

OMNIMATE Signal - series BL/SL 5.08
SL 5.08/14/90B 3.2SN OR BX
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

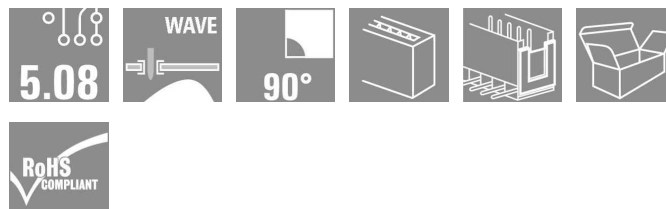
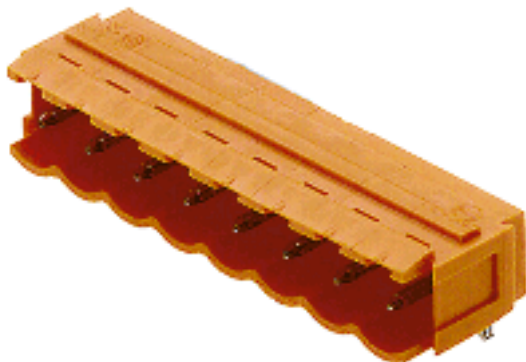
D-32758 Detmold

Germany

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www.weidmueller.com



Male connectors with 90° 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 5.08/14/90B 3.2SN OR BX
Order No.	1511560000
Version	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 14, Solder pin length (l): 3.2 mm, tinned, Orange, Box
GTIN (EAN)	4008190068479
Qty.	50 pc(s).
Product data	IEC: 400 V / 18 A UL: 300 V / 15 A
Packaging	Box

Creation date December 17, 2013 1:53:22 AM CET

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Technical data**Dimensions and weights**

Net weight	5.2 g
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System parameters

Product family		Mounting onto the PCB	
OMNIMATE Signal - series BL/SL 5.08		Solder connection	
Pitch in mm (P)	5.08 mm	Pitch in inches (P)	0.2 inch
No. of poles	14	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	66.04 mm
L1 in inches	2.6 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		

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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

Downloads

CAD Library (P-CAD Format - ASCII) [SL.zip](#)

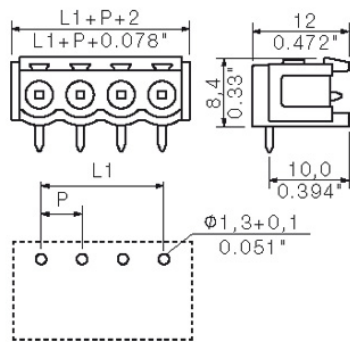
CAD Library (P-CAD Format - Standard) [SL.zip](#)

[3-D model](#)

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Drawings



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Mating connector (conditionally pluggable)
BLZF 5.08/180LH


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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZF 5.08/14/180LH SN OR BX	1895840000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248510665	18 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLZP 5.08/180LR 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 5.08/14/180LR SN BK BX	1945180000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620326	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08/14/180LR SN OR BX	1944950000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620036	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

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Mating connector (conditionally pluggable)

BLZP 5.08/270LH SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/14/270LH SN OR BX	1947130000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248622993	18 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/14/270LH SN BK BX	1947360000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248623341	18 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLF 5.00/90 SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.00HC/14/90 SN OR BX	1980290000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated	4032248675371	24 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box

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Mating connector (conditionally pluggable)

		connection, max.: 3.31 mm ² , Box		
BLF	1979390000	PCB plug-in connector,	4032248674596 24 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² Box
5.00HC/14/90		female plug, 5.00 mm, No.		UL: 300 V / 10 A / AWG 12 - AWG 26
SN BK BX		of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 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	1947880000	PCB plug-in connector,	4032248624379 18 pc(s).		IEC: 400 V / 15.5 A / 0.2 - 4 mm ²	Box
5.08HC/14/270LR		female plug, 5.08 mm,			UL: 300 V / 15 A / AWG 30 - AWG 12	
SN BK BX		No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box				
BLZP	1947650000	PCB plug-in connector,	4032248624041 18 pc(s).		IEC: 400 V / 15.5 A / 0.2 - 4 mm ²	Box
5.08HC/14/270LR		female plug, 5.08 mm,			UL: 300 V / 15 A / AWG 30 - AWG 12	
SN OR BX		No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box				

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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 5.08HC/14/270F SN BK BX	1950710000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248629114	18 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/14/270F SN OR BX	1950430000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628551	18 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLF 5.00/90LH SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.00HC/14/90LH SN BK BX	1980100000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated	4032248675166	18 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box

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Mating connector (conditionally pluggable)

		connection, max.: 3.31 mm ² , Box		
BLF	1981490000	PCB plug-in connector,	4032248676798 18 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² Box
5.00HC/14/90LH		female plug, 5.00 mm, No.		UL: 300 V / 10 A / AWG 12 - AWG 26
SN OR BX		of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , 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	1558510000	PCB plug-in connector,	4008190269548 24 pc(s).		IEC: 400 V / 15 A / 0.2 - 2.5 mm ²	Box
5.08/14/270		female plug, 5.08 mm,			UL: 300 V / 10 A / AWG 26 - AWG 12	
SN BK BX		No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				
BLZ	1558560000	PCB plug-in connector,	4008190060602 24 pc(s).		IEC: 400 V / 15 A / 0.2 - 2.5 mm ²	Box
5.08/14/270		female plug, 5.08 mm,			UL: 300 V / 10 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

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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 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 5.08/14/180 SN BK BX	1716590000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376666	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 5.08/14/180 SN OR BX	1716440000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376482	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 5.08/14/180 SN DKGN BX	1723950000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376314	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

BLZP 5.00/270LR SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.00/14/270LR SN OR BX	1960840000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping	4032248639854	18 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

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Mating connector (conditionally pluggable)

		yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box		
BLZP	1961070000	PCB plug-in connector,	4032248640126 18 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² Box
5.00/14/270LR		female plug, 5.00 mm, No.		UL: 300 V / 15 A / AWG 30 - AWG 12
SN BK BX		of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 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	1803450000	PCB plug-in connector,	4032248258857 18 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ²	Box
5.08/14/180F		female plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 14, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				
BLZF	1803680000	PCB plug-in connector,	4032248259083 18 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ²	Box
5.08/14/180F		female plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN BK BX		No. of poles: 14, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

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Mating connector (conditionally pluggable)

BLZ 5.00/270



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.00/14/270 SN BK BX	1637930000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190275198 24 pc(s).		IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
BLZ 5.00/14/270 SN OR BX	1637700000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190274948 24 pc(s).		IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	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 5.08/14/180 SN OR BX	1707580000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190950248 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 5.08/14/180 SN BK BX	1707810000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°,	4008190316815 24 pc(s).		IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

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Mating connector (conditionally pluggable)

Tension clamp connection,
Clamping range, rated
connection, max.: 3.31
mm², 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 5.08/14/180LR SN OR BX	1851320000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248382699	30 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZ 5.08/14/180LR SN BK BX	1893070000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248507214	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLZF 5.08/270



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 5.08/14/270 SN BK BX	1672290000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 270°, Tension clamp connection, Clamping range, rated	4008190434007	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 5.08/14/90B 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 mm ² , Box		
BLZF	1672060000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433772 24 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² Box UL: 300 V / 10 A / AWG 26 - AWG 12
5.08/14/270				
SN OR BX				

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	1671140000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432836 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
5.08/14/90						
SN BK BX						
BLZF	1670910000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432515 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
5.08/14/90						
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLZP 5.00/270LH SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.00/14/270LH SN OR BX	1961320000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248640584	18 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.00/14/270LH SN BK BX	1961550000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248640829	18 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLZP 5.00/180LH 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 5.00/14/180LH SN BK BX	1957100000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248635986	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.00/14/180LH SN OR BX	1956850000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection,	4032248635757	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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www.weidmüller.com

Mating connector (conditionally pluggable)

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

BLZF 5.08/180LR



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZF 5.08/14/180LR SN OR BX	1851550000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248383009	18 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLF 5.00/90F SN



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

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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.00HC/14/90F SN BK BX	1979580000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248674787	18 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLF 5.00HC/14/90F SN OR BX	1980760000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248675913 18 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box
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BLZ 5.00/180F



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.00/14/180F SN OR BX	1843410000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248355136 50 pc(s).		IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZ 5.00/14/180F SN BK BX	1843640000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248355365 50 pc(s).		IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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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 5.08HC/14/180LR SN OR BX	1890340000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248498826	18 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box
BLT 5.08HC/14/180LR SN BK BX	1894250000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248508594	18 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	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 5.08HC/14/90F SN OR BX	1949920000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248627851	18 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/14/90F SN BK BX	1950160000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping	4032248628094	18 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 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

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

BLZP 5.08/270 SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/14/270 SN OR BX	1948910000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248626366	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 5.08HC/14/270 SN BK BX	1949140000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248626595	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 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLF 5.08/90LR SN



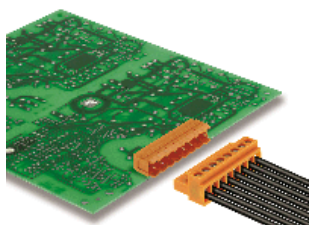
Just as reliable as the tried-and-tested original, with innovation in detail: the BLF 5.08, PUSH-IN version of the BLZ 5.08 female header, features a new connection system and a more compact design. Weidmüller innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system 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/14/90LR SN BK BX	1000530001	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690497	18 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/14/90LR SN OR BX	1002400000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248694563	18 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

BL 5.00



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BL 5.00/14/180 SN OR BX	1723230000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Pressure clamp connection,	4032248002641	50 pc(s).	IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

OMNIMATE Signal - series BL/SL 5.08

SL 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

		Clamping range, rated connection, max.: 2.08 mm ² , Box		
BL	1730820000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190387211 50 pc(s).	IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14
5.00/14/180				
SN BK BX				

BLZ 5.00/180



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ	1625670000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190196974 30 pc(s).		IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
5.00/14/180						
SN BK BX						
BLZ	1571460000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190088224 30 pc(s).		IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
5.00/14/180						
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLF 5.00/90LR SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.00HC/14/90LR SN OR BX	1980990000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm², Box	4032248676101	18 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 12 - AWG 26	Box
BLF 5.00HC/14/90LR SN BK BX	1979910000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm², Box	4032248674978	18 pc(s).	IEC: 400 V / 20 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 12 - AWG 26	Box

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 5.08/14/180 3.2 SN OR BX	1648910000	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 14, 180°	4008190293390	24 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08

SL 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

Solder pin length (l): 3.2
 mm, tinned, Orange, Box

BLZ 5.08/180



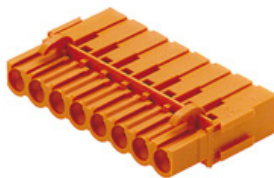
Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded.

- 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 5.08/14/180 SN BK BX	1527610000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190287764	30 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZ 5.08/14/180 SN OR BX	1527660000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190180294	30 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 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 5.08/14/180BR BK BX	1712230000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190935245	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 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLC 5.08/14/180BR OR BX	1649490000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190294601 50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
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BLZP 5.00/270 SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.00/14/270 SN BK BX	1958980000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248637911 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 5.00/14/270 SN OR BX	1958760000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248637591 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 5.00/180 SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.00/14/180 SN BK BX	1955450000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection,	4032248633944 27 pc(s).		IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 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.: 4 mm ² , Box		
BLZP	1954370000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248633081 27 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12
5.00/14/180				
SN OR BX				

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	1843870000	PCB plug-in connector, female header, Inverted flange, Solder connection, 5.08 mm, No. of poles: 14, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4032248355624 18 pc(s).		IEC: 400 V / 23 A UL: 300 V / 15 A	Box
5.08/14/90FI						
3.2SN OR BX						

BLZ 5.00/90



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ	1637010000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190274252 24 pc(s).		IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
5.00/14/90						
SN BK BX						

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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www.weidmueller.com

Mating connector (conditionally pluggable)

BLZ 5.00/14/90 SN OR BX	1636060000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	4008190265748 24 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
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BLZP 5.00/270F SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.00/14/270F SN BK BX	1960600000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248639564 18 pc(s).		IEC: 400 V / 15.5 A / 0.2 - 4 mm² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.00/14/270F SN OR BX	1959410000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248638321 18 pc(s).		IEC: 400 V / 15.5 A / 0.2 - 4 mm² UL: 300 V / 15 A / AWG 30 - 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 5.08/14/90 3.2 SN OR BX	1648430000	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 14, 90°	4008190292904 24 pc(s).		IEC: 400 V / 23 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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

Mating connector (conditionally pluggable)

Solder pin length (l): 3.2
mm, tinned, Orange, 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 5.08HC/14/180LH SN BK BX	1892610000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248506651	18 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box
BLT 5.08HC/14/180LH SN OR BX	1890110000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248498529	18 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14	Box

BLZP 5.08/225 SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/14/225 SN BK BX	1946680000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248622450	24 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLZP 5.08HC/14/225 SN OR BX	1946370000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248622 146 24 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
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BLZ 5.08/225



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ 5.08/14/225 SN OR BX	1741760000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	4008190078966	24 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
BLZ 5.08/14/225 SN BK BX	1741990000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box	4008190129705	24 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLZ 5.08/180LH



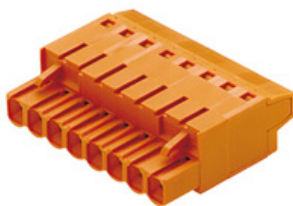
Female plugs with clamping-yoke screw connection for wire, with straight wire outlet and release lever mechanism. The female plugs provide space for labelling and can be coded.

- 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 5.08/14/180LH SN BK BX	1893720000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248507900	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZ 5.08/14/180LH SN OR BX	1892310000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248505715	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLT 5.08



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08HC/14/180 SN BK BX	1500710000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190861803	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 5.08HC/14/180 SN OR BX	1500760000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, TOP connection, Clamping	4008190035099	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 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

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

BLF 5.08/90F SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/14/90F SN OR BX	1002210000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248694365	18 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/14/90F SN BK BX	1000340001	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690305	18 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

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 5.08/14/180LH SN BK BX	1945640000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620913	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08/14/180LH SN OR BX	1945410000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620586	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLZP 5.00/180F SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.00/14/180F SN BK BX	1955910000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248634477	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLZP 5.00/14/180F SN OR BX	1955680000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248634217 18 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
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BLZP 5.00/90 SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.00/14/90 SN OR BX	1958060000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248637041 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 5.00/14/90 SN BK BX	1958530000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248637270 24 pc(s).		IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLT 5.08F



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08HC/14/180F SN BK BX	1844340000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°	4032248356270 18 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 5.08/14/90B 3.2SN OR BX

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D-32758 Detmold
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Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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Mating connector (conditionally pluggable)

		TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box		
BLT	1844110000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248356034 18 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 13 A / AWG 26 - AWG 14
5.08HC/14/180F				
SN OR BX				

BLZP 5.00/180LR SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP	1956250000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248634941 18 pc(s).		IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
5.00/14/180LR						
SN OR BX						
BLZP	1956480000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248635252 18 pc(s).		IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
5.00/14/180LR						
SN BK BX						

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN 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 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 5.08/14/180F SN BK BX	1803160000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248258260	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
BLZ 5.08/14/180F SN OR BX	1802950000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248258048	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLF 5.08/90LH SN



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

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

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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/14/90LH SN OR BX	1002600000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, PUSH IN spring connection,	4032248694976	18 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08

SL 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

		Clamping range, rated connection, max.: 3.31 mm ² , Box		
BLF	1000760001	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690954 18 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12
5.08HC/14/90LH				
SN BK BX				

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	1553910000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190267834	24 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
5.08/14/90						
SN BK BX						
BLZ	1553960000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190161286	24 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box
5.08/14/90						
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Fon: +49 5231 14-0
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Mating connector (conditionally pluggable)

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 5.08/14/180F SN OR BX	1944210000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248618798	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08/14/180F SN BK BX	1944450000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248619023	18 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

BLZP 5.00/90F SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.00/14/90F SN BK BX	1959630000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248638567	18 pc(s).	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.00/14/90F SN OR BX	1959350000	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 14, 90°, Clamping	4032248638239	18 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 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

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

BLZP 5.08/180 SN



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08/14/180 SN OR BX	1943700000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248617715	27 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08/14/180 SN BK BX	1943930000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248618071	27 pc(s).	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLF 5.08/90 SN



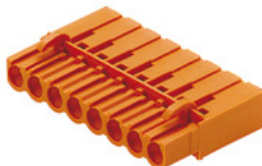
Just as reliable as the tried-and-tested original, with innovation in detail: the BLF 5.08, PUSH-IN version of the BLZ 5.08 female header, features a new connection system and a more compact design. Weidmüller innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system 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/14/90 SN OR BX	1001650000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm², Box	4032248693450	24 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/14/90 SN BK BX	1000150001	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm², Box	4032248690107	24 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

BLC 5.08R



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLC 5.08/14/180R BK BX	1712080000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Crimp connection, Clamping	4008190935092	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 5.08/14/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

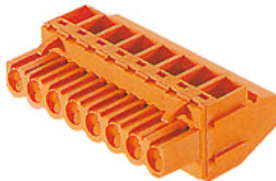
		range, rated connection, max.: 2.5 mm ² , Box		
BLC	1610610000	PCB plug-in connector,	4008190073251 50 pc(s).	IEC: 400 V / 21 A
5.08/14/180R		female plug, 5.08 mm, No.		UL: 300 V / 10 A / AWG 26 - AWG 14
OR BX		of poles: 14, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box		Box

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN 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 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	1556260000	PCB plug-in connector,	4008190033378	24 pc(s).	IEC: 400 V / 15 A / 0.2 - 2.5 mm ²	Box
5.08/14/90B		female plug, 5.08 mm, No.			UL: 300 V / 10 A / AWG 26 - AWG 12	
SN OR BX		of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

BLZ 5.00/270B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ	1638160000	PCB plug-in connector,	4008190275426	24 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ²	Box
5.00/14/270B		female plug, 5.00 mm,			UL: 300 V / 10 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

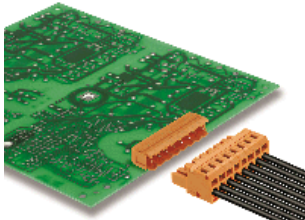
OMNIMATE Signal - series BL/SL 5.08

SL 5.08/14/90B 3.2SN OR BX

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Mating connector (fully pluggable)

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	1708420000	PCB plug-in connector,	4008190317867	24 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ²	Box
5.08/14/180B		female plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 14, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

BLZ 5.00/90B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ	1637240000	PCB plug-in connector,	4008190274481	24 pc(s).	IEC: 400 V / 15 A / 0.5 - 2.5 mm ²	Box
5.00/14/90B		female plug, 5.00 mm, No.			UL: 300 V / 10 A / AWG 26 - AWG 12	
SN OR BX		of poles: 14, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Mating connector (fully pluggable)

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 5.08/14/90B SN BK BX	1671600000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433307	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 5.08/14/90B SN OR BX	1671370000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433079	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 5.08/270B



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 5.08/14/270B SN OR BX	1560860000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190067014	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 5.08/14/90B 3.2SN OR BX

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Mating connector (fully 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 5.08/14/270B SN OR BX	1672520000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190434236	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 5.08/14/270B SN BK BX	1672750000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190434465	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

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 5.08/14/180B 3.2SN OR BX	1682850000	PCB plug-in connector, female header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 14, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190474614	24 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
SL 5.08/14/90B 3.2SN 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 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	1529950000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190290412	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
5.08/14/180B						
SN DKGX BX						

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	1529960000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190166045	30 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
5.08/14/180B						
SN OR BX						
BLZ	1529910000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190186227	30 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
5.08/14/180B						
SN BK BX						

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Mating connector (fully 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 5.08HC/14/225B SN OR BX	1945870000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621392	24 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/14/225B SN BK BX	1946100000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621651	24 pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - 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 5.08/14/225B SN OR BX	1742220000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190186616	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 5.08/14/225B SN BK BX	1742450000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 14, 225°,	4008190262884	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

Creation date December 17, 2013 1:53:22 AM CET

OMNIMATE Signal - series BL/SL 5.08 SL 5.08/14/90B 3.2SN OR BX

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Mating connector (fully pluggable)

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