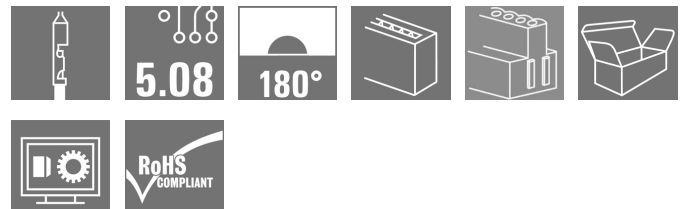


**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/08/180BR OR BX**

**Weidmüller Interface GmbH & Co. KG**  
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D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

**Product image**

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

**General ordering data**

Type	BLC 5.08/08/180BR OR BX
Order No.	<a href="#">1649430000</a>
Version	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 8, 180°, Crimp connection, Clamping range, max. : 2.5 mm <sup>2</sup> , Box
GTIN (EAN)	4008190294540
Qty.	50 pc(s).
Product data	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14
Packaging	Box

Creation date May 3, 2020 4:40:13 PM CEST

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Technical data

#### Dimensions and weights

Width	42.64 mm	Width (inches)	1.679 inch
Height	10.1 mm	Height (inches)	0.398 inch
Depth	24.5 mm	Depth (inches)	0.965 inch
Net weight	2.14 g		

#### System Parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Type of connection	Field connection
Wire connection method	Crimp connection	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	Conductor outlet direction	180°
Number of poles	8	L1 in mm	35.56 mm
L1 in inches	1.4 inch	Number of rows	1
Pin series quantity	1	Rated cross-section	2.5 mm <sup>2</sup>
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch	Volume resistance	≤ 5mΩ
Can be coded	Yes	Stripping length	5 mm
Plugging cycles	25	Plugging force/pole, max.	8.5 N
Pulling force/pole, max.	6.5 N		

#### Material data

Insulating material	PBT GF	Colour	orange
Colour chart (similar)	RAL 2000	Insulating material group	IIIa
Comparative Tracking Index (CTI)	≥ 200	Insulation strength	≥ 10 <sup>8</sup> Ω
UL 94 flammability rating	V-0	Contact material	Copper alloy
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.	0.22 mm <sup>2</sup>	Clamping range, max.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 24	Wire connection cross section AWG, max.	AWG 14
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>	Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
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	2.5 mm <sup>2</sup>


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

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	21 A
Rated current, max. number of poles (Tu=20°C)	14.5 A	Rated current, min. number of poles (Tu=40°C)	18 A
Rated current, max. number of poles (Tu=40°C)	12.5 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

**Rated data acc. to CSA**

Institute (CSA)		Certificate No. (CSA)	12400-374
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 14
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

**Rated data acc. to UL 1059**

Institute (UR)		Certificate No. (UR)	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)	10 A	Rated current (Use group D / UL 1059)	10 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 14
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

**Packing**

Packaging	Box	VPE length	63 mm
VPE width	113 mm	VPE height	144 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	UNSPSC	30-21-18-10

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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## Technical data

### Notes

Notes

- Additional colours on request
- Rated current related to rated cross-section & min. No. of poles.
- Rated cross-section depends on crimp contact used.
- 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.

### Approvals

Approvals



ROHS

Conform

### Downloads

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

Brochure/Catalogue

[FL DRIVES EN](#)  
[MB DEVICE MANUF. EN](#)  
[FL DRIVES DE](#)  
[CAT 2 PORTFOLIOGUIDE EN](#)  
[FL BUILDING SAFETY EN](#)  
[FL APPL LED LIGHTING EN](#)  
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[FL BASE STATION EN](#)  
[FL ELEVATOR EN](#)  
[FL POWER SUPPLY EN](#)  
[FL 72H SAMPLE SER EN](#)  
[PO OMNIMATE EN](#)

Engineering Data

[WSCAD](#)

Engineering Data

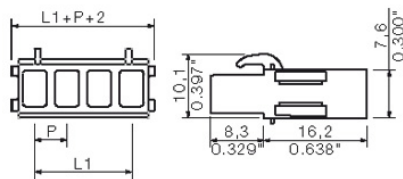
[STEP](#)

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

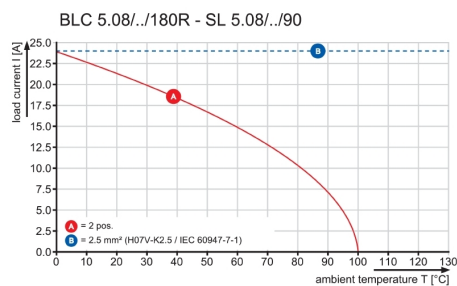
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## Drawings

### Dimensional drawing



### Graph



## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SLS 5.08TB KF35



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 5.08/08/180TB KF SN ...	Version	Product data	Packaging
Order No.	<a href="#">1846150000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8,	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup>	Box
GTIN (EAN)	4032248362431	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,	UL: 300 V / 14 A / AWG 26 - AWG 12	
Qty.	10 pc(s).	Box		

#### SL-SMT 5.08/180 Tape



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SL-SMT 5.08HC/08/180 1. ....	Version	Product data	Packaging
Order No.	<a href="#">1775664001</a>	PCB plug-in connector, male header, open side, THT/THR solder	IEC: 400 V / 27.5 A	Tape
GTIN (EAN)	4032248159642	connection, 5.08 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	250 pc(s).	1.5 mm, tinned, black, Tape		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL-SMT 5.08/180G Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SL-SMT 5.08HC/08/180G 1 ...	Version	Product data	Packaging
Order No.	<a href="#">1775982001</a>	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 400 V / 27.5 A	Box
GTIN (EAN)	4032248158973	connection, 5.08 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	1.5 mm, tinned, black, Box		
Type	SL-SMT 5.08HC/08/180G 3 ...	Version	Product data	Packaging
Order No.	<a href="#">1838270000</a>	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 400 V / 27.5 A	Box
GTIN (EAN)	4032248348336	connection, 5.08 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, black, Box		

#### SL 5.08/135



Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

#### General ordering data

Type	SL 5.08/08/135 3.2SN OR ...	Version	Product data	Packaging
Order No.	<a href="#">1603120000</a>	PCB plug-in connector, male header, open side, THT solder	IEC: 400 V / 17 A	Box
GTIN (EAN)	4008190159771	connection, 5.08 mm, Number of poles: 8, 135°, Solder pin length (l):	UL: 300 V / 15 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL-SMT 5.08/270GH Box

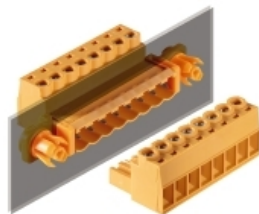


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SL-SMT 5.08HC/08/270GH ...	Version	Product data	Packaging
Order No.	<a href="#">1877080000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 8, 270°, Solder pin length (l): 1.5 mm, tinned, black, Box	IEC: 400 V / 27.5 A UL: 300 V / 18.5 A	Box
GTIN (EAN)	4032248467563			
Qty.	50 pc(s).			
Type	SL-SMT 5.08HC/08/270GH ...	Version	Product data	Packaging
Order No.	<a href="#">1877450000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 8, 270°, Solder pin length (l): 3.2 mm, tinned, black, Box	IEC: 400 V / 27.5 A UL: 300 V / 18.5 A	Box
GTIN (EAN)	4032248468065			
Qty.	50 pc(s).			

#### SLS 5.08/180DF SN



Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

#### General ordering data

Type	SLS 5.08/08/180DF SN OR ...	Version	Product data	Packaging
Order No.	<a href="#">1353540000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm², UL: 300 V / 14 A / AWG 26 - AWG 12	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm² UL: 300 V / 14 A / AWG 26 - AWG 12	Box
GTIN (EAN)	4050118156058			
Qty.	24 pc(s).	Box		



## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL 5.08HC/180B



Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

#### General ordering data

Type	SL 5.08HC/08/180B 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1147510000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT	IEC: 400 V / 24 A	Box
GTIN (EAN)	4032248934645	solder connection, 5.08 mm, Number of poles: 8, 180°, Solder pin	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	length (l): 3.2 mm, tinned, orange, Box		
Type	SL 5.08HC/08/180B 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1149600000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT	IEC: 400 V / 24 A	Box
GTIN (EAN)	4032248935000	solder connection, 5.08 mm, Number of poles: 8, 180°, Solder pin	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	length (l): 3.2 mm, tinned, black, Box		

#### SLDV 5.08/90B



Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SLD 5.08V/16/90B 3.2 SN ...	Version	Product data	Packaging
Order No.	<a href="#">1726340000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT	IEC: 400 V / 17 A	Box
GTIN (EAN)	4032248061310	solder connection, 5.08 mm, Number of poles: 16, 90°, Solder pin	UL: 300 V / 10 A	
Qty.	20 pc(s).	length (l): 3.2 mm, tinned, orange, Box		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL 5.08/180B



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

#### General ordering data

Type	SL 5.08/08/180B 3.2SN O ...	Version	Product data	Packaging
Order No.	<a href="#">1520160000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT	IEC: 400 V / 18 A	Box
GTIN (EAN)	4008190136741	solder connection, 5.08 mm, Number of poles: 8, 180°, Solder pin	UL: 300 V / 15 A	
Qty.	50 pc(s).	length (l): 3.2 mm, tinned, orange, Box		

#### SL-SMT 5.08HC/90 Box



High-temperature-resistant, 90° angled, open male header. Packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

#### General ordering data

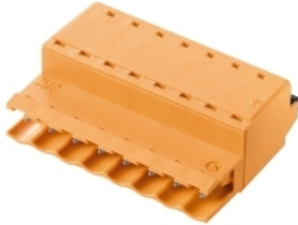
Type	SL-SMT 5.08HC/08/90 3.2 ...	Version	Product data	Packaging
Order No.	<a href="#">1780010000</a>	PCB plug-in connector, male header, open side, THT/THR solder	IEC: 400 V / 27.5 A	Box
GTIN (EAN)	4032248165339	connection, 5.08 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, black, Box		
Type	SL-SMT 5.08HC/08/90 1.5 ...	Version	Product data	Packaging
Order No.	<a href="#">1774822001</a>	PCB plug-in connector, male header, open side, THT/THR solder	IEC: 400 V / 27.5 A	Box
GTIN (EAN)	4032248155866	connection, 5.08 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	1.5 mm, tinned, black, Box		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SLF 5.08/180 SN



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 5.08/08/180 SN BK BX	Version	Product data	Packaging
Order No.	<a href="#">1335670000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8,	IEC: 400 V / 25.9 A / 0.2 - 2.5 mm <sup>2</sup>	Box
GTIN (EAN)	4050118139006	180°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm <sup>2</sup> , UL: 300 V / 14 A / AWG 26 - AWG 12		
Qty.	42 pc(s).	Box		
Type	SLF 5.08/08/180 SN OR BX	Version	Product data	Packaging
Order No.	<a href="#">1335390000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8,	IEC: 400 V / 25.9 A / 0.2 - 2.5 mm <sup>2</sup>	Box
GTIN (EAN)	4050118138665	180°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm <sup>2</sup> , UL: 300 V / 14 A / AWG 26 - AWG 12		
Qty.	42 pc(s).	Box		

#### SL-SMT 5.08HC/90G Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SL-SMT 5.08HC/08/90G 1. ...	Version	Product data	Packaging
Order No.	<a href="#">1775062001</a>	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 400 V / 27.5 A	Box
GTIN (EAN)	4032248156528	connection, 5.08 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	1.5 mm, tinned, black, Box		
Type	SL-SMT 5.08HC/08/90G 3. ...	Version	Product data	Packaging
Order No.	<a href="#">1780240000</a>	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 400 V / 27.5 A	Box
GTIN (EAN)	4032248165568	connection, 5.08 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, black, Box		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL 5.08HC/90G

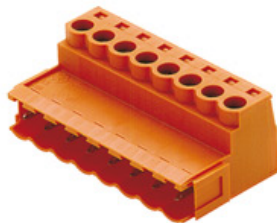


Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

#### General ordering data

Type	SL 5.08HC/08/90G 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1155390000</a>	PCB plug-in connector, male header, closed side, THT solder	IEC: 400 V / 24 A	Box
GTIN (EAN)	4050118050523	connection, 5.08 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, black, Box		
Type	SL 5.08HC/08/90G 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1147450000</a>	PCB plug-in connector, male header, closed side, THT solder	IEC: 400 V / 24 A	Box
GTIN (EAN)	4050118051216	connection, 5.08 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		

#### SLS 5.08/180B



Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

#### General ordering data

Type	SLS 5.08/08/180B SN OR ...	Version	Product data	Packaging
Order No.	<a href="#">1627300000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8,	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup>	Box
GTIN (EAN)	4008190199814	180°, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> ,	UL: 300 V / 14 A / AWG 26 - AWG 12	
Qty.	42 pc(s).	Box		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL-SMT 5.08/270GL Box



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SL-SMT 5.08HC/08/270GL ...	Version	Product data	Packaging
Order No.	<a href="#">1877180000</a>	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 400 V / 27.5 A	Box
GTIN (EAN)	4032248467839	connection, 5.08 mm, Number of poles: 8, 270°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	1.5 mm, tinned, black, Box		
Type	SL-SMT 5.08HC/08/270GL ...	Version	Product data	Packaging
Order No.	<a href="#">1877550000</a>	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 400 V / 27.5 A	Box
GTIN (EAN)	4032248468171	connection, 5.08 mm, Number of poles: 8, 270°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, black, Box		

#### SLDV 5.08/90



Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SLD 5.08V/16/90 3.2 SN ...	Version	Product data	Packaging
Order No.	<a href="#">1725230000</a>	PCB plug-in connector, male header, open side, THT solder	IEC: 400 V / 17 A	Box
GTIN (EAN)	4032248060634	connection, 5.08 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	20 pc(s).	3.2 mm, tinned, orange, Box		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL 5.08/90B



Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

#### General ordering data

Type	SL 5.08/08/90B 3.2SN OR ...	Version	Product data	Packaging
Order No.	<a href="#">1510960000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT	IEC: 400 V / 18 A	Box
GTIN (EAN)	4008190167295	solder connection, 5.08 mm, Number of poles: 8, 90°, Solder pin	UL: 300 V / 15 A	
Qty.	50 pc(s).	length (l): 3.2 mm, tinned, orange, Box		

#### SL-SMT 5.08/270GL Tape



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SL-SMT 5.08/08/270GL 3. ...	Version	Product data	Packaging
Order No.	<a href="#">1877940000</a>	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 400 V / 27.5 A	Tape
GTIN (EAN)	4032248468614	connection, 5.08 mm, Number of poles: 8, 270°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	350 pc(s).	3.2 mm, tinned, black, Tape		
Type	SL-SMT 5.08HC/08/270GL ...	Version	Product data	Packaging
Order No.	<a href="#">1877800000</a>	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 400 V / 27.5 A	Tape
GTIN (EAN)	4032248468454	connection, 5.08 mm, Number of poles: 8, 270°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	350 pc(s).	1.5 mm, tinned, black, Tape		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL 5.08/90



Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

#### General ordering data

Type	SL 5.08/08/90 3.2SN OR ...	Version	Product data	Packaging
Order No.	<a href="#">1508660000</a>	PCB plug-in connector, male header, open side, THT solder	IEC: 400 V / 18 A	Box
GTIN (EAN)	4008190178376	connection, 5.08 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 15 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		

#### SL 5.08HC/180



Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

#### General ordering data

Type	SL 5.08HC/08/180 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1146490000</a>	PCB plug-in connector, male header, open side, THT solder	IEC: 400 V / 24 A	Box
GTIN (EAN)	4032248108855	connection, 5.08 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		

Type	SL 5.08HC/08/180 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1148250000</a>	PCB plug-in connector, male header, open side, THT solder	IEC: 400 V / 24 A	Box
GTIN (EAN)	4032248933341	connection, 5.08 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, black, Box		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SLDV 5.08/180B



Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SLD 5.08V/16/180B 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1726800000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT	IEC: 400 V / 14 A	Box
GTIN (EAN)	4032248062683	solder connection, 5.08 mm, Number of poles: 16, 180°, Solder pin	UL: 300 V / 10 A	
Qty.	20 pc(s).	length (l): 3.2 mm, tinned, orange, Box		

#### SLT 5.08B



Male plugs with screw TOP wire connection. The male plug provides space for labelling and can be coded.

#### General ordering data

Type	SLT 5.08/08/180B SN OR ...	Version	Product data	Packaging
Order No.	<a href="#">1611770000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8,	IEC: 400 V / 16 A / 0.2 - 2.5 mm²	Box
GTIN (EAN)	4008190192655	180°, TOP connection, Clamping range, max. : 2.5 mm², Box	UL: 300 V / 15 A / AWG 26 - AWG 14	
Qty.	50 pc(s).			



## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL 5.08HC/90B



Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

#### General ordering data

Type	SL 5.08HC/08/90B 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1154830000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT	IEC: 400 V / 24 A	Box
GTIN (EAN)	4050118050981	solder connection, 5.08 mm, Number of poles: 8, 90°, Solder pin	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	length (l): 3.2 mm, tinned, orange, Box		
Type	SL 5.08HC/08/90B 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1155640000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT	IEC: 400 V / 24 A	Box
GTIN (EAN)	4050118050295	solder connection, 5.08 mm, Number of poles: 8, 90°, Solder pin	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	length (l): 3.2 mm, tinned, black, Box		

#### SLF 5.08/180B SN



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 5.08/08/180B SN OR ...	Version	Product data	Packaging
Order No.	<a href="#">1335510000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8,	IEC: 400 V / 25.9 A / 0.2 - 2.5 mm <sup>2</sup>	Box
GTIN (EAN)	4050118140125	180°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm <sup>2</sup> , UL: 300 V / 14 A / AWG 26 - AWG 12		
Qty.	42 pc(s).	Box		
Type	SLF 5.08/08/180B SN BK ...	Version	Product data	Packaging
Order No.	<a href="#">1335900000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8,	IEC: 400 V / 25.9 A / 0.2 - 2.5 mm <sup>2</sup>	Box
GTIN (EAN)	4050118139303	180°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm <sup>2</sup> , UL: 300 V / 14 A / AWG 26 - AWG 12		
Qty.	42 pc(s).	Box		

**OMNIMATE Signal - series BL/SL 5.08**  
**BLC 5.08/08/180BR OR BX**

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**Mating connector (fully pluggable)****SL 5.08HC/180G**

Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

**General ordering data**

Type	SL 5.08HC/08/180G 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1146870000</a>	PCB plug-in connector, male header, closed side, THT solder	IEC: 400 V / 24 A	Box
GTIN (EAN)	4032248932900	connection, 5.08 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		
Type	SL 5.08HC/08/180G 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1148830000</a>	PCB plug-in connector, male header, closed side, THT solder	IEC: 400 V / 24 A	Box
GTIN (EAN)	4032248107285	connection, 5.08 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, black, Box		

**SL 5.08HC/90**

Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

**General ordering data**

Type	SL 5.08HC/08/90 3.2SN B ...	Version	Product data	Packaging
Order No.	<a href="#">1155090000</a>	PCB plug-in connector, male header, open side, THT solder	IEC: 400 V / 24 A	Box
GTIN (EAN)	4050118050752	connection, 5.08 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, black, Box		
Type	SL 5.08HC/08/90 3.2SN O ...	Version	Product data	Packaging
Order No.	<a href="#">1146850000</a>	PCB plug-in connector, male header, open side, THT solder	IEC: 400 V / 24 A	Box
GTIN (EAN)	4050118051445	connection, 5.08 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL 5.08/135B



Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

#### General ordering data

Type	SL 5.08/08/135B 3.2SN O ...	Version	Product data	Packaging
Order No.	<a href="#">1605590000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT	IEC: 400 V / 17 A	Box
GTIN (EAN)	4008190027155	solder connection, 5.08 mm, Number of poles: 8, 135°, Solder pin	UL: 300 V / 15 A	
Qty.	50 pc(s).	length (l): 3.2 mm, tinned, orange, Box		

#### SLDV 5.08/180



Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SLD 5.08V/16/180 3.2SN ...	Version	Product data	Packaging
Order No.	<a href="#">1725710000</a>	PCB plug-in connector, male header, open side, THT solder	IEC: 400 V / 14 A	Box
GTIN (EAN)	4032248062003	connection, 5.08 mm, Number of poles: 16, 180°, Solder pin length	UL: 300 V / 10 A	
Qty.	20 pc(s).	(l): 3.2 mm, tinned, orange, Box		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL-SMT 5.08/270GH Tape



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SL-SMT 5.08/08/270GH 3. ...	Version	Product data	Packaging
Order No.	<a href="#">1877870000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 8, 270°, Solder pin length (l):	IEC: 400 V / 27.5 A UL: 300 V / 18.5 A	Tape
GTIN (EAN)	4032248468522			
Qty.	285 pc(s).	3.2 mm, tinned, black, Tape		
Type	SL-SMT 5.08HC/08/270GH ...	Version	Product data	Packaging
Order No.	<a href="#">1877650000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 8, 270°, Solder pin length (l):	IEC: 400 V / 27.5 A UL: 300 V / 18.5 A	Tape
GTIN (EAN)	4032248468249			
Qty.	285 pc(s).	1.5 mm, tinned, black, Tape		

#### SL 5.08/180



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

#### General ordering data

Type	SL 5.08/08/180 3.2SN OR ...	Version	Product data	Packaging
Order No.	<a href="#">1517860000</a>	PCB plug-in connector, male header, open side, THT solder connection, 5.08 mm, Number of poles: 8, 180°, Solder pin length (l):	IEC: 400 V / 18 A UL: 300 V / 15 A	Box
GTIN (EAN)	4008190170264			
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SLS 5.08TB RF15



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 5.08/08/180TB RF15 ...	Version	Product data	Packaging
Order No.	<a href="#">1846070000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8,	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup>	Box
GTIN (EAN)	4032248362356	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,	UL: 300 V / 14 A / AWG 26 - AWG 12	
Qty.	10 pc(s).	Box		

#### SLS 5.08/180 SN



Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

#### General ordering data

Type	SLS 5.08/08/180 SN OR BX	Version	Product data	Packaging
Order No.	<a href="#">1627150000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8,	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup>	Box
GTIN (EAN)	4008190199661	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,	UL: 300 V / 14 A / AWG 26 - AWG 12	
Qty.	42 pc(s).	Box		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL-SMT 5.08HC/90 Tape



High-temperature-resistant, 90° angled, open male header. Packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SL-SMT 5.08HC/08/90 1.5 ...	Version	Product data	Packaging
Order No.	<a href="#">1774824001</a>	PCB plug-in connector, male header, open side, THT/THR solder	IEC: 400 V / 27.5 A	Tape
GTIN (EAN)	4032248167715	connection, 5.08 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	350 pc(s).	1.5 mm, tinned, black, Tape		

#### SL-SMT 5.08HC/90G Tape



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

#### General ordering data

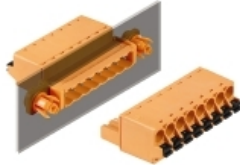
Type	SL-SMT 5.08HC/08/90G 1. ...	Version	Product data	Packaging
Order No.	<a href="#">1061940000</a>	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 400 V / 27.5 A	Tape
GTIN (EAN)	4032248811489	connection, 5.08 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 18.5 A	
Qty.	285 pc(s).	1.5 mm, tinned, black, Tape		

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SLF 5.08/180DF SN

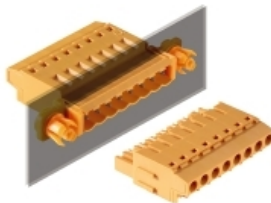


Male plug with PUSH IN wire connection and straight outlet direction, when used with BLF 5.08HC as wire-to-wire application for panel feed-through. The male plugs provide space for labelling and can be coded.

#### General ordering data

Type	SLF 5.08/08/180DF SN OR ...	Version	Product data	Packaging
Order No.	<a href="#">1353650000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8,	IEC: 400 V / 25.9 A / 0.2 - 2.5 mm <sup>2</sup>	Box
GTIN (EAN)	4050118156379	180°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm <sup>2</sup> , UL: 300 V / 14 A / AWG 26 - AWG 12		
Qty.	24 pc(s).	Box		

#### SLT 5.08/180DF SN



Male plugs with screw TOP wire connection. The male plug provides space for labelling and can be coded.

#### General ordering data

Type	SLT 5.08/08/180DF SN OR ...	Version	Product data	Packaging
Order No.	<a href="#">1353430000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8,	IEC: 400 V / 16 A / 0.2 - 2.5 mm <sup>2</sup>	Box
GTIN (EAN)	4050118155891	180°, TOP connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Box	UL: 300 V / 15 A / AWG 26 - AWG 14	
Qty.	24 pc(s).			

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Mating connector (fully pluggable)

#### SL-SMT 5.08/180 Box

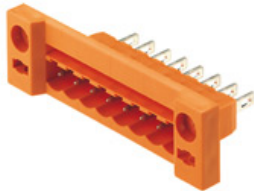


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SL-SMT 5.08HC/08/180 3. ...	Version	Product data	Packaging
Order No.	<a href="#">1838040000</a>	PCB plug-in connector, male header, open side, THT/THR solder connection, 5.08 mm, Number of poles: 8, 180°, Solder pin length (l):	IEC: 400 V / 27.5 A	Box
GTIN (EAN)	4032248348107	3.2 mm, tinned, black, Box	UL: 300 V / 18.5 A	
Qty.	50 pc(s).			
Type	SL-SMT 5.08HC/08/180 1. ...	Version	Product data	Packaging
Order No.	<a href="#">1775662001</a>	PCB plug-in connector, male header, open side, THT/THR solder connection, 5.08 mm, Number of poles: 8, 180°, Solder pin length (l):	IEC: 400 V / 27.5 A	Box
GTIN (EAN)	4032248157600	1.5 mm, tinned, black, Box	UL: 300 V / 18.5 A	
Qty.	50 pc(s).			

#### SLDF 5.08



Male connector for through-panel mounting with optional locking function. Internal connection as flat-blade or solder connection. These male connectors provide space for labelling and can be coded.

#### General ordering data

Type	SLDF 5.08 L/F 8 SN OR BX	Version	Product data	Packaging
Order No.	<a href="#">1599190000</a>	PCB plug-in connector, male header, 5.08 mm, Number of poles: 8, 180°, Flat-blade connection, Solder connection, Box	IEC: 400 V / 15 A	Box
GTIN (EAN)	4008190126544		UL: 300 V / 10 A	
Qty.	30 pc(s).			



## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

**Weidmüller Interface GmbH & Co. KG**  
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Fon: +49 5231 14-0  
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www.weidmuller.com

## 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	SLA BB11R OR	Version	Product data	Packaging
Order No.	<a href="#">1604120000</a>	PCB plug-in connector, Accessories, Mounting block, orange, Number		
GTIN (EAN)	4008190182977	of poles: 1		
Qty.	20 pc(s).			
Type	SLA BB11R SW	Version	Product data	Packaging
Order No.	<a href="#">1692340000</a>	PCB plug-in connector, Accessories, Mounting block, black, Number of		
GTIN (EAN)	4008190864965	poles: 1		
Qty.	20 pc(s).			
Type	SLA BB12R SW	Version	Product data	Packaging
Order No.	<a href="#">1626880000</a>	PCB plug-in connector, Accessories, Mounting block, black, Number of		
GTIN (EAN)	4008190198213	poles: 1		
Qty.	100 pc(s).			
Type	SLA BB12R OR	Version	Product data	Packaging
Order No.	<a href="#">1593450000</a>	PCB plug-in connector, Accessories, Mounting block, orange, Number		
GTIN (EAN)	4008190122164	of poles: 1		
Qty.	100 pc(s).			

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## Accessories

### ... for Weidmüller DFF and ZRV contacts



#### Crimping tools for Weidmüller DFF and ZRV contacts

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.

#### General ordering data

Type	HTF DFF	Version
Order No.	<a href="#">9014140000</a>	Pressing tool, Crimping tool for contacts, 0.22mm <sup>2</sup> , 2.5mm <sup>2</sup> ,
GTIN (EAN)	4008190297305	FoderBcrimp
Qty.	1 pc(s).	

### Crimp contacts



#### For a reliable contact - CB/CS crimp contact.

The combination of RSV housings and Weidmüller's crimp contacts enable custom adaptations to the specific requirements of your applications.

The following product options are available depending on the system:

- Safe centring of the contacts using the three-segment pin tips
- High contact reliability using four defined contact points
- Locking clasp in the cantilever spring for a secure mount of the contacts in the housing
- Pin contacts with two lengths to implement leading-pin contacts
- Up to 100 plugging cycles (tin version)
- Up to 500 plugging cycles (gold version)

The appropriate high-quality tools from Weidmüller guarantee professional processing.

#### General ordering data

Type	DFFC 0.22-0.35 SN 3000	Version	Product data	Packaging
Order No.	<a href="#">1604230000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping		Box
GTIN (EAN)	4008190117498	range : 0.35 mm <sup>2</sup>		
Qty.	3,000 pc(s).			
Type	DFFC 0.5-1.0 SN E	Version	Product data	Packaging
Order No.	<a href="#">1567060000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping		Box
GTIN (EAN)	4008190166991	range : 1 mm <sup>2</sup>		
Qty.	250 pc(s).			

## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/08/180BR OR BX

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### Accessories

Type	DFFC 0.22-0.35 SN E	Version	Product data	Packaging
Order No.	<a href="#">1604250000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping range : 0.35 mm <sup>2</sup>		Box
GTIN (EAN)	4008190042905			
Qty.	250 pc(s).			
Type	DFFC 0.5-1.0 SN 3000	Version	Product data	Packaging
Order No.	<a href="#">1480000000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping range : 1 mm <sup>2</sup>		Box
GTIN (EAN)	4008190179175			
Qty.	3,000 pc(s).			
Type	DFFC 1.5-2.5 SN 2500	Version	Product data	Packaging
Order No.	<a href="#">1480100000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping range : 2.5 mm <sup>2</sup>		Box
GTIN (EAN)	4008190100414			
Qty.	2,500 pc(s).			
Type	DFFC 1.5-2.5 SN E	Version	Product data	Packaging
Order No.	<a href="#">1567070000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping range : 2.5 mm <sup>2</sup>		Box
GTIN (EAN)	4008190059071			
Qty.	250 pc(s).			

### 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	BLZ/SL KO OR BX	Version	Product data	Packaging
Order No.	<a href="#">1573010000</a>	PCB plug-in connector, Accessories, Coding element, orange, Number of poles: 1		Box
GTIN (EAN)	4008190048396			
Qty.	100 pc(s).			
Type	BLZ/SL KO BK BX	Version	Product data	Packaging
Order No.	<a href="#">1545710000</a>	PCB plug-in connector, Accessories, Coding element, black, Number of poles: 1		Box
GTIN (EAN)	4008190087142			
Qty.	50 pc(s).			