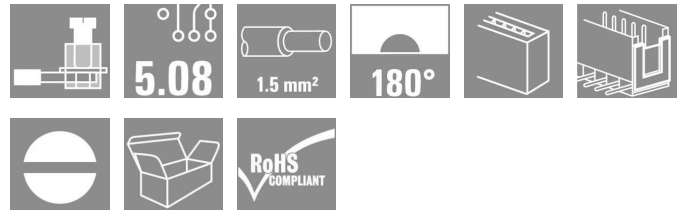


**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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 plugs with clamping-yoke screw wire-connect system. The male 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)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

Type	SLS 5.08/06/180B SN OR BX
Order No.	1627280000
Version	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
GTIN (EAN)	4008190199791
Qty.	54 pc(s).
Product data	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 14 A / AWG 26 - AWG 12
Packaging	Box

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Technical data**Dimensions and weights**

Net weight 8.93 g

System parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Wire connection method	Clamping yoke connection
Conductor outlet direction	180°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	6
Plugging cycles	25	Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264-A	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm	Clamping screw	M 2.5
Stripping length	7 mm	L1 in mm	25.4 mm
L1 in inches	1 inch	Touch-safe protection acc. to DIN VDE 57 106	Finger-safe plugged/ back-of-hand-safe unplugged
Volume resistance	4.50 mΩ		

Material data

Insulating material	PBT	Moisture Level (MSL)	3
Colour	Orange	Colour chart (similar)	RAL 2000
UL 94 flammability rating	V-0	CTI	≥ 200
Contact material	CuSn	Contact surface	tinned
Layer structure of plug contact	4-8 μm Sn hot-dip tinned	Operating temperature, min.	-50 °C
Operating temperature, max.	100 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	100 °C		

Connectable conductors

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

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

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

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Technical data

CSA rating data

Institute (CSA)



Certificate No. (CSA)

200039-1121690

Rated voltage (Use group B)	300 V
Rated voltage (use group D)	300 V
Wire cross-section, AWG, min.	AWG 26

Rated current (use group B)	15 A
Rated current (use group D)	10 A
Wire cross-section, AWG, max.	AWG 12

UL 1059 rating data

Institute (UR)



Certificate No. (UR)

E60693

Rated voltage (use group B)	300 V
Rated voltage (use group D)	300 V
Wire cross-section, AWG, min.	AWG 26

Rated current (use group B)	14 A
Rated current (use group D)	10 A
Wire cross-section, AWG, max.	AWG 12

Classifications

ETIM 3.0	EC001284	ETIM 4.0	EC002637
ETIM 5.0	EC002637	ETIM 6.0	EC002637
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
eClass 8.1	27-44-04-02	eClass 9.0	27-44-04-02

Notes

Notes

- Additional colours on request
- Rated current related to rated cross-section & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

IPC conformity

The products are developed, manufactured and delivered according to the internationally recognised IPC-A-610 standard, category "permissible". More extensive demands on the products can be evaluated on request.

Approvals

Approvals



ROHS

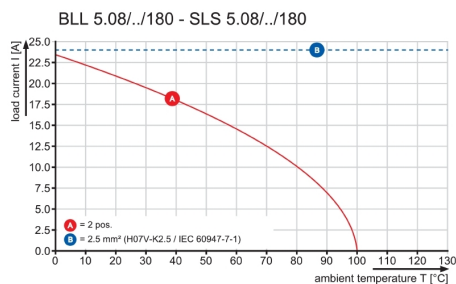
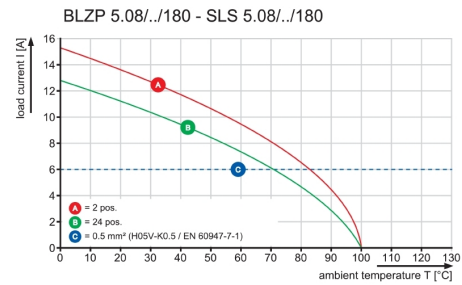
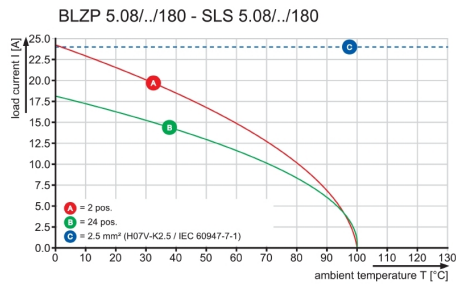
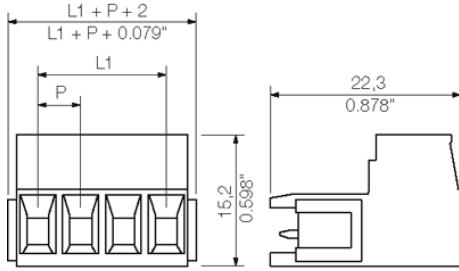
Conform

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Drawings



**OMNIMATE Signal - series BL/SL 5.08
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Mating connector (conditionally pluggable)
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 5.08/06/- SN OR BX	1644770000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190283988	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 5.08/06/- SN BK BX	1660750000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190417208	50 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - 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

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will 2015-12-31T00:00:00+01:00 no longer be available in the future.	BLZF 5.08/06/180LR SN OR BX	1851450000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248382927	42 pc(s).
This article will 2015-12-31T00:00:00+01:00 no longer be	BLZF 5.08/06/180LR SN BK BX	1892760000	PCB plug-in connector, female	4032248506804	42 pc(s).

Creation date April 29, 2015 11:30:03 PM CEST

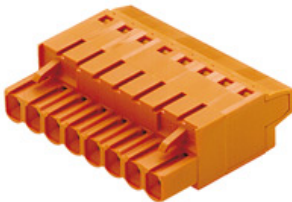
**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

available in the future.

plug, 5.08 mm,
No. of poles: 6,
180°, Tension
clamp connection,
Clamping range,
rated connection,
max.: 3.31 mm²,
Box

BLT 5.08HC


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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08HC/06/180 SN BK BX	1499910000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190279363	60 pc(s).	IEC: 400 V / 27 A / 0.2 - 2.5 mm ² UL: 300 V / 17 A / AWG 26 - AWG 14	Box
BLT 5.08HC/06/180 SN OR BX	1499960000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190140953	60 pc(s).	IEC: 400 V / 27 A / 0.2 - 2.5 mm ² UL: 300 V / 17 A / AWG 26 - AWG 14	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 5.08/06/180 3.2 SN OR BX	1630750000	PCB plug-in connector, female header, closed side, Solder connection, 5.08	4008190204174	60 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

Creation date April 29, 2015 11:30:03 PM CEST

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Mating connector (conditionally pluggable)

mm, No. of poles: 6, 180°
Solder pin length (l): 3.2
mm, tinned, Orange, Box

BLZP 5.08HC/270LH SN



Female plugs with clamping-yoke connection for connecting wires with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2014-05-20	BLZP 5.08HC/270LH SN BK BX	1947280000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248623242 42	pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm² UL: 300 V / 20 A / 30 AWG
2014-05-20	BLZP 5.08HC/270LH SN OR BX	1947050000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box	4032248622917 42	pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm² UL: 300 V / 20 A / 30 AWG

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

-
AWG
12

BLF 5.08HC/180F SN


Just as reliable as the millionfold proven original and featuring innovative details:

The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.

In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/06/180F SN BK BX	1012680000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248720330	42 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/06/180F SN OR BX	1013130000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248720880	42 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
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Mating connector (conditionally pluggable)

BLZF 5.08/90



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

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

General ordering data

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/06/90 SN BK BX	1671060000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432737	60 pc(s).
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/06/90 SN OR BX	1670830000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432430	60 pc(s).

BLZP 5.08HC/90 SN



Female plugs with clamping-yoke connection for connecting wires with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/06/90 SN OR BX	1948040000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Clamping yoke connection, Clamping	4032248624263	60 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box

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SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

BLZP	1948280000	range, rated connection, max.: 4 mm ² , Box	4032248624805 60 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box
5.08HC/06/90 SN BK BX		PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box			

BLZP 5.08HC/225 SN



Clamping-yoke connection with right-angled (90° or 270°) or angled (225°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP	1946290000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621866 60 pc(s).		IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
5.08HC/06/225 SN OR BX						
BLZP	1946600000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248622375 60 pc(s).		IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12	Box
5.08HC/06/225 SN BK BX						

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

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will 2015-12-31T00:00:00+01:00 no longer be	BLZF 5.08/06/180 SN OR BX	1707500000	PCB plug-in connector, female plug, 5.08 mm,	4008190395872	60 pc(s).

OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

available in the future.

No. of poles: 6,
 180°, Tension
 clamp connection,
 Clamping range,
 rated connection,
 max.: 3.31 mm²,
 Box

This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/06/180 SN BK BX	1707730000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190316730	60 pc(s).
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BLDF 5.08/180 SN



The powerful daisy-chain solution for high-performance signal bus applications is also suitable for 400V auxiliary power chains with 18.5A current-carrying capacity. The large clamping capacity (up to 2.5mm² wire cross-sections) is particularly beneficial for long bus cables or high currents because of the low voltage drop. Four flange variations, including the patented release latch, allow for user-friendly unplugging designs.

Specifications:

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC)
- 18.5 A (IEC)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLDF 5.08/06/180 SN BK BX	1000900000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248817412	40 pc(s).	IEC: 400 V / 20.8 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box
BLDF 5.08/06/180 SN OR BX	1001190000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248818174	40 pc(s).	IEC: 400 V / 20.8 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box

**OMNIMATE Signal - series BL/SL 5.08
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Mating connector (conditionally pluggable)
BLZP 5.08HC/270LR SN


Female plugs with clamping-yoke connection for connecting wires with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/06/270LR SN OR BX	1947570000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248623860	42 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/06/270LR SN BK BX	1947800000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248624195	42 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box

BLT 5.08HC/180LR


Female plugs with TOP screw connection system for connecting wires with straight wire outlet and release latch mechanism. The female connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08HC/06/180LR SN OR BX	1890260000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248498741	42 pc(s).	IEC: 400 V / 27 A / 0.2 - 2.5 mm ² UL: 300 V / 17 A / AWG 26 - AWG 14	Box
BLT 5.08HC/06/180LR SN BK BX	1894170000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping	4032248508518	42 pc(s).	IEC: 400 V / 27 A / 0.2 - 2.5 mm ² UL: 300 V / 17 A / AWG 26 - AWG 14	Box

OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

range, rated connection,
 max.: 2.5 mm², 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

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2014-06-16	BLZ 5.08/06/180LH SN BK BX	1893640000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	403224850782542	pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / 26 AWG - 12
This article will no longer be available in the future.	2015-12-31	BLZ 5.08/06/180LH SN OR BX	1892230000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248505630	42 pc(s).

OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

BLZF 5.08/180LH



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

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

General ordering data

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2011-09-30	BLZF 5.08/180LH SN BK BX	1893200000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248507344	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / 26 AWG
2011-09-30	BLZF 5.08/180LH SN OR BX	1895760000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248510481	42 pc(s).	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / 26 AWG

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)
BLZP 5.08HC/90F SN


Female plugs with clamping-yoke connection for connecting wires with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/06/90F SN BK BX	1950080000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628018 42 pc(s).		IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/06/90F SN OR BX	1949840000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248627769 42 pc(s).		IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box

BLF 5.08HC/270 SN


Just as reliable as the millionfold proven original and featuring innovative details:

The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.

In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/06/270 SN OR BX	1982740000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, PUSH IN spring connection, Clamping range, rated	4032248686834 60 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
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

		connection, max.: 3.31 mm ² , Box		
BLF	1981970000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248684663 60 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/06/270				
SN BK BX				

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	1622980000	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190279301 60 pc(s).		IEC: 400 V / 23 A UL: 300 V / 15 A	Box
5.08/06/90						
3.2 SN OR BX						

BLZP 5.08HC/180LR SN


Female plug with clamping-yoke screw system for connecting wires with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. The also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP	1944870000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248619481 42 pc(s).		IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box
5.08HC/06/180LR						
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

BLZP 5.08HC/06/180LR SN BK BX	194510000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248620241 42 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box
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BLF 5.08HC/90 SN



Just as reliable as the millionfold proven original and featuring innovative details:
 The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.
 In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/06/90 SN OR BX	1001570000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248693375	60 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/06/90 SN BK BX	1000070001	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690008	60 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
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)
BLZP 5.08HC/180F SN


Female plug with clamping-yoke screw system for connecting wires with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/06/180F SN BK BX	1944370000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248618941	42 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/06/180F SN OR BX	1944130000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248618712	42 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box

BLF 5.08HC/90LR SN


Just as reliable as the millionfold proven original and featuring innovative details:
The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.
In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/06/90LR SN OR BX	1002320000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN spring connection, Clamping range, rated	4032248694488	42 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

		connection, max.: 3.31 mm ² , Box		
BLF	1000450001	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690411 42 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/06/90LR				
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

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZ 5.08/06/90 SN BK BX	1553110000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190267742	60 pc(s).
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZ 5.08/06/90 SN OR BX	1553160000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190075804	60 pc(s).

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)
BLZP 5.08HC/180 SN


Female plug with clamping-yoke screw system for connecting wires with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/06/180 SN OR BX	1943620000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248617616 60 pc(s).		IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/06/180 SN BK BX	1943850000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248617999 60 pc(s).		IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box

BLZP 5.08HC/270F SN


Female plugs with clamping-yoke connection for connecting wires with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/06/270F SN BK BX	1950620000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248628896 42 pc(s).		IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box
BLZP 5.08HC/06/270F SN OR BX	1950350000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping	4032248628476 42 pc(s).		IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

range, rated connection,
max.: 4 mm², 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

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/06/180F SN BK BX	1803600000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248259007	42 pc(s).
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/06/180F SN OR BX	1803370000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248258772	42 pc(s).

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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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 5.08/06/90FI 3.2SN OR BX	1843790000	PCB plug-in connector, female header, Inverted flange, Solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4032248355549	42 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

BLF 5.08HC/180 SN


Just as reliable as the millionfold proven original and featuring innovative details:

The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.

In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/06/180 SN BK BX	1013470000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248721627	60 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/06/180 SN OR BX	1013730000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH	4032248721849	60 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

Creation date April 29, 2015 11:30:03 PM CEST

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

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

BLZ 5.08/225



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

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

General ordering data

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2011-09-30	BLZ 5.08/225 SN BK BX	1741910000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	400819025576360	60 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / 26 - 12 AWG
This article will no longer be available in the future.	2015-12-31	BLZ 5.08/06/225 SN OR BX	1741680000	4008190215682	60 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / 26 - 12 AWG

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)
BLF 5.08HC/270F SN


Just as reliable as the millionfold proven original and featuring innovative details:
 The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.
 In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/06/270F SN BK BX	1982160000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248686254	42 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/06/270F SN OR BX	1982930000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248687022	42 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 5.08HC/180LH


Female plugs with TOP screw connection system for connecting wires with straight outlet directions and release lever mechanism. The female connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2014-05-20	BLT 5.08HC/06/180LH SN OR BX	1890030000	PCB plug-in connector, female	4032248498444	42 pc(s).	IEC: 400

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

		plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	V / 27 A / 0.2 - 2.5 mm ² UL: 300 V / 17 A / AWG 26 - AWG 14	
2014-05-20	BLDC 5.08/06/180LH SN BK BX	1892530000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248506576 42 pc(s). IEC: 400 V / 27 A / 0.2 - 2.5 mm ² UL: 300 V / 17 A / AWG 26 - AWG 14

BLDC 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

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2009-12-31	BLDC 5.08/06/180B SN OR BX	1759540000	PCB plug-in connector,	4032248069774 50 pc(s).		IEC: 400

Creation date April 29, 2015 11:30:03 PM CEST

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN 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)

		female plug, 5.08 mm, No. of poles: 6, 180°, IDC terminal, Clamping range, rated connection, max.: 0.75 mm ² , Box		V / 11 A / 0.5 - 0.75 mm ² UL: 300 V / 5 A / AWG 22 - AWG 20
2009-12-31	1759650000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, IDC terminal, Clamping range, rated connection, max.: 0.75 mm ² , Box	403224806988050 pc(s).	IEC: 400 V / 11 A / 0.5 - 0.75 mm ² UL: 300 V / 5 A / AWG 22 - AWG 20

BLZP 5.08HC/270 SN



Female plugs with clamping-yoke connection for connecting wires with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP	1949060000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping	4032248626519	60 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box

Creation date April 29, 2015 11:30:03 PM CEST

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

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

BLZP 1948830000 5.08HC/06/270 SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248626281 60 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box
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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

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2011-06-30	BLIDC 5.08/06/180 SN OR BX	1724980000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, IDC terminal, Clamping range, rated connection, max.: 0.75 mm ² , Box	400819037732850	60 pc(s).	IEC: 400 V / 11 A / 0.5 mm ² UL: 300 V / 5 A / 22 AWG - 20

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

BLZ 5.08/270



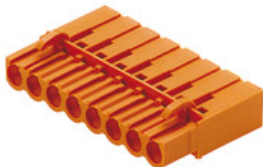
Female plugs with clamping-yoke screw connection. The female plugs provide space for labelling and can be coded.

- 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

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZ 5.08/06/270 SN OR BX	1557760000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190145910	60 pc(s).
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZ 5.08/06/270 SN BK BX	1557710000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190269463	60 pc(s).

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 5.08/06/180R BK BX	1712000000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Crimp connection, Clamping	4008190935016	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box

OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

		range, rated connection, max.: 2.5 mm ² , Box		
BLC	1610530000	PCB plug-in connector, female plug, 5.08 mm, No.	4008190123819 50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14
5.08/06/180R		of poles: 6, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box		
OR BX				

BLDF 5.08/180LR SN



The powerful daisy-chain solution for high-performance signal bus applications is also suitable for 400V auxiliary power chains with 18.5 A current-carrying capacity. The large clamping capacity (up to 2.5mm² wire cross-sections) is particularly beneficial for long bus cables or high currents because of the low voltage drop. Four flange variations, including the patented release latch, so you can design the interlock based on the requirements of the user.

Specifications:

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC)
- 18.5 A (IEC)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLDF	1065170000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248817405 28 pc(s).		IEC: 400 V / 20.8 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box
5.08/06/180LR						
SN OR BX						
BLDF	1001050000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248817597 28 pc(s).		IEC: 400 V / 20.8 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box
5.08/06/180LR						
SN BK BX						

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)
BLF 5.08HC/90LH SN


Just as reliable as the millionfold proven original and featuring innovative details:

The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.

In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/06/90LH SN BK BX	1000680001	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248690879	42 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
2014-05-20T09:03:03 BLF 5.08HC/06/90LH SN OR BX	1002520000		4032248694891	42 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)
BLF 5.08HC/180LR SN


Just as reliable as the millionfold proven original and featuring innovative details:

The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.

In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/06/180LR SN BK BX	1014160000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248723171	42 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/06/180LR SN OR BX	1014420000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248722945	42 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
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)
BLF 5.08HC/270LR SN


Just as reliable as the millionfold proven original and featuring innovative details:

The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.

In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/06/270LR SN OR BX	1983120000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248687213	42 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/06/270LR SN BK BX	1982350000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248686445	42 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box

BLZ 5.08/180


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

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

General ordering data

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available until 2015-12-31T00:00:00+01:00	BLZ 5.08/06/180 SN BK BX	1526810000	PCB plug-in connector, female plug, 5.08 mm,	4008190163891	50 pc(s).

OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

available in the future.

No. of poles: 6,
 180°, Clamping
 yoke connection,
 Clamping range,
 rated connection,
 max.: 3.31 mm²,
 Box

This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZ 5.08/06/180 SN OR BX	1526860000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190039448	50 pc(s).
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BLF 5.08HC/90F SN



Just as reliable as the millionfold proven original and featuring innovative details:
 The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.

In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLF 5.08HC/06/90F SN OR BX	1002130000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248694082	42 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/06/90F SN BK BX	1000260001	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, PUSH IN spring connection, Clamping range, rated	4032248690220	42 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
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

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

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BL 5.08/06/180 SN OR BX	1716360000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376390	50 pc(s)
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BL 5.08/06/180 SN BK BX	1716510000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376581	50 pc(s)
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BL 5.08/06/180 SN DKGN BX	1723870000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box	4008190376239	50 pc(s)

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)
BLZ 5.08/180F


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

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

General ordering data

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future. 2015-12-31T00:00:00+01:00	BLZ 5.08/06/180F SN OR BX	1802870000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248257942	42 pc(s)
This article will no longer be available in the future. 2015-12-31T00:00:00+01:00	BLZ 5.08/06/180F SN BK BX	1803080000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248258185	42 pc(s)

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

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future. 2015-12-31T00:00:00+01:00	BLZ 5.08/06/180LR SN BK BX	1892990000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6,	4032248507139	42 pc(s)

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)

180°, Clamping
yoke connection,
Clamping range,
rated connection,
max.: 3.31 mm²,
Box

2011-09-30	BLZF 5.08/270	180B SN OR BX	1851240000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	403224838261350 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12
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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

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2014-06-23	BLZF 5.08/270	180B SN BK BX	1672210000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	400819043392560 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10

OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/06/180B SN OR BX

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Mating connector (conditionally pluggable)

This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/06/270 SN OR BX	1671980000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190433697	A / AWG 26 - AWG 12 60 pc(s).

BLDF 5.08/180F SN



The powerful daisy-chain solution for high-performance signal bus applications is also suitable for 400V auxiliary power chains with 18.5A current-carrying capacity. The large clamping capacity (up to 2.5mm² wire cross-sections) is particularly beneficial for long bus cables or high currents because of the low voltage drop. Four flange variations, including the patented release latch, allow for user-friendly unplugging designs.

Specifications:

- 0.20 - 2.5mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC)
- 18.5 A (IEC)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLDF 5.08/06/180F SN OR BX	1065090000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248817801	28 pc(s).	IEC: 400 V / 20.8 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box
BLDF 5.08/06/180F SN BK BX	1000980000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, PUSH IN spring connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248817375	28 pc(s).	IEC: 400 V / 20.8 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26	Box

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (conditionally pluggable)
BLT 5.08HC/180F


Female plugs with TOP screw connection system for connecting wires with straight outlet direction and screw flange. The female connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLT 5.08HC/06/180F SN BK BX	1844260000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248356195 42 pc(s).		IEC: 400 V / 27 A / 0.2 - 2.5 mm ² UL: 300 V / 17 A / AWG 26 - AWG 14	Box
BLT 5.08HC/06/180F SN OR BX	1844030000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4032248355952 42 pc(s).		IEC: 400 V / 27 A / 0.2 - 2.5 mm ² UL: 300 V / 17 A / AWG 26 - AWG 14	Box

BLZP 5.08HC/180LH SN


Female plug with clamping-yoke screw system for connecting wires with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/06/180LH SN OR BX	1945330000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248619900 42 pc(s).		IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 30 - AWG 12	Box
2014-05-20 BLZP 5.08HC/06/180LH SN BK BX	1945560000		4032248620739 42 pc(s).			IEC: 400 V / 23 A / 0.2

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX****Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
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Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Mating connector (conditionally pluggable)**

Clamping range,	-
rated connection,	4
max.: 4 mm ² , Box	mm ²
	UL:
	300
	V /
	20
	A /
	AWG
	30
	-
	AWG
	12

**OMNIMATE Signal - series BL/SL 5.08
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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

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZF 5.08/06/90B SN OR BX	1671290000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190432997	54 pc(s)
	2011-09-30T00:00:00+01:00	BLZF 5.08/06/90B SN BK BX	1671520000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	400819043322254	54 pc(s)

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Mating connector (fully pluggable)

BLZ 5.08/180B



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

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

General ordering data

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZ 5.08/06/180B SN BK BX	1529110000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190053642	50 pc(s).
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00	BLZ 5.08/06/180B SN OR BX	1529160000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190127954	50 pc(s).

BLZF 5.08/270B



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

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

General ordering data

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2014-06-23T00:00:00	BLZF 5.08/270B SN BK BX	1672670000	PCB plug-in connector, female plug, 5.08 mm,	400819043438054	54 pc(s).	IEC: 400 V /

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Mating connector (fully pluggable)

		No. of poles: 6, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box		16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12
2014-06-23	BLZ 5.08/225B	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	400819043415154 pc(s).	IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12

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

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	BLZ 5.08/06/225B SN BK BX	1742370000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6,	4032248049806	54 pc(s).

Creation date April 29, 2015 11:30:04 PM CEST

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/06/180B SN OR BX**

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Mating connector (fully pluggable)

225°, Clamping
yoke connection,
Clamping range,
rated connection,
max.: 3.31 mm²,
Box

This article will no longer be available in the future.	2015-12-31T00:00:00+01:00 BLZ 5.08/06/225B SN OR 1742140000 BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box 4008190247126 54 pc(s)
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BLZ 5.08/270B



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

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

General ordering data

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.	Product data
2009-12-31T00:00:00+01:00	BLZ 5.08/06/270B SN BK BX	1560010000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	400819026969254	54 pc(s)	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / 26 AWG
This article will no longer be available in the future.	2015-12-31T00:00:00+01:00 BLZ 5.08/06/270B SN OR 1560060000 BX	PCB plug-in connector, female plug, 5.08 mm,	4008190069650	54 pc(s)	12	

OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/06/180B SN OR BX

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Mating connector (fully pluggable)

available in the future.

No. of poles: 6,
 270°, Clamping
 yoke connection,
 Clamping range,
 rated connection,
 max.: 3.31 mm²,
 Box

BLZP 5.08HC/225B SN



Clamping-yoke connection with right-angled (90° or 270°) or angled (225°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZP 5.08HC/06/225B SN OR BX	1945790000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621262	54 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/06/225B SN BK BX	1946020000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box	4032248621552	54 pc(s).	IEC: 400 V / 17.5 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

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	BLZF 5.08/06/180B SN OR BX	1708340000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6,	4008190317805	54 pc(s).

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Mating connector (fully pluggable)

180°, Tension
 clamp connection,
 Clamping range,
 rated connection,
 max.: 3.31 mm²,
 Box

BLC 5.08BR



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLC 5.08/06/180BR OR BX	1649410000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190294526	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
BLC 5.08/06/180BR BK BX	1712150000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Crimp connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190935160	50 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	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 5.08/06/180B 3.2SN OR BX	1682770000	PCB plug-in connector, female header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin	4008190474539	54 pc(s).	IEC: 400 V / 23 A UL: 300 V / 15 A	Box

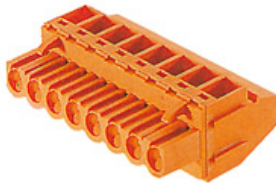
OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/06/180B SN OR BX

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 Germany
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 www.weidmueller.com

Mating connector (fully pluggable)

length (l): 3.2 mm, tinned,
 Orange, 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

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	BLZ 5.08/06/90B SN OR BX	1555460000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190012830	54 pc(s)

BLDT 5.08B



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

- 0.2 - 2.5 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 5.08/06/-B SN OR BX	1651780000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	400819040046045	45 pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	Box	
2014-05-20 to 2014-09-20	1651780000	BLDT 5.08/06/-B SN BK BX	1673820000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, TOP	400819043555445	45 pc(s). IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12	400 V / 14 A / A /

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Data sheet

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Mating connector (fully pluggable)

connection,	0.2
Clamping range,	-
rated connection,	2.5
max.: 3.31 mm ² ,	mm ²
Box	UL: 300 V / 10 A / AWG 26 - AWG 12

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	1529150000	PCB plug-in connector,	4008190290221	50 pc(s).	IEC: 400 V / 19 A / 0.2 - 2.5 mm ²	Box
5.08/06/180B		female plug, 5.08 mm, No.			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN DKGX BX		of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

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