, orange, Box	IEC: 400 V / 23 A UL: 300 V / 15 A	4008190292911	24 pc(s).	Box

BLZF 5.08/90



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1671150000	BLZF 5.08/15/90 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 4008190432843 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190432843	24 pc(s).	Box
1670920000	BLZF 5.08/15/90 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 90°, Tension clamp connection, Clamping range,	IEC: 400 V / 16.5 A / 4008190432522 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190432522	24 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

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 Klingenbergstraße 16
 D-32758 Detmold
 Germany
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Mating connector (fully pluggable)

rated connection, max.: 3.31
 mm², Box

BLZF 5.08/180



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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1707590000	BLZF 5.08/15/180 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4008190950255	24 pc(s).	Box
1707820000	BLZF 5.08/15/180 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	4008190316822	24 pc(s).	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	Product data	EAN	Qty.	Packaging
1672070000	BLZF 5.08/15/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190433789	24 pc(s).	Box
1672300000	BLZF 5.08/15/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 270°, Tension clamp	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ²	4008190434014	24 pc(s).	Box

BL/SL 5.08 series SL-SMT 5.08/15/180G 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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 Germany
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Mating connector (fully pluggable)

connection, Clamping range, UL: 300 V / 10 A /
 rated connection, max.: 3.31 AWG 26 - AWG 12
 mm², 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	Product data	EAN	Qty.	Packaging
1949150000	BLZP 5.08/15/270 SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248626601	24 pc(s).	Box
1948920000	BLZP 5.08/15/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 15, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4032248626373	24 pc(s).	Box

BLZ 5.08/90

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

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

General ordering data

Order No.	Type	Version	Product data	EAN	Qty.	Packaging
1554010000	BLZ 5.08/15/90 SN BK BX	PCB plug-in connector, female plug, No. of poles: 15, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	4008190267841	24 pc(s).	Box

Datasheet

BL/SL 5.08 series
SL-SMT 5.08/15/180G 3.2SN BK BX

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

Mating connector (fully pluggable)

1554060000	BLZ 5.08/15/90 SN OR BX	PCB plug-in connector, female IEC: 400 V / 15 A / 4008190095291 24 pc(s). plug, No. of poles: 15, 90°, 0.2 - 2.5 mm ² Clamping yoke connection, UL: 300 V / 10 A / Clamping range, rated AWG 26 - AWG 12 connection, max.: 3.31 mm ² , Box	Box
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