

## BLC 5.08/16/180R BK BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

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

Version	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 16, 180°, Crimp connection, Clamping range, max. : 2.5 mm <sup>2</sup> , Box
Order No.	<a href="#">1712100000</a>
Type	BLC 5.08/16/180R BK BX
GTIN (EAN)	4008190935115
Qty.	50 items
Product data	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14
Packaging	Box

## BLC 5.08/16/180R BK BX

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E60693

## Dimensions and weights

Depth	24.5 mm	Depth (inches)	0.9646 inch
Height	10.1 mm	Height (inches)	0.3976 inch
Width	81.28 mm	Width (inches)	3.2 inch
Net weight	8.94 g		

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## 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)	0.200 "	Conductor outlet direction	180°
Number of poles	16	L1 in mm	76.20 mm
L1 in inches	3.000 "	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	Touch-safe protection acc. to DIN VDE 0470	IP20 plugged/ IP10 unplugged
Protection degree	IP20	Volume resistance	≤5 mΩ
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	black
Colour chart (similar)	RAL 9011	Insulating material group	Illa
Comparative Tracking Index (CTI)	≥ 200	Moisture Level (MSL)	
UL 94 flammability rating	V-0	Contact material	Cu-alloy
Layer structure of plug contact	4...8 μm Sn hot-dip tinned	Storage temperature, min.	-40 °C
Storage temperature, max.	70 °C	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		

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**Technical data**

(P), Length of ferrules is to be chosen depending on the product and the rated voltage.

**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)	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)	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	186.00 mm
VPE width	113.00 mm	VPE height	90.00 mm

**Type tests**

Test: Durability of markings	Standard	draft DIN VDE 0627 section 6.2.2 / 09.91, DIN IEC 512 part 7 section 5 / 05.94
	Test	durability
	Evaluation	passed

**Important note**

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.
Notes	<ul style="list-style-type: none"> <li>• Additional variants on request</li> <li>• Rated current related to rated cross-section &amp; min. No. of poles.</li> <li>• Rated cross-section depends on crimp contact used.</li> </ul>

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## Technical data

- 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.
- In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load
- Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

### Classifications

ETIM 8.0	EC002638	ETIM 9.0	EC002638
ETIM 10.0	EC002638	ECLASS 14.0	27-46-02-02
ECLASS 15.0	27-46-02-02		

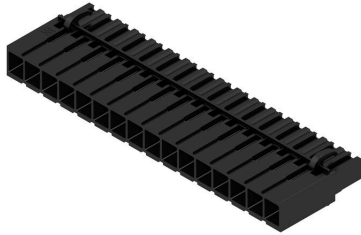
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Drawings

Product image



Dimensional drawing



Graph



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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	SLA BB 12R SW	Version
Order No.	<a href="#">1626880000</a>	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190198213	of poles: 0
Qty.	100 ST	
Type	SLA BB 12R OR	Version
Order No.	<a href="#">1593450000</a>	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190122164	of poles: 0
Qty.	100 ST	
Type	SLA BB 11R SW	Version
Order No.	<a href="#">1692340000</a>	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190864965	of poles: 0
Qty.	20 ST	
Type	SLA BB 11R OR	Version
Order No.	<a href="#">1604120000</a>	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190182977	of poles: 0
Qty.	20 ST	

### 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.

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## Accessories

### General ordering data

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

### Crimp contacts



### General ordering data

Type	DFFC 0.22-0.35 SN 3000	Version
Order No.	<a href="#">1604230000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping
GTIN (EAN)	4008190117498	range : 0.35 mm <sup>2</sup>
Qty.	3000 ST	
Type	DFFC 0.22-0.35 SN E	Version
Order No.	<a href="#">1604250000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping
GTIN (EAN)	4008190042905	range : 0.35 mm <sup>2</sup>
Qty.	250 ST	
Type	DFFC 0.5-1.0 SN 3000	Version
Order No.	<a href="#">1480000000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping
GTIN (EAN)	4008190179175	range : 1 mm <sup>2</sup>
Qty.	3000 ST	
Type	DFFC 0.5-1.0 SN E	Version
Order No.	<a href="#">1567060000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping
GTIN (EAN)	4008190166991	range : 1 mm <sup>2</sup>
Qty.	250 ST	
Type	DFFC 1.5-2.5 SN 2500	Version
Order No.	<a href="#">1480100000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping
GTIN (EAN)	4008190100414	range : 2.5 mm <sup>2</sup>
Qty.	2500 ST	
Type	DFFC 1.5-2.5 SN E	Version
Order No.	<a href="#">1567070000</a>	PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping
GTIN (EAN)	4008190059071	range : 2.5 mm <sup>2</sup>
Qty.	250 ST	

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## Accessories

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



Crimping tools for for turned/stamped contact

- 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> , B-Crimp	
GTIN (EAN)	4008190297305		
Qty.	1 ST		

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## Counterpart

## 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 16 SN OR ...	Version
Order No.	<a href="#">1599270000</a>	PCB plug-in connector, male header, 5.08 mm, Number of poles: 16,
GTIN (EAN)	4008190066826	180°, Flat-blade connection, Solder connection, Box
Qty.	18 ST	

## 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 5.08/16/135 3.2SN OR...	Version
Order No.	<a href="#">1603200000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190123635	connection, 5.08 mm, Number of poles: 16, 135°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, orange, Box

## 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 5.08/16/135B 3.2SN O...	Version
Order No.	<a href="#">1605670000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190153816	solder connection, 5.08 mm, Number of poles: 16, 135°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

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**Counterpart****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 5.08/16/180 3.2SN OR...	Version
Order No.	<a href="#">1518660000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190083304	connection, 5.08 mm, Number of poles: 16, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, orange, Box

**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 5.08/16/180B 3.2SN O...	Version
Order No.	<a href="#">1520960000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190145149	solder connection, 5.08 mm, Number of poles: 16, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

**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 5.08/16/90 3.2SN OR ...	Version
Order No.	<a href="#">1509460000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190147464	connection, 5.08 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

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**Counterpart**

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**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 5.08/16/90B 3.2SN OR...	Version
Order No.	<a href="#">1511760000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190020552	solder connection, 5.08 mm, Number of poles: 16, 90°, Solder pin
Qty.	50 ST	length (l): 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/16/180 3.2SN ...	Version
Order No.	<a href="#">1148410000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248934867	connection, 5.08 mm, Number of poles: 16, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/16/180 3.2SN ...	Version
Order No.	<a href="#">1146610000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248933518	connection, 5.08 mm, Number of poles: 16, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, orange, Box

**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.

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## Counterpart

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## General ordering data

Type	SL 5.08HC/16/180B 3.2SN...	Version
Order No.	<a href="#">1149870000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248934263	solder connection, 5.08 mm, Number of poles: 16, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/16/180B 3.2SN...	Version
Order No.	<a href="#">1147770000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248933747	solder connection, 5.08 mm, Number of poles: 16, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

## 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/16/180G 3.2SN...	Version
Order No.	<a href="#">1149100000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248935017	connection, 5.08 mm, Number of poles: 16, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/16/180G 3.2SN...	Version
Order No.	<a href="#">1147040000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248934065	connection, 5.08 mm, Number of poles: 16, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, orange, 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/16/90 3.2SN B...	Version
Order No.	<a href="#">1155200000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118050677	connection, 5.08 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/16/90 3.2SN O...	Version
Order No.	<a href="#">1147030000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118051360	connection, 5.08 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

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### SL 5.08HC/90B



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#### General ordering data

Type	SL 5.08HC/16/90B 3.2SN ...	Version
Order No.	<a href="#">1155730000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050219	solder connection, 5.08 mm, Number of poles: 16, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/16/90B 3.2SN ...	Version
Order No.	<a href="#">1154920000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050905	solder connection, 5.08 mm, Number of poles: 16, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

### SLDV 5.08/180

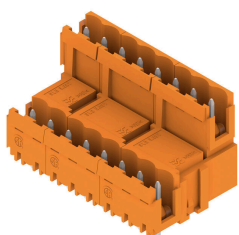


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

#### General ordering data

Type	SLD 5.08V/32/180 3.2SN ...	Version
Order No.	<a href="#">1725790000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248062089	connection, 5.08 mm, Number of poles: 32, 180°, Solder pin length
Qty.	10 ST	(l): 3.2 mm, tinned, orange, Box

### 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.

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## Counterpart

### General ordering data

Type	SLD 5.08V/32/180B 3.2SN...	Version
Order No.	<a href="#">1726880000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248062775	solder connection, 5.08 mm, Number of poles: 32, 180°, Solder pin
Qty.	10 ST	length (l): 3.2 mm, tinned, orange, 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/32/90 3.2 SN ...	Version
Order No.	<a href="#">1725310000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248060719	connection, 5.08 mm, Number of poles: 32, 90°, Solder pin length (l):
Qty.	10 ST	3.2 mm, tinned, orange, 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/32/90B 3.2 SN...	Version
Order No.	<a href="#">1726420000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248061396	solder connection, 5.08 mm, Number of poles: 32, 90°, Solder pin
Qty.	10 ST	length (l): 3.2 mm, tinned, orange, Box

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## Counterpart

## 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/16/180 3...	Version
Order No.	<a href="#">1838120000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348183	connection, 5.08 mm, Number of poles: 16, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, black, Box

## 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/16/180G 3...	Version
Order No.	<a href="#">1838350000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248348411	connection, 5.08 mm, Number of poles: 16, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, black, 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/16/90 1.5...	Version
Order No.	<a href="#">1774902001</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248155842	connection, 5.08 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

## BLC 5.08/16/180R BK BX

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Counterpart

Type	SL-SMT 5.08HC/16/90 3.2...	Version
Order No.	<a href="#">1780090000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248 165414	connection, 5.08 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, 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/16/90G 3....	Version
Order No.	<a href="#">1780320000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248 165643	connection, 5.08 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, 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 5.08/16/180B SN OR ...	Version
Order No.	<a href="#">1611850000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 16,
GTIN (EAN)	4008 190 192730	180°, TOP connection, Clamping range, max.: 2.5 mm², Box
Qty.	50 ST	

**BLC 5.08/16/180R BK BX**

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**Counterpart**

**SLS 5.08/180 SN**

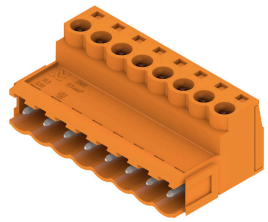


Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

**General ordering data**

Type	SLS 5.08/16/180 SN OR BX	Version
Order No.	<a href="#">1627230000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 16,
GTIN (EAN)	4008190199746	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	18 ST	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 5.08/16/180B SN OR ...	Version
Order No.	<a href="#">1627380000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 16,
GTIN (EAN)	4008190199890	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	18 ST	Box

**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 5.08/16/180TB KF SN...	Version
Order No.	<a href="#">1846180000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 16,
GTIN (EAN)	4032248362462	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	5 ST	Box

**BLC 5.08/16/180R BK BX**

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D-32758 Detmold  
Germany

**Counterpart**

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**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 5.08/16/180TB RF15 ...	Version
Order No.	<a href="#">1846100000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 16,
GTIN (EAN)	4032248362387	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	5 ST	Box