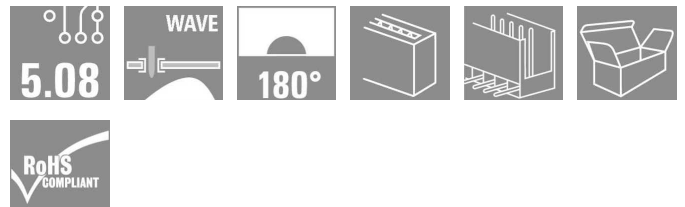
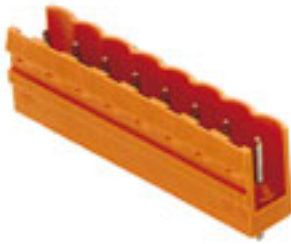


OMNIMATE Signal - series BL/SL 5.08
SL 5.08/12/180 3.2SN OR BX

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



Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

Type	SL 5.08/12/180 3.2SN OR BX
Order No.	1518260000
Version	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box
GTIN (EAN)	4008190070991
Qty.	50 pc(s).
Product data	IEC: 400 V / 18 A UL: 300 V / 15 A
Packaging	Box

Creation date September 9, 2013 5:10:27 AM CEST

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Technical data

Dimensions and weights

Net weight	4.3 g
------------	-------

System parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Mounting onto the PCB	Solder connection
Outgoing elbow	180°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	12
Solder pin length (l)	3.2 mm	Pin dimensions	d = 1.2 mm, Octagonal
Can be coded	Yes	Number of solder pins per pole	1
Solder eyelet hole diameter (D)	1.3 mm	Solder eyelet hole diameter tolerance (D)+ 0,1 mm	
L1 in mm	55.88 mm	L1 in inches	2.2 inch
Insulation resistance	> 10 ⁶ mΩ	Touch-safe protection acc. to DIN VDE 0470	IP20 plugged
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch, plugged		

Material data

Insulating material	PBT	Colour	Orange
Insulating material group	IIIa	UL 94 flammability rating	V-0
CTI	≥ 200	Contact material	CuSn
Contact surface	tinned	Max. relative humidity during storage	80 %

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	18 A	Rated current, max. no. of poles (Tu=20°C)	14.5 A
Rated current, number of poles (Tu=40°C), min	15 A	Rated current, number of poles (Tu=40°C), max.	12 A
Rated voltage for surge voltage class pollution degree III/3	250 V	Rated impulse voltage for surge voltage classcontamination degree III/3	4 kV
Rated voltage for surge voltage class pollution degree III/2	320 V	Rated impulse voltage for surge voltage classpollution degree III/2	4 kV
Rated voltage for surge voltage class pollution degree II/2	400 V	Rated impulse voltage for surge voltage classpollution degree II/2	4 kV
Short-time withstand current resistance	3 x 1s with 120 A		

CSA rating data

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

UL 1059 rating data

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

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Technical data

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
 - Gold-plated contact surfaces on request
 - Rated current related to rated cross-section & min. No. of poles.
 - P on drawing = pitch
 - Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Approvals

Approvals



ROHS

Conform

OMNIMATE Signal - series BL/SL 5.08
SL 5.08/12/180 3.2SN OR BX**Weidmüller Interface GmbH & Co. KG**

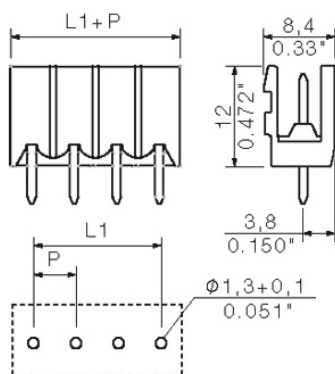
Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com**Drawings**

OMNIMATE Signal - series BL/SL 5.08

SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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

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

BLZ 5.08/90B



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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/12/90B SN OR BX	1556060000	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 ² , Box	4008190058074	24 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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

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

BLZP 5.08/270LR SN



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

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

General ordering data

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

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZF 5.08/12/270B SN OR BX	1672500000	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 ² , Box	4008190434212 24 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
BLZF 5.08/12/270B SN BK BX	1672730000	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 ² , Box	4008190434441 24 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLZ 5.08/180LR



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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/12/180LR SN BK BX	1893050000	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 ² , Box	4032248507191 24 pc(s).		IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZ 5.08/12/180LR SN OR BX	1851300000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°,	4032248382675 24 pc(s).		IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08

SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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

ZZ_Varianten



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ	1529750000	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 ² , Box	4008190290399	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
5.08/12/180B						
SN DKGN BX						

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ	1560610000	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 ² , Box	4008190269777	24 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
5.08/12/270B						
SN BK BX						
BLZ	1560660000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated	4008190049034	24 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
5.08/12/270B						
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

connection, max.: 3.31
mm², Box

BLZP 5.08/180LH SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08/12/180LH SN BK BX	1945620000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620791	24 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08/12/180LH SN OR BX	1945390000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620562	24 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLDT 5.08B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLDT 5.08/12/-B SN OR BX	1651840000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190400521	20 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

BLDT	1673880000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190435615 50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
5.08/12/-B					
SN BK BX					

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	1000320001	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 ² , Box	4032248690282 24 pc(s).		IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
5.08HC/12/90F						
SN BK BX						
BLF	1002190000	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 ² , Box	4032248694341 24 pc(s).		IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
5.08HC/12/90F						
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08

SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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	1843850000	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

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/12/180LH SN BK BX	1893700000	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 ² , Box	4032248507887	24 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZ 5.08/12/180LH SN OR BX	1892290000	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 ² , Box	4032248505692	24 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08

SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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	1682830000	PCB plug-in connector,	4008190474591	24 pc(s).	IEC: 400 V / 23 A	Box
5.08/12/180B		female header, Dovetails			UL: 300 V / 15 A	
3.2SN OR BX		for fixing blocks, Solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZF	1893260000	PCB plug-in connector,	4032248507405	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ²	Box
5.08/12/180LH		female plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN BK BX		No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				
BLZF	1895820000	PCB plug-in connector,	4032248510641	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ²	Box
5.08/12/180LH		female plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08/12/270F SN BK BX	1950690000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628995	24 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08/12/270F SN OR BX	1950410000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628537	24 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLZP 5.08/90F 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

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

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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

BLZF 5.08/90B



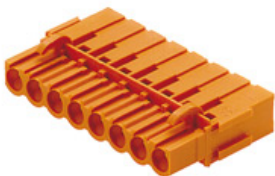
Female plugs with tension-clamp wire connection system. The female plugs provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZF 5.08/12/90B SN OR BX	1671350000	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 ² , Box	4008190433055	24 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
BLZF 5.08/12/90B SN BK BX	1671580000	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 ² , Box	4008190433284	24 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLC 5.08BR



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLC 5.08/12/180BR OR BX	1649470000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190294588	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 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

BLC	1712210000	PCB plug-in connector,	4008190935221 50 pc(s).	IEC: 400 V / 21 A	Box
5.08/12/180BR		female plug, 5.08 mm, No.		UL: 300 V / 10 A / AWG 26 - AWG 14	
BK BX		of poles: 12, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box			

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	1000510001	PCB plug-in connector,	4032248690473 24 pc(s).		IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
5.08HC/12/90LR		female plug, 5.08 mm, No.			UL: 300 V / 18.5 A / AWG 26 - AWG 12	
SN BK BX		of poles: 12, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				
BLF	1002380000	PCB plug-in connector,	4032248694549 24 pc(s).		IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
5.08HC/12/90LR		female plug, 5.08 mm, No.			UL: 300 V / 18.5 A / AWG 26 - AWG 12	
SN OR BX		of poles: 12, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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

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

BLZF 5.08/180LR



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZF 5.08/12/180LR SN BK BX	1892820000	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 ² , Box	4032248506965	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZF 5.08/12/180LR SN OR BX	1851520000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°,	4032248382989	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

Creation date September 9, 2013 5:10:27 AM CEST

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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

BLZP 5.08/180LR SN



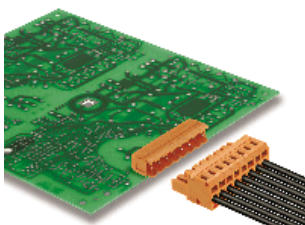
Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and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

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

General ordering data

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

BLZF 5.08/180B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZF 5.08/12/180B SN OR BX	1708400000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection,	4008190317522	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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

BLZ 5.08/180B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/12/180B SN BK BX	1529710000	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 ² , Box	4008190087807	40 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZ 5.08/12/180B SN OR BX	1529760000	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 ² , Box	4008190099862	40 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/12/90LH SN OR BX	1002580000	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 ² , Box	4032248694952	24 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
BLF 5.08HC/12/90LH SN BK BX	1000740001	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 ² , Box	4032248690930	24 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

BLT 5.08F



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08/12/180F SN OR BX	1844090000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping	4032248356010	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

BLT 5.08/12/180F SN BK BX	1844320000	range, rated connection, max.: 2.5 mm ² , Box	4032248356256 24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box
		PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZF 5.08/12/180F SN OR BX	1803430000	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 ² , Box	4032248258833 24 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZF 5.08/12/180F SN BK BX	1803660000	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 ² , Box	4032248259069 24 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Mating connector (conditionally pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/12/180F SN OR BX	1802930000	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 ² , Box	4032248258017 24 pc(s).		IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZ 5.08/12/180F SN BK BX	1803140000	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 ² , Box	4032248258246 24 pc(s).		IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/12/225B SN BK BX	1742430000	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 ² , Box	4032248049837 24 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
BLZ 5.08/12/225B SN OR BX	1742200000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 225°,	4008190247959 24 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (conditionally pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08/12/180F SN BK BX	1944430000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248619009	24 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08/12/180F SN OR BX	1944190000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248618774	24 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLT 5.08LH



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08/12/180LH SN BK BX	1892590000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping	4032248506637	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box

OMNIMATE Signal - series BL/SL 5.08
SL 5.08/12/180 3.2SN OR BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Mating connector (conditionally pluggable)

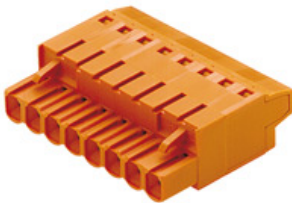
		range, rated connection, max.: 2.5 mm ² , Box	
BLT	1890090000	PCB plug-in connector,	4032248498505 24 pc(s).
5.08/12/180LH		female plug, 5.08 mm,	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² Box
SN OR BX		No. of poles: 12, 180°,	UL: 300 V / 13 A / AWG 26 - AWG 14
		TOP connection, Clamping	
		range, rated connection,	
		max.: 2.5 mm ² , Box	

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (fully pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08/12/180 SN BK BX	1500510000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190861780	30 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box
BLT 5.08/12/180 SN OR BX	1500560000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190006761	30 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² 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 mm² (IEC) / 22 - 20 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 5 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLIDC 5.08/12/180 SN OR BX	1725040000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, IDC terminal, Clamping range, rated connection, max.: 0.75 mm ² , Box	4008190377380	50 pc(s).	IEC: 400 V / 11 A / 0.5 - 0.75 mm ² UL: 300 V / 5 A / AWG 22 - AWG 20	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (fully pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08/12/225 SN BK BX	1946660000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248622436	30 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08/12/225 SN OR BX	1946350000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248622122	30 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLZP 5.08/270 SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08/12/270 SN BK BX	1949120000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248626571	30 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (fully pluggable)

BLZP 5.08/12/270 SN OR BX	1948890000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248626342 30 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
---------------------------------	----------------------------	---	-------------------------	---	-----

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLIDC 5.08/12/180B SN OR BX	1759600000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, IDC terminal, Clamping range, rated connection, max.: 0.75 mm², Box	4032248069835 50 pc(s).		IEC: 400 V / 11 A / 0.5 - 0.75 mm² UL: 300 V / 5 A / AWG 22 - AWG 20	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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/12/90 SN BK BX	1553710000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	4008190267810 30 pc(s).		IEC: 400 V / 15 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
BLZ 5.08/12/90 SN OR BX	1553760000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 90°, Clamping yoke connection, Clamping	4008190157357 30 pc(s).		IEC: 400 V / 15 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (fully pluggable)

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

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BL 5.08/12/180 SN OR BX	1716420000	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 ² , Box	4008190376468	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
BL 5.08/12/180 SN DKGX BX	1723930000	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 ² , Box	4008190376291	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box
BL 5.08/12/180 SN BK BX	1716570000	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 ² , Box	4008190376642	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

OMNIMATE Signal - series BL/SL 5.08

SL 5.08/12/180 3.2SN OR BX

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

Mating connector (fully pluggable)

BLC 5.08R



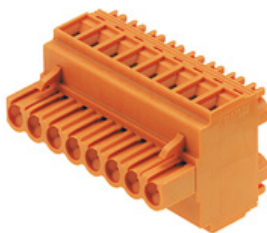
Female plugs with crimp wire connection system. The female plugs provide space for labelling and can be coded.

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

General ordering data

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

BLDT 5.08



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLDT 5.08/12/- SN OR BX	1644830000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190284046	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
BLDT 5.08/12/- SN BK BX	1660810000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping	4008190417260	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (fully pluggable)

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

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/12/180 SN OR BX	1527460000	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 ² , Box	4008190121648	40 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZ 5.08/12/180 SN BK BX	1527410000	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 ² , Box	4008190287801	40 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - 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 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZF 5.08/12/90 SN BK BX	1671120000	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 ² , Box	4008190432805	30 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (fully pluggable)

BLZF 5.08/12/90 SN OR BX	1670890000	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 ² , Box	4008190432492 30 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² Box UL: 300 V / 10 A / AWG 26 - AWG 12
--------------------------------	----------------------------	--	-------------------------	---

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/12/225 SN OR BX	1741740000	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 ² , Box	4008190224776 30 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
BLZ 5.08/12/225 SN BK BX	1741970000	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 ² , Box	4008190273774 30 pc(s).		IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (fully pluggable)

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	1630810000	PCB plug-in connector,	4008190204242	30 pc(s).	IEC: 400 V / 23 A	Box
5.08/12/180		female header, closed side,			UL: 300 V / 15 A	
3.2 SN OR BX		Solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZF	1707790000	PCB plug-in connector,	4008190316792	30 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ²	Box
5.08/12/180		female plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN BK BX		No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				
BLZF	1707560000	PCB plug-in connector,	4008190950224	30 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ²	Box
5.08/12/180		female plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (fully pluggable)

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

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

BLZ 5.08/270



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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/12/270 SN BK BX	1558310000	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 ² , Box	4008190269524	30 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
BLZ 5.08/12/270 SN OR BX	1558360000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 270°,	4008190077426	30 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

Creation date September 9, 2013 5:10:27 AM CEST

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (fully pluggable)

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

BLZF 5.08/270



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZF 5.08/12/270 SN OR BX	1672040000	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 ² , Box	4008190433758	30 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
BLZF 5.08/12/270 SN BK BX	1672270000	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 ² , Box	4008190433987	30 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

BLL 5.08/90



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

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

General ordering data

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

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/12/180 3.2SN OR BX

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

Mating connector (fully pluggable)

Solder pin length (l): 3.2
mm, tinned, Orange, 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	1000130001	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 mm², Box	4032248690084	30 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
BLF 5.08HC/12/90 SN OR BX	1001630000	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 mm², Box	4032248693436	30 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

