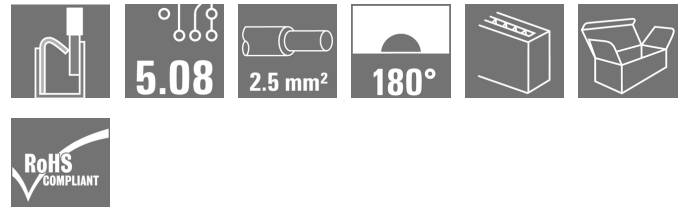


OMNIMATE Signal - series BL/SL 5.08 SLF 5.08/12/180 SN BK BX

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Product image



Similar to illustration

Male plug with PUSH IN wire connection and straight outlet direction, when used with BLF 5.08HC as wire-to-wire application for panel feed-through The male plugs provide space for labelling and can be coded.

General ordering data

Type	SLF 5.08/12/180 SN BK BX
Order No.	1335750000
Version	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 12, 180°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm², Box
GTIN (EAN)	4050118139075
Qty.	30 pc(s).
Product data	IEC: 400 V / 25.9 A / 0.2 - 2.5 mm² UL: 300 V / 14 A / AWG 26 - AWG 12
Packaging	Box

Creation date May 3, 2020 3:42:42 AM CEST

**OMNIMATE Signal - series BL/SL 5.08
SLF 5.08/12/180 SN BK BX**

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Technical data**Dimensions and weights**

Height	14.2 mm	Height (inches)	0.559 inch
Depth	30 mm	Depth (inches)	1.181 inch
Net weight	21.376 g		

System Parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Type of connection	Field connection
Wire connection method	PUSH IN, Spring connection	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	Conductor outlet direction	180°
Number of poles	12	L1 in mm	55.88 mm
L1 in inches	2.2 inch	Pin series quantity	1
Rated cross-section	2.5 mm ²	Touch-safe protection acc. to DIN VDE 57 106	finger-safe plugged/ back-of-hand-safe unplugged
Volume resistance	≤ 5mΩ	Can be coded	Yes
Stripping length	10 mm	Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264	Plugging cycles	25
Plugging force/pole, max.	7 N	Pulling force/pole, max.	5.5 N

Material data

Insulating material	PBT	Colour	black
Colour of operational elements	orange	Material of operational elements	PBT
Colour chart (similar)	RAL 9011	Insulation strength	≥ 10 ⁸ Ω
UL 94 flammability rating	V-0	GWFI	960 °C
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.	50 °C	Max. relative humidity during storage	70 %
Operating temperature, min.	-50 °C	Operating temperature, max.	100 °C
Temperature range, installation, min.	-25 °C	Temperature range, installation, max.	100 °C

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, 0.2 mm ² min.	
w. plastic collar ferrule, DIN 46228 pt 4, 2.5 mm ² max.	
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
Plug gauge in accordance with EN 60999 a x b; ø	2.8 mm x 2.0 mm

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Technical data

Clampable conductor	Cross-section for conductor connection	Type	fine-wired	
		nominal	0.5 mm ²	
	wire end ferrule	Stripping length	nominal	12 mm
		Recommended wire-end ferrule	H0.5/16 OR	
		Stripping length	nominal	10 mm
		Recommended wire-end ferrule	H0.5/10	
	Cross-section for conductor connection	Type	fine-wired	
		nominal	0.75 mm ²	
	wire end ferrule	Stripping length	nominal	12 mm
		Recommended wire-end ferrule	H0.75/16 W	
		Stripping length	nominal	10 mm
		Recommended wire-end ferrule	H0.75/10	
	Cross-section for conductor connection	Type	fine-wired	
		nominal	1 mm ²	
	wire end ferrule	Stripping length	nominal	12 mm
		Recommended wire-end ferrule	H1.0/16D R	
		Stripping length	nominal	10 mm
		Recommended wire-end ferrule	H1.0/10	
	Cross-section for conductor connection	Type	fine-wired	
		nominal	1.5 mm ²	
wire end ferrule	Stripping length	nominal	10 mm	
	Recommended wire-end ferrule	H1.5/10		
	Stripping length	nominal	12 mm	
	Recommended wire-end ferrule	H1.5/16 R		
Cross-section for conductor connection	Type	fine-wired		
	nominal	2.5 mm ²		
wire end ferrule	Stripping length	nominal	10 mm	
	Recommended wire-end ferrule	H2.5/10		
Reference text	The outside diameter of the plastic collar should not be larger than the pitch (P), Length of ferrules is to be chosen depending on the product and the rated voltage.			
Max. clamping range	3.31 mm ²			


Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	25.9 A
Rated current, max. number of poles (Tu=20°C)	21.7 A	Rated current, min. number of poles (Tu=40°C)	22.5 A
Rated current, max. number of poles (Tu=40°C)	18.5 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


**OMNIMATE Signal - series BL/SL 5.08
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Technical data**Rated data acc. to CSA**

Institute (CSA)		Certificate No. (CSA)	200039-1121690
Rated voltage (Use group B / CSA)	300 V	Rated voltage (Use group D / CSA)	300 V
Rated current (Use group B / CSA)	10 A	Rated current (Use group D / CSA)	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.		

Rated data acc. to UL 1059

Institute (cURus)		Certificate No. (cURus)	E60693
Rated voltage (Use group B / UL 1059)	300 V	Rated voltage (Use group D / UL 1059)	300 V
Rated current (Use group B / UL 1059)	14 A	Rated current (Use group D / UL 1059)	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.		

Packing

Packaging	Box	VPE length	35 mm
VPE width	135 mm	VPE height	350 mm

Classifications

ETIM 6.0	EC002638	ETIM 7.0	EC002638
eClass 9.0	27-44-03-09	eClass 9.1	27-44-03-09
eClass 10.0	27-44-03-09		

Notes

Notes	<ul style="list-style-type: none"> • Additional colours on request • Gold-plated contact surfaces 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 • Crimping shape "A" for wire end ferrules with PZ 6/5 crimping tool recommended. • The test point can only be used as potential-pickup point.
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.

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Data sheet**OMNIMATE Signal - series BL/SL 5.08
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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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White paper PUSH IN wire connection

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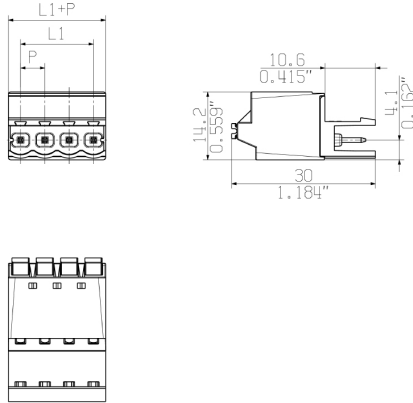
Data sheet

**OMNIMATE Signal - series BL/SL 5.08
SLF 5.08/12/180 SN BK BX**

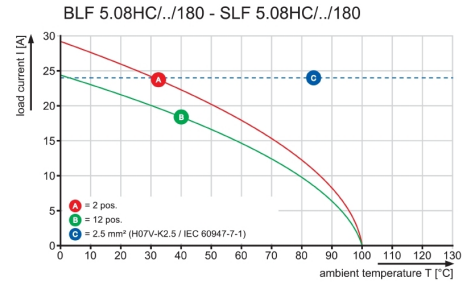
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Drawings

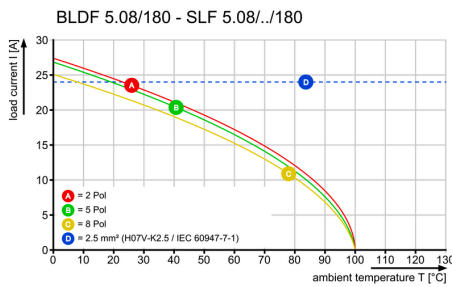
Dimensional drawing



Graph



Graph



Product benefits



Uncompromising functionality
High vibration resistance

Product benefits



Solid PUSH IN contact
Safe and durable

Product benefits



Lower assembly costs
Secure in a matter of seconds

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Mating connector (fully pluggable)
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	BLZP 5.08HC/12/225 SN B ...	Version	Product data	Packaging
Order No.	1946660000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248622436	225°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	UL: 300 V / 15 A / AWG 26 - AWG 12	
Qty.	30 pc(s).			
Type	BLZP 5.08HC/12/225 SN O ...	Version	Product data	Packaging
Order No.	1946350000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248622122	225°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	UL: 300 V / 15 A / AWG 26 - AWG 12	
Qty.	30 pc(s).			

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	BLZP 5.08HC/12/270 SN B ...	Version	Product data	Packaging
Order No.	1949120000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248626571	270°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	UL: 300 V / 20 A / AWG 26 - AWG 12	
Qty.	30 pc(s).			
Type	BLZP 5.08HC/12/270 SN O ...	Version	Product data	Packaging
Order No.	1948890000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248626342	270°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	UL: 300 V / 20 A / AWG 26 - AWG 12	
Qty.	30 pc(s).			

**OMNIMATE Signal - series BL/SL 5.08
SLF 5.08/12/180 SN BK BX**

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Mating connector (fully 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	BLZP 5.08HC/12/180 SN O ...	Version	Product data	Packaging
Order No.	1943680000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248617692	180°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	UL: 300 V / 20 A / AWG 26 - AWG 12	
Qty.	30 pc(s).			
Type	BLZP 5.08HC/12/180 SN B ...	Version	Product data	Packaging
Order No.	1943910000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248618040	180°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	UL: 300 V / 20 A / AWG 26 - AWG 12	
Qty.	30 pc(s).			

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	BLF 5.08HC/12/180 SN BK ...	Version	Product data	Packaging
Order No.	1013540000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248721689	180°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ² , Box	UL: 300 V / 18.5 A / AWG 26 - AWG 12	
Qty.	30 pc(s).			
Type	BLF 5.08HC/12/180 SN OR ...	Version	Product data	Packaging
Order No.	1013790000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248721900	180°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ² , Box	UL: 300 V / 18.5 A / AWG 26 - AWG 12	
Qty.	30 pc(s).			

**OMNIMATE Signal - series BL/SL 5.08
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Mating connector (fully pluggable)
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	BLZP 5.08HC/12/90 SN BK ...	Version	Product data	Packaging
Order No.	1948340000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248624867	90°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	UL: 300 V / 20 A / AWG 26 - AWG 12	
Qty.	30 pc(s).			
Type	BLZP 5.08HC/12/90 SN OR ...	Version	Product data	Packaging
Order No.	1948110000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248624539	90°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	UL: 300 V / 20 A / AWG 26 - AWG 12	
Qty.	30 pc(s).			

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

**OMNIMATE Signal - series BL/SL 5.08
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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	BLF 5.08HC/12/90 SN OR ...	Version	Product data	Packaging
Order No.	1001630000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248693436	90°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ² ,	UL: 300 V / 18.5 A / AWG 26 - AWG	
Qty.	30 pc(s).	Box	12	
Type	BLF 5.08HC/12/90 SN BK ...	Version	Product data	Packaging
Order No.	1000130001	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248690084	90°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ² ,	UL: 300 V / 18.5 A / AWG 26 - AWG	
Qty.	30 pc(s).	Box	12	

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

**OMNIMATE Signal - series BL/SL 5.08
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Mating connector (fully pluggable)**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	BLF 5.08HC/12/270 SN BK ...	Version	Product data	Packaging
Order No.	1982030000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248685721	270°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ² ,	UL: 300 V / 18.5 A / AWG 26 - AWG	
Qty.	30 pc(s).	Box	12	
Type	BLF 5.08HC/12/270 SN OR ...	Version	Product data	Packaging
Order No.	1982800000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248686896	270°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ² ,	UL: 300 V / 18.5 A / AWG 26 - AWG	
Qty.	30 pc(s).	Box	12	

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	BLZP 5.08HC/12/225B SN ...	Version	Product data	Packaging
Order No.	1945850000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248621378	225°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	UL: 300 V / 15 A / AWG 26 - AWG 12	
Qty.	24 pc(s).			
Type	BLZP 5.08HC/12/225B SN ...	Version	Product data	Packaging
Order No.	1946080000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248621620	225°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box	UL: 300 V / 15 A / AWG 26 - AWG 12	
Qty.	24 pc(s).			

**OMNIMATE Signal - series BL/SL 5.08
SLF 5.08/12/180 SN BK BX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (fully pluggable)
BLL 5.08/180


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

General ordering data

Type	BLL 5.08/12/180 3.2 SN ...	Version	Product data	Packaging
Order No.	1630810000	PCB plug-in connector, female header, closed side, THT solder	IEC: 400 V / 23 A	Box
GTIN (EAN)	4008190204242	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length	UL: 300 V / 15 A	
Qty.	30 pc(s).	(I): 3.2 mm, tinned, orange, Box		

BLL 5.08/90


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

General ordering data

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

**OMNIMATE Signal - series BL/SL 5.08
SLF 5.08/12/180 SN BK BX**

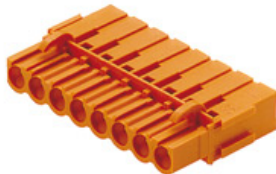
Weidmüller Interface GmbH & Co. KG
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Mating connector (fully pluggable)
BLDT 5.08B


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	BLDT 5.08/12/-B SN BK BX	Version	Product data	Packaging
Order No.	1673880000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 14 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4008190435615	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² ,	UL: 300 V / 10 A / AWG 26 - AWG 12	
Qty.	20 pc(s).	Box		
Type	BLDT 5.08/12/-B SN OR BX	Version	Product data	Packaging
Order No.	1651840000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 14 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4008190400521	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² ,	UL: 300 V / 10 A / AWG 26 - AWG 12	
Qty.	20 pc(s).	Box		

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	BLC 5.08/12/180BR BK BX	Version	Product data	Packaging
Order No.	1712210000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 21 A	Box
GTIN (EAN)	4008190935221	180°, Crimp connection, Clamping range, max. : 2.5 mm ² , Box	UL: 300 V / 10 A / AWG 26 - AWG 14	
Qty.	50 pc(s).			
Type	BLC 5.08/12/180BR OR BX	Version	Product data	Packaging
Order No.	1649470000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 21 A	Box
GTIN (EAN)	4008190294588	180°, Crimp connection, Clamping range, max. : 2.5 mm ² , Box	UL: 300 V / 10 A / AWG 26 - AWG 14	
Qty.	50 pc(s).			

**OMNIMATE Signal - series BL/SL 5.08
SLF 5.08/12/180 SN BK BX**

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Mating connector (fully pluggable)

BLL 5.08/180B



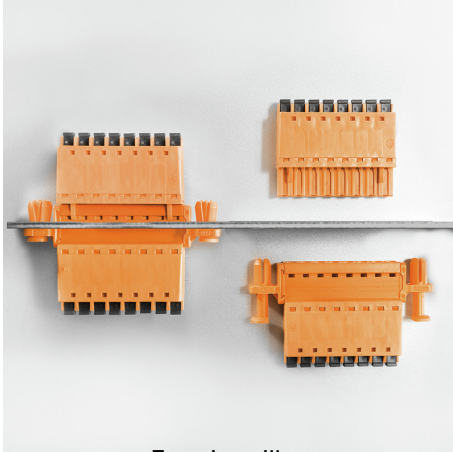
Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

General ordering data

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

Data sheet**OMNIMATE Signal - series BL/SL 5.08
SLF 5.08/12/180 SN BK BX**

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Drawings**Product benefits**

Easy handling
No implementation framework necessary