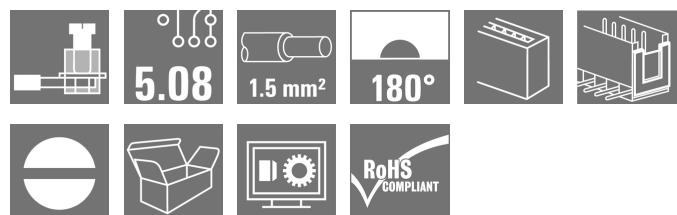


OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX

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

Product image

Similar to illustration

Male plugs with clamping-yoke screw wire-connect system. With clip-on feet for attaching the male plugs on rail. The male plugs provide space for labelling and can be coded.

General ordering data

Type	SLS 5.08/04/180TB RF15 SN OR BX
Order No.	1846050000
Version	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² , Box
GTIN (EAN)	4032248362332
Qty.	20 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

OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX
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Fax: +49 5231 14-292083
www.weidmueller.com
Technical data
Dimensions and weights

Height	30 mm	Height (inches)	1.181 inch
Depth	39.4 mm	Depth (inches)	1.551 inch
Net weight	11 g		

System parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Type of connection	Field connection
Wire connection method	Clamping yoke connection	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	Conductor outlet direction	180°
No. of poles	4	L1 in mm	15.24 mm
L1 in inches	0.6 inch	Number of rows	1
Pin series quantity	1	Touch-safe protection acc. to DIN VDE 57 106	Finger-safe plugged/ back-of-hand-safe unplugged
Stripping length	7 mm	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm	Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264	Plugging cycles	25

Material data

Insulating material	PBT	Colour	Orange
Colour chart (similar)	RAL 2000	Insulating material group	IIIa
CTI	≥ 200	Insulation resistance	≥ 10 ⁸ Ω
UL 94 flammability rating	V-0	Contact material	CuSn
Contact surface	tinned	Layer structure of plug contact	4-8 µm Sn hot-dip tinned
Storage temperature, min.	-25 °C	Storage temperature, max.	55 °C
Max. relative humidity during storage	80 %		

Conductors suitable for connection

Clamping range, min.	0.13 mm ²	Clamping range, 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. 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
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

Rated data acc. to IEC

tested acc. to standard	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, min. no. of poles (Tu=40°C)	18 A
Rated current, max. no. of poles (Tu=40°C)	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		

OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX

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Technical data
Rated data acc. to CSA

Rated voltage (Use group B)	300 V	Rated voltage (use group D)	300 V
Rated current (use group B)	15 A	Rated current (use group D)	10 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 12

Rated data acc. to UL 1059

Institute (UR)



Certificate No. (UR)

E60693

Rated voltage (use group B)	300 V	Rated voltage (use group D)	300 V
Rated current (use group B)	14 A	Rated current (use group D)	10 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 12
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Packaging

Packaging	Box	VPE length	65 mm
VPE width	105 mm	VPE height	130 mm

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
eClass 9.1	27-44-04-02		

Notes

Notes	<ul style="list-style-type: none"> 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	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX**

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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[Declaration of the Manufacturer](#)

Brochure/Catalogue

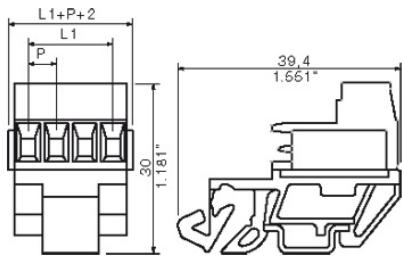
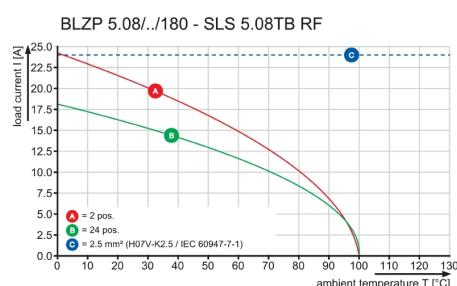
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Engineering Data

[WSCAD](#)

Data sheet**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX**

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Drawings**Graph**

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www.weidmueller.com
Mating connector (fully pluggable)
BLL 5.08/180B


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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLL	1682750000	PCB plug-in connector, female header, Dovetails for fixing blocks, THT solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190474515 78 pc(s).		IEC: 400 V / 23 A UL: 300 V / 15 A	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	1982720000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ² , Box	4032248686810 90 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 5.08/04/180TB RF15 SN OR BX**

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Mating connector (fully pluggable)

poles: 4, 270°,	A /
PUSH IN, Spring	0.2
connection,	-
Clamping range,	2.5
max. : 3.31 mm ² ,	mm ²
Box	UL:
	300
	V /
	18.5
	A /
	AWG
	26
	-
	AWG
	12

BLF 5.08HC/180 SN


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- 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	1013450000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ² , Box	4032248721603	90 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
5.08HC/04/180						
SN BK BX						
BLF	1013710000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ² , Box	4032248721825	90 pc(s).	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12	Box
5.08HC/04/180						
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX

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Mating connector (fully pluggable)
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	1948810000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 270°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	403224862626790 pc(s).		IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 26 - AWG 12	Box
5.08HC/04/270						
SN OR BX						

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	1946580000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 225°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	403224862235190 pc(s).		IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
5.08HC/04/225						
SN BK BX						
BLZP	1946270000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 225°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	403224862184290 pc(s).		IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
5.08HC/04/225						
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX

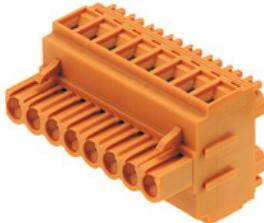
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Mating connector (fully pluggable)
BLL 5.08/180


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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLL	1630730000	PCB plug-in connector, female header, closed side,	400819020415090	pc(s).	IEC: 400 V / 23 A	Box
5.08/04/180		THT solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 15 A	
3.2 SN OR BX						

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.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLDT	1651760000	PCB plug-in connector, female plug, 5.08 mm, No.	400819040044670	pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ²	Box
5.08/04/-B		of poles: 4, 180°, Clamping			UL: 300 V / 10 A / AWG 26 - AWG 12	
SN OR BX		yoke connection, Clamping				
		range, max. : 3.31 mm ² ,				
		Box				
Discontinued	2014-05-20T00:00:00+02:00	BLDT 5.08/04/-B SN BK	1673800000	PCB plug-in	4008190435530	70
		BX		connector, female		pc(s).
				plug, 5.08 mm,		
				No. of poles: 4,		
				180°, Clamping		
				yoke connection,		
				Clamping range,		
				max. : 3.31 mm ² ,		
				Box		

OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX

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Mating connector (fully pluggable)
BLC 5.08BR


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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLC	1712130000	PCB plug-in connector, female plug, 5.08 mm, No.	4008190935146	100 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
5.08/04/180BR		of poles: 4, 180°, Crimp connection, Clamping range, max. : 2.5 mm ² , Box				
BK BX						
BLC	1649390000	PCB plug-in connector, female plug, 5.08 mm, No.	4008190294502	100 pc(s).	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14	Box
5.08/04/180BR		of poles: 4, 180°, Crimp connection, Clamping range, max. : 2.5 mm ² , Box				
OR BX						

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	1948020000	PCB plug-in connector, female plug, 5.08 mm, No.	4032248624249	90 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 26 - AWG 12	Box
5.08HC/04/90		of poles: 4, 90°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box				
SN OR BX						
BLZP	1948260000	PCB plug-in connector, female plug, 5.08 mm, No.	4032248624782	90 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 26 - AWG 12	Box
5.08HC/04/90		of poles: 4, 90°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box				
SN BK BX						

OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX
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 Fax: +49 5231 14-292083
www.weidmueller.com
Mating connector (fully pluggable)
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

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
Discontinued 2016-04-08T00:00:00+02:00	BLZP 5.08HC/04/225B SN	1946000000	PCB plug-in connector, female	4032248621521	78
			plug, 5.08 mm, No. of poles: 4, 225°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box		pc(s).
BLZP 1945770000 5.08HC/04/225B SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 225°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	4032248621248 78	pc(s).	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BLDT 5.08


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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLDT 1644750000 5.08/04/- SN OR BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² , Box	4008190283964 75	pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12		Box
BLDT 1660730000 5.08/04/- SN BK BX	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping	4008190417185 75	pc(s).	IEC: 400 V / 14 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12		Box

OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX

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Mating connector (fully pluggable)

range, max. : 3.31 mm²,
 Box

BLL 5.08/90


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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLL	1622960000	PCB plug-in connector,	4008190194024	90 pc(s).	IEC: 400 V / 23 A	Box
5.08/04/90		female header, closed side,			UL: 300 V / 15 A	
3.2 SN OR BX		THT solder connection,				
		5.08 mm, No. of poles: 4,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

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	1943600000	PCB plug-in connector,	4032248617593	90 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
5.08HC/04/180		female plug, 5.08 mm, No.			UL: 300 V / 20 A / AWG 26 - AWG 12	
SN OR BX		of poles: 4, 180°, Clamping				
		yoke connection, Clamping				
		range, max. : 4 mm ² , Box				
BLZP	1943830000	PCB plug-in connector,	4032248617869	90 pc(s).	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
5.08HC/04/180		female plug, 5.08 mm, No.			UL: 300 V / 20 A / AWG 26 - AWG 12	
SN BK BX		of poles: 4, 180°, Clamping				
		yoke connection, Clamping				
		range, max. : 4 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/04/180TB RF15 SN OR BX

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Mating connector (fully pluggable)

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	1001550000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 90°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ² , Box	403224869335190 pc(s).		IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG	Box
5.08HC/04/90					12	
SN OR BX						
BLF	1000050001	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 90°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ² , Box	403224868998990 pc(s).		IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG	Box
5.08HC/04/90					12	
SN BK BX						

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.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLDF	1000880000	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, PUSH IN, Spring connection,	403224881726960 pc(s).		IEC: 400 V / 20.8 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 12 - AWG	Box
5.08/04/180						
SN BK BX					26	

OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX

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

Mating connector (fully pluggable)

		Clamping range, max. : 3.31 mm ² , Box	
BLDF	1001170000	PCB plug-in connector, 4032248818075 60 pc(s).	IEC: 400 V / 20.8 A / 0.2 - 2.5 mm ² Box
5.08/04/180		female plug, 5.08 mm, No.	UL: 300 V / 18.5 A / AWG 12 - AWG
SN OR BX		of poles: 4, 180°, PUSH	26
		IN, Spring connection,	
		Clamping range, max. : 3.31 mm ² , Box	

BLC 5.08R


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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLC	1711980000	PCB plug-in connector, 4008190934996 100 pc(s).			IEC: 400 V / 21 A	Box
5.08/04/180R		female plug, 5.08 mm, No.			UL: 300 V / 10 A / AWG 26 - AWG 14	
BK BX		of poles: 4, 180°, Crimp				
		connection, Clamping				
		range, max. : 2.5 mm ² , Box				
BLC	1610510000	PCB plug-in connector, 4008190065102 100 pc(s).			IEC: 400 V / 21 A	Box
5.08/04/180R		female plug, 5.08 mm, No.			UL: 300 V / 10 A / AWG 26 - AWG 14	
OR BX		of poles: 4, 180°, Crimp				
		connection, Clamping				
		range, max. : 2.5 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/04/180TB RF15 SN OR BX

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Accessories

Blocks for PCB mounting



Minor component, major effect:

Clip-on attachment elements increase the mechanical resilience of the whole plug connection by

- securing the male connectors to the circuit board
- providing a vibration-proof connection between the sockets and the male connectors

Clip-on or pre-assembled - always the right solution:

- Hard-wearing, precise fitting dovetail joint
- Hard-wearing metal threaded inserts
- Suitable for all outlet directions

Maximum stability, minimum effort:

- Extremely resilient for frequent fastening operations
- Complete set for easy selection

The result: soldering points, contacts and overall module are more resilient against mechanical stress such as vibrations and tensile loads.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLA BB4 OR	1571720000	PCB plug-in connector, Accessories, Mounting block, Orange, No. of poles: 1	400819009899550	pc(s).	UL:	Box
SLA BB8 RH OR	1446060000	PCB plug-in connector, Accessories, Mounting block, Orange, No. of poles: 1	400819008458520	pc(s).	UL:	Box

OMNIMATE Signal - series BL/SL 5.08 SLS 5.08/04/180TB RF15 SN OR BX

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Accessories

Additional accessories



No task is too small when creating the perfect solution. br />

Connections form just one part of the overall process. Small details are often the key to the perfect solution in applications where potentials are tested, grouped or even isolated.

A system is not a system without small but useful details:

- Test plugs - ensure reliable pick-up from diagnostic sockets
- Cross-connectors - ensure a stable electrical distribution contact directly at the connection
- Compartment partition elements - divide a large number of male connectors into several separate socket connector channels
- Locks and clips - optional vibration-resistant clip-on connection or mounting for male and female connectors

In tandem with the manufacturing process and application - more accessories = smaller workload

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL AT SW	1770240000	PCB plug-in connector, Accessories, Partition element, Black, No. of poles: 1	4032248117710	100 pc(s).	UL:	Box
SL AT OR	1598300000	PCB plug-in connector, Accessories, Partition element, Orange, No. of poles: 1	4008190189266	100 pc(s).	UL:	Box

Coding elements



Only connects what is supposed to be connected: the right connection at the right place.

Coding elements and locking devices clearly assign connecting elements during the manufacturing process and operation

The coding elements and locking devices are inserted prior to assembly or during the cable assembly phase. The Weidmüller alternative: configure online using the variant configurator to precode prior to delivery.

Incorrect assembly on the circuit board and incorrect plugging of connecting elements is no longer possible. The advantage: no troubleshooting during manufacture and no operational errors by the user.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BLZ/SL KO BK	1545710000	PCB plug-in connector, Accessories, Coding	4008190087142	50 pc(s).	UL:	Box

**OMNIMATE Signal - series BL/SL 5.08
SLS 5.08/04/180TB RF15 SN OR BX**

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Accessories

	element, Black, No. of poles: 1			
BLZ/SL KO OR 1573010000 BX	PCB plug-in connector, Accessories, Coding	4008190048396 100 pc(s).	UL:	Box