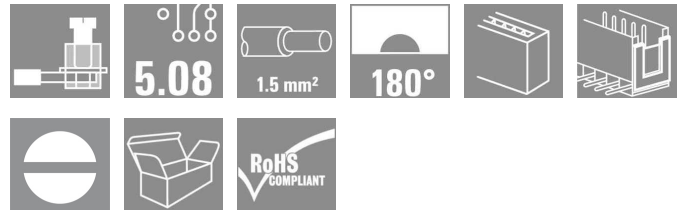


## OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/12/180B SN OR BX

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



Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

### General ordering data

Type	SLS 5.08/12/180B SN OR BX
Order No.	<a href="#">1627340000</a>
Version	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box
GTIN (EAN)	4008190199852
Qty.	50 pc(s).
Product data	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 14 A / AWG 26 - AWG 12
Packaging	Box

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Technical data****Dimensions and weights**

Net weight	18.03 g
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**System parameters**

Product family	OMNIMATE Signal - series BL/SL 5.08	Wire connection method	Clamping yoke connection
Conductor outlet direction	180°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	12
Screwdriver blade	0.6 x 3.5	Screwdriver blade standard	DIN 5264-A
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5	Stripping length	7 mm
L1 in mm	55.88 mm	L1 in inches	2.2 inch
Touch-safe protection acc. to DIN VDE 57 106	Finger-safe plugged/ back-of-hand-safe unplugged		

**Material data**

Insulating material	PBT	Colour	Orange
Colour chart (similar)	RAL 2000	UL 94 flammability rating	V-0
CTI	≥ 200	Contact material	CuSn
Contact surface	tinned	Operating temperature, min.	-50 °C
Operating temperature, max.	100 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	100 °C		

**Connectable conductors**

Clamping range, rated connection, min.	0.13 mm <sup>2</sup>	Clamping range, rated connection, max.	3.31 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>	Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>	Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm <sup>2</sup>	w. wire end ferrule, DIN 46228 pt 1, max.	2.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm <sup>2</sup>	w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm <sup>2</sup>
Plug gauge acc. to EN 60999 a x b; Ø	2.8 mm x 2.0 mm; 2.4 mm		

**Rating data acc. to IEC 60664-1 / IEC 61984**

Rated current, min. no. of poles (Tu=20°C)	21.5 A	Rated current, max. no. of poles (Tu=20°C)	16 A
Rated current, number of poles (Tu=40°C), min	18 A	Rated current, number of poles (Tu=40°C), max.	14 A
Rated voltage for surge voltage class / pollution degree II/2	400 V	Rated voltage for surge voltage class / pollution degree III/2	320 V
Rated voltage for surge voltage class / pollution degree III/3	250 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	4 kV
Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV	Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV
Short-time withstand current resistance	3 x 1s with 120 A		


**Data sheet**

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**


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**Technical data**

**CSA rating data**

Institute (CSA)		Certificate No. (CSA)	
		200039-1121690	
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
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 12

**UL 1059 rating data**

Institute (UR)		Certificate No. (UR)	
		E60693	
Rated voltage (use group B)	300 V	Rated current (use group B)	14 A
Rated voltage (use group D)	300 V	Rated current (use group D)	10 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 12

**Classifications**

ETIM 3.0	EC001284	UNSPSC	30-21-18-10
eClass 5.1	27-26-07-04	eClass 6.2	27-26-07-04
eClass 7.1	27-44-04-02		

**Notes**

- Notes
- Additional colours on request
  - Rated current related to rated cross-section & min. No. of poles.
  - Wire end ferrule without plastic collar to DIN 46228/1
  - Wire end ferrule with plastic collar to DIN 46228/4
  - 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**

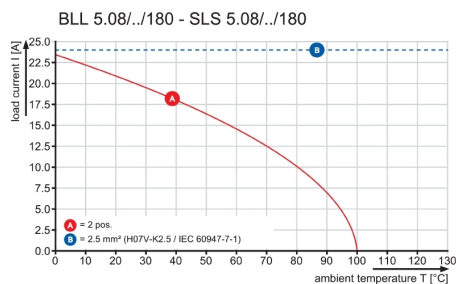
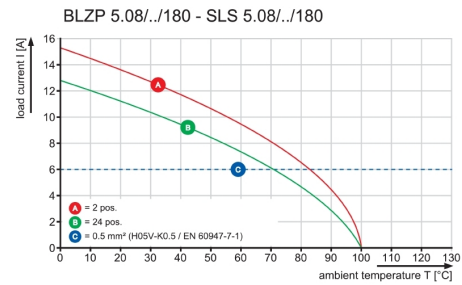
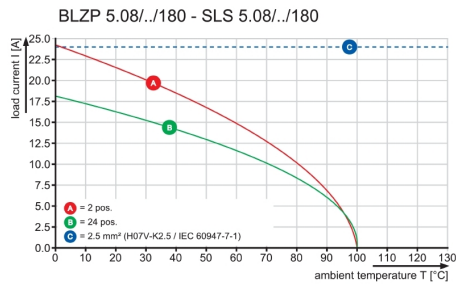
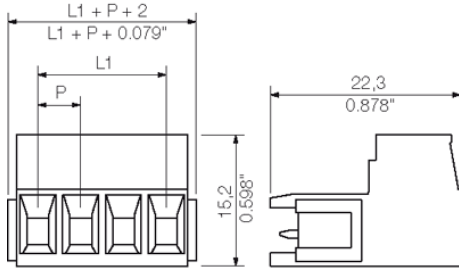
Approvals	
ROHS	Conform

**Data sheet**

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Drawings**



## OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/12/180B SN OR BX

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### Mating connector (conditionally pluggable)

#### BLZP 5.08/270LH SN



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

- 0.2 – 2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

#### General ordering data

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2014-05-20	BLZP 5.08/12/270LH SN BK BX	<a href="#">1947340000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248623327	24 pc(s).	IEC: 400 V / 15.5 A / 0.2 - - 4 mm <sup>2</sup> UL: 300 V / 15 A / 30 AWG -
2014-05-20	BLZP 5.08/12/270LH SN OR BX	<a href="#">1947110000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248622979	24 pc(s).	IEC: 400 V / 15.5 A / 0.2 - - 4 mm <sup>2</sup> UL: 300 V / 15 A / 30 AWG -

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**

 AWG  
12

**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 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08HC/12/180LR SN OR BX	<a href="#">1890320000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4032248498802	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 13 A / AWG 26 - AWG 14	Box
BLT 5.08HC/12/180LR SN BK BX	<a href="#">1894230000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4032248508570	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 13 A / AWG 26 - AWG 14	Box

**BLL 5.08/90**


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

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

**General ordering data**

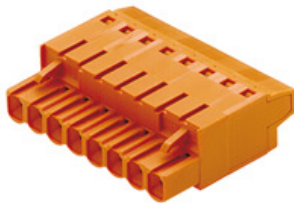
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLL 5.08/12/90 3.2 SN OR BX	<a href="#">1623040000</a>	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190194093	30 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

## OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/12/180B SN OR BX

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### Mating connector (conditionally pluggable)

#### BLT 5.08



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

#### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08HC/12/180 SN BK BX	<a href="#">1500510000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190861780	30 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 13 A / AWG 26 - AWG 14	Box
BLT 5.08HC/12/180 SN OR BX	<a href="#">1500560000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190006761	30 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 13 A / AWG 26 - AWG 14	Box

#### BLIDC 5.08



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

- 0.35 - 0.75 mm<sup>2</sup> (IEC) / 22 - 20 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 5 A (UL)

#### General ordering data

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2011-06-30	BLIDC 5.08/12/180 SN OR BX	<a href="#">1725040000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, IDC terminal, Clamping range, rated connection, max.: 0.75 mm <sup>2</sup> , Box	4008190377380	50 pc(s).	IEC: 400 V / 11 A / 0.5 - 0.75 mm <sup>2</sup> UL: 300

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**

V /  
5  
A /  
AWG  
22  
-  
AWG  
20

**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**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/12/90F SN OR BX	<a href="#">1002190000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248694341	24 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
BLF 5.08HC/12/90F SN BK BX	<a href="#">1000320001</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248690282	24 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**
**BLZF 5.08/180F**


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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

**General ordering data**

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/12/180F SN OR BX	<a href="#">1803430000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248258833	24 pc(s).
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/12/180F SN BK BX	<a href="#">1803660000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248259069	24 pc(s).

**BLZF 5.08/270**


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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

**General ordering data**

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2011-09-30T00:00:00	BLZF 5.08/270 SN BK BX	<a href="#">1672270000</a>	PCB plug-in connector, female plug, 5.08 mm,	4008190433987	30 pc(s).	IEC: 400 V /

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**

No. of poles: 12,	16.5
270°, Tension	A /
clamp connection,	0.2
Clamping range,	-
rated connection,	2.5
max.: 3.31 mm <sup>2</sup> ,	mm <sup>2</sup>
Box	UL:

300
V /
10
A /
AWG
26
-
AWG
12

This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/12/270 SN OR BX	<a href="#">1672040000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190433758	30 pc(s).
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**BLZP 5.08/90F SN**



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

- 0.2 – 2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/12/90F SN BK BX	<a href="#">1950140000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248628070	24 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/12/90F SN OR BX	<a href="#">1949900000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, Clamping yoke connection, Clamping	4032248627837	24 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**

range, rated connection,  
max.: 4 mm<sup>2</sup>, 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 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

**General ordering data**

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/12/180 SN OR BX	<a href="#">1707560000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190950224	30 pc(s).
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/12/180 SN BK BX	<a href="#">1707790000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190316792	30 pc(s).

**OMNIMATE Signal - series BL/SL 5.08  
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**Mating connector (conditionally pluggable)**
**BLT 5.08F**


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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08HC/12/180F SN OR BX	<a href="#">1844090000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4032248356010	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 13 A / AWG 26 - AWG 14	Box
BLT 5.08HC/12/180F SN BK BX	<a href="#">1844320000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4032248356256	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 13 A / AWG 26 - AWG 14	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**

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2014-05-20	BLF508HC/12/180/90LH SN OR BX	<a href="#">1002580000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, PUSH IN	4032248694952	24 pc(s).	IEC: 400 V / 24 A /

**Data sheet**

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR 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 (conditionally pluggable)**

spring connection,	0.2
Clamping range,	-
rated connection,	2.5
max.: 3.31 mm <sup>2</sup> ,	mm <sup>2</sup>
Box	UL:
	300
	V /
	18.5
	A /
	AWG
	26
	-
	AWG
	12

BLF	<a href="#">1000740001</a>	PCB plug-in connector,	4032248690930 24 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm <sup>2</sup>	Box
5.08HC/12/90LH		female plug, 5.08 mm, No.		UL: 300 V / 18.5 A / AWG 26 - AWG	
SN BK BX		of poles: 12, 90°, PUSH		12	
		IN spring connection,			
		Clamping range, rated			
		connection, max.: 3.31			
		mm <sup>2</sup> , Box			

**BLZ 5.08/180LH**



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

**General ordering data**

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	BLZ 5.08/12/180LH SN BK BX	<a href="#">1893700000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248507887	24 pc(s).
This article will no longer be available in the future.	BLZ 5.08/12/180LH SN OR BX	<a href="#">1892290000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection,	4032248505692	24 pc(s).

## OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/12/180B SN OR BX

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### Mating connector (conditionally pluggable)

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

#### 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

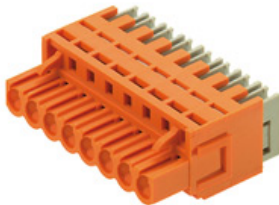
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/12/90 SN BK BX	<a href="#">1000130001</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248690084	30 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
BLF 5.08HC/12/90 SN OR BX	<a href="#">1001630000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248693436	30 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

## OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/12/180B SN OR BX

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### Mating connector (conditionally pluggable)

#### BLIDC 5.08B



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

- 0.35 - 0.75 mm<sup>2</sup> (IEC) / 22 - 20 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 5 A (UL)

#### General ordering data

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2011-06-30	BLIDC 5.08/12/180B SN OR BX	<a href="#">1759600000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, IDC terminal, Clamping range, rated connection, max.: 0.75 mm <sup>2</sup> , Box	4032248069835	50 pc(s).	IEC: 400 V / 11 A / 0.5 mm <sup>2</sup> UL: 300 V / 5 A / 0.75 mm <sup>2</sup> AWG: 22 - 20

#### BLZP 5.08/180F SN



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/12/180F SN BK BX	<a href="#">1944430000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection,	4032248619009	24 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**

		Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box		
BLZP <a href="#">1944190000</a> 5.08HC/12/180F SN OR BX		PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248618774 24 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12

**BLZ 5.08/180**



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

**General ordering data**

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future. 2015-12-31T00:00:00+01:00	BLZ 5.08/12/180 SN BK BX	<a href="#">1527410000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190287801	40 pc(s).
This article will no longer be available in the future. 2015-12-31T00:00:00+01:00	BLZ 5.08/12/180 SN OR BX	<a href="#">1527460000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190121648	40 pc(s).

## OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/12/180B SN OR BX

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### Mating connector (conditionally pluggable)

#### BL 5.08



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

- 0.2 - 1.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

#### General ordering data

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BL 5.08/12/180 SN OR BX	<a href="#">1716420000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm <sup>2</sup> , Box	4008190376468	50 pc(s).
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BL 5.08/12/180 SN DKG BX	<a href="#">1723930000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm <sup>2</sup> , Box	4008190376291	50 pc(s).
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BL 5.08/12/180 SN BK BX	<a href="#">1716570000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm <sup>2</sup> , Box	4008190376642	50 pc(s).

## OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/12/180B SN OR 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.

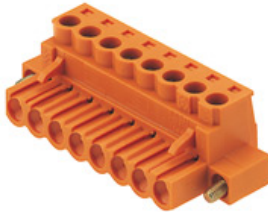
- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

#### General ordering data

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/12/180LH SN OR BX	<a href="#">1895820000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248510641	24 pc(s).
	2011-09-30T00:00:00+01:00	BLZF 5.08/12/180LH SN BK BX	<a href="#">1893260000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	403224850740524	24 pc(s).
						IEC: 400 V / 17 A / 0.2 mm <sup>2</sup> UL: 300 V / 15 A / 26 AWG -

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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


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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

**General ordering data**

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	BLZ 5.08/12/180F SN OR BX	<a href="#">1802930000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248258017	24 pc(s).
This article will no longer be available in the future.	BLZ 5.08/12/180F SN BK BX	<a href="#">1803140000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248258246	24 pc(s).

**BLZP 5.08/225 SN**


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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/12/225 SN BK BX	<a href="#">1946660000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 225°, Clamping yoke connection,	4032248622436	30 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**

		Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box		
BLZP 5.08HC/12/225 SN OR BX	<a href="#">1946350000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	403224862212230 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12

**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**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLL 5.08/12/90FI 3.2SN OR BX	<a href="#">1843850000</a>	PCB plug-in connector, female header, Inverted flange, Solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4032248355600	24 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

**BLZP 5.08/180LH SN**


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

- 0.2 – 2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/12/180LH SN OR BX	<a href="#">1945390000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated	4032248620562	24 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box

Creation date October 15, 2014 12:37:47 PM CEST

## OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/12/180B SN OR BX

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### Mating connector (conditionally pluggable)

	connection, max.: 4 mm <sup>2</sup> , Box			
2014-05-20	BLZP 5.08/12/180LH SN BK BX	<a href="#">1945620000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	403224862079124 pc(s). IEC: 400 V / 19 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12

### 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 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/12/180LR SN BK BX	<a href="#">1945160000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248620302	24 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/12/180LR SN OR BX	<a href="#">1944930000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248620005	24 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**
**BLL 5.08/180**


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

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

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLL 5.08/12/180 3.2 SN OR BX	<a href="#">1630810000</a>	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190204242	30 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

**BLT 5.08LH**


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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08HC/12/180LH SN OR BX	<a href="#">1890090000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4032248498505	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 13 A / AWG 26 - AWG 14	Box
BLT 5.08HC/12/180LH SN BK BX	<a href="#">1892590000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4032248506637	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 13 A / AWG 26 - AWG 14	Box

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**
**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 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/12/180 SN OR BX	<a href="#">1943680000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248617692	36 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/12/180 SN BK BX	<a href="#">1943910000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248618040	36 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**BLZF 5.08/90**


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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

**General ordering data**

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/12/90 SN OR BX	<a href="#">1670890000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190432492	30 pc(s).

**Data sheet**

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**

2014-06-23	BLZ 5.08/12/180B SN BK BX	<a href="#">1671120000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190432805 30 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 10 A / AWG 26 - 12
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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 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

**General ordering data**

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2011-09-30	BLZ 5.08/12/180B SN BK BX	<a href="#">1741970000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190273774 30 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 10 A / AWG 26 - 12

## OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/12/180B SN OR BX

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 www.weidmueller.com

### Mating connector (conditionally pluggable)

This article will 2015-12-31T00:00:00+01:00  
 no longer be  
 available in the  
 future.

BLZ 5.08/12/225 SN OR [1741740000](#)  
 BX

PCB plug-in 4008190224776 30  
 connector, female pc(s).  
 plug, 5.08 mm,  
 No. of poles: 12,  
 225°, Clamping  
 yoke connection,  
 Clamping range,  
 rated connection,  
 max.: 3.31 mm<sup>2</sup>,  
 Box

### BLZP 5.08/270LR SN



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

- 0.2 – 2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/12/270LR SN OR BX	<a href="#">1947630000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248624027	24 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/12/270LR SN BK BX	<a href="#">1947860000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248624355	24 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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


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

- 0.2 – 2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/12/270 SN BK BX	<a href="#">1949120000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248626571	30 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/12/270 SN OR BX	<a href="#">1948890000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248626342	30 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - 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 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 14 A (IEC) / 10 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLDT 5.08/12/- SN OR BX	<a href="#">1644830000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190284046	25 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 10 A / AWG 26 - AWG 12	Box
BLDT 5.08/12/- SN BK BX	<a href="#">1660810000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping	4008190417260	25 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 10 A / AWG 26 - AWG 12	Box

Creation date October 15, 2014 12:37:47 PM CEST

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**

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

**BLC 5.08R**


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

- 0.25 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21 A (IEC) / 10 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLC 5.08/12/180R BK BX	<a href="#">1712060000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190935078	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
BLC 5.08/12/180R OR BX	<a href="#">1610590000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190074197	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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


Just as reliable as the tried-and-tested original, with innovation in detail: the BLF 5.08, 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**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/12/90LR SN BK BX	<a href="#">1000510001</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248690473	24 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
BLF 5.08HC/12/90LR SN OR BX	<a href="#">1002380000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248694549	24 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

**BLZP 5.08/270F SN**


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

- 0.2 – 2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/12/270F SN OR BX	<a href="#">1950410000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°.	4032248628537	24 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box

## OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/12/180B SN OR BX

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### Mating connector (conditionally pluggable)

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

BLZP <a href="#">1950690000</a> 5.08HC/12/270F SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248628995 24 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box
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### BLZ 5.08/270



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

### General ordering data

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future. 2015-12-31T00:00:00+01:00	BLZ 5.08/12/270 SN BK BX	<a href="#">1558310000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190269524	30 pc(s).
This article will no longer be available in the future. 2015-12-31T00:00:00+01:00	BLZ 5.08/12/270 SN OR BX	<a href="#">1558360000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190077426	30 pc(s).

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR 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 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

**General ordering data**

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	BLZ 5.08/12/180LR SN OR BX	<a href="#">1851300000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248382675	24 pc(s).
This article will no longer be available in the future.	BLZ 5.08/12/180LR SN BK BX	<a href="#">1893050000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248507191	24 pc(s).

**BLZ 5.08/90**



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	BLZ 5.08/12/90 SN OR BX	<a href="#">1553760000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12,	4008190157357	30 pc(s).

**Data sheet**

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**

90°, Clamping  
yoke connection,  
Clamping range,  
rated connection,  
max.: 3.31 mm<sup>2</sup>,  
Box

This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZ 5.08/12/90 SN BK BX <a href="#">1553710000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190267810	30 pc(s).
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**BLZF 5.08/180LR**



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

**General ordering data**

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2014-06-23T00:00:00+01:00	BLZF 5.08/180LR SN BK BX	<a href="#">1892820000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	403224850696524	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / 26 AWG
This article will no longer be available in the future.	BLZF 5.08/12/180LR SN OR BX	<a href="#">1851520000</a>	PCB plug-in connector, female plug, 5.08 mm,	4032248382989	24 pc(s).	12

Creation date October 15, 2014 12:37:47 PM CEST

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (conditionally pluggable)**

available in the  
future.

No. of poles: 12,  
180°, Tension  
clamp connection,  
Clamping range,  
rated connection,  
max.: 3.31 mm<sup>2</sup>,  
Box

## OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/12/180B SN OR BX

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### Mating connector (fully pluggable)

#### 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 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2009-12-31	BLZ 5.08/12/180B SN BK BX	<a href="#">1529710000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190087807	40 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / 26 AWG - 12 AWG
This article will no longer be available in the future.	2015-12-31	BLZ 5.08/12/180B SN OR BX	<a href="#">1529760000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190099862	40 pc(s).

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (fully pluggable)**
**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 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/12/180B SN DKGX BX	<a href="#">1529750000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190290399	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm <sup>2</sup> 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**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLL 5.08/12/180B 3.2SN OR BX	<a href="#">1682830000</a>	PCB plug-in connector, female header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190474591	24 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (fully pluggable)**

**BLZ 5.08/90B**



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	BLZ 5.08/12/90B SN OR BX	<a href="#">1556060000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190058074	24 pc(s).

**BLDT 5.08B**



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 14 A (IEC) / 10 A (UL)

**General ordering data**

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2014-05-20	BLDT 5.08/14-B SN BK BX	<a href="#">1673880000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	400819043561520	20 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 10 A

**Data sheet**

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (fully pluggable)**

BLDT	<a href="#">1651840000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190400521 20 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 10 A / AWG 26 - AWG 12	A / AWG 26 - AWG 12 Box
5.08/12/-B SN OR BX					

**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 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

**General ordering data**

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/12/180B SN OR BX	<a href="#">1708400000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190317522	24 pc(s).

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (fully pluggable)**

**BLZ 5.08/225B**



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

**General ordering data**

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZ 5.08/12/225B SN BK BX	<a href="#">1742430000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248049837	24 pc(s).
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZ 5.08/12/225B SN OR BX	<a href="#">1742200000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190247959	24 pc(s).

**BLZF 5.08/270B**



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

**General ordering data**

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2011-09-30T00:00:00	BLZF 5.08/270B SN BK BX	<a href="#">1672730000</a>	PCB plug-in connector, female plug, 5.08 mm,	4008190434441	124 pc(s).	IEC: 400 V /

**Data sheet**

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (fully pluggable)**

No. of poles: 12,	16.5
270°, Tension	A /
clamp connection,	0.2
Clamping range,	-
rated connection,	2.5
max.: 3.31 mm <sup>2</sup> ,	mm <sup>2</sup>
Box	UL:
	300
	V /
	10
	A /
	AWG
	26
	-
	AWG
	12

This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/12/270B SN	<a href="#">1672500000</a>	PCB plug-in	4008190434212	24
		OR BX		connector, female plug, 5.08 mm, No. of poles: 12, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box		pc(s).

**BLZ 5.08/270B**



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2009-12-31T00:00:00+01:00	BLZF 5.08/12/270B SN BK BX	<a href="#">1560610000</a>	PCB plug-in	4008190269777	24 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V /

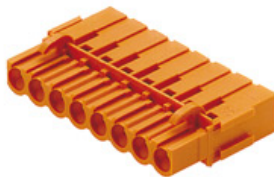
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### Mating connector (fully pluggable)

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						10 A / AWG 26 - AWG 12

### BLC 5.08BR



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

- 0.25 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21 A (IEC) / 10 A (UL)

### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLC 5.08/12/180BR OR BX	<a href="#">1649470000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190294588	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
2014-05-20T08:00:00+02:00	<a href="#">1712210000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190935221	150 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box

**OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (fully pluggable)**

AWG  
14

**BLZP 5.08/225B SN**



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

- 0.2 – 2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/12/225B SN OR BX	<a href="#">1945850000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box	4032248621378	24 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm <sup>2</sup> UL: 300 V / 15 A / AWG 30 - AWG 12	Box

**BLZF 5.08/90B**



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

**General ordering data**

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	BLZF 5.08/12/90B SN OR BX	<a href="#">1671350000</a>	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190433055	24 pc(s).
This article will no longer be available in the future.	BLZF 5.08/12/90B SN BK BX	<a href="#">1671580000</a>	PCB plug-in connector, female plug, 5.08 mm,	4008190433284	24 pc(s).

**Data sheet****OMNIMATE Signal - series BL/SL 5.08  
SLS 5.08/12/180B SN OR BX**

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**Mating connector (fully pluggable)**

available in the  
future.

No. of poles: 12,  
90°, Tension  
clamp connection,  
Clamping range,  
rated connection,  
max.: 3.31 mm<sup>2</sup>,  
Box

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