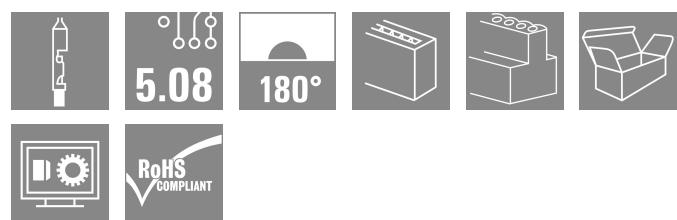


**BLC 5.08/02/180R BK BX**

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

[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**

Version	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 2, 180°, Crimp connection, Clamping range, max. : 2.5 mm <sup>2</sup> , Box
Order No.	<a href="#">1711960000</a>
Type	BLC 5.08/02/180R BK BX
GTIN (EAN)	4008190934972
Qty.	100 items
Product data	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14
Packaging	Box

## BLC 5.08/02/180R BK BX

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

[www.weidmueller.com](http://www.weidmueller.com)

## 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
Height	10.1 mm
Width	10.16 mm
Net weight	1.3 g

Depth (inches)	0.9646 inch
Height (inches)	0.3976 inch
Width (inches)	0.4 inch

## 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
Wire connection method	Crimp connection
Pitch in inches (P)	0.200 "
Number of poles	2
L1 in inches	0.200 "
Pin series quantity	1
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch
Protection degree	IP20
Can be coded	Yes
Plugging cycles	25
Pulling force/pole, max.	6.5 N

Type of connection	Field connection
Pitch in mm (P)	5.08 mm
Conductor outlet direction	180°
L1 in mm	5.08 mm
Number of rows	1
Rated cross-section	2.5 mm <sup>2</sup>
Touch-safe protection acc. to DIN VDE 0470	IP20 plugged/ IP10 unplugged
Volume resistance	≤5 mΩ
Stripping length	5 mm
Plugging force/pole, max.	8.5 N

## Material data

Insulating material	PBT GF
Colour chart (similar)	RAL 9011
Comparative Tracking Index (CTI)	≥ 200
UL 94 flammability rating	V-0
Layer structure of plug contact	4...8 µm Sn hot-dip tinned
Storage temperature, max.	70 °C
Operating temperature, max.	100 °C
Temperature range, installation, max.	100 °C

Colour	black
Insulating material group	IIIa
Moisture Level (MSL)	
Contact material	Cu-alloy
Storage temperature, min.	-40 °C
Operating temperature, min.	-50 °C
Temperature range, installation, min.	-25 °C

## Conductors suitable for connection

Clamping range, min.	0.22 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 24
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Reference text	The outside diameter of the plastic collar should not be larger than the pitch

Clamping range, max.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, max.	AWG 14
Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>

## BLC 5.08/02/180R BK BX

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

[www.weidmueller.com](http://www.weidmueller.com)

## 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	117.00 mm
VPE width	103.00 mm	VPE height	65.00 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>

**BLC 5.08/02/180R BK BX**

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

**Technical data**

[www.weidmueller.com](http://www.weidmueller.com)

- 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

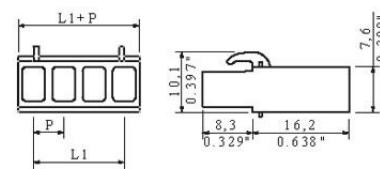
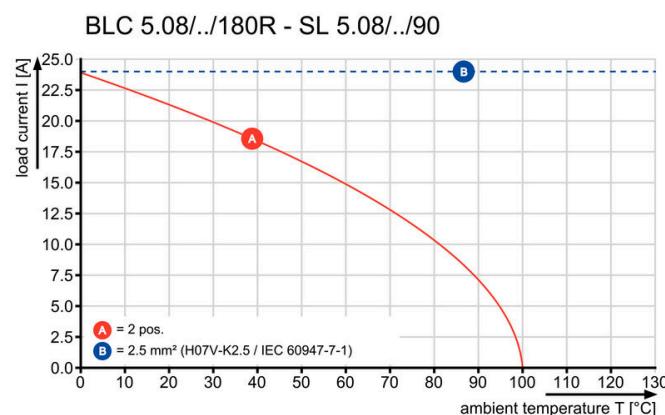
**Classifications**

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		

**BLC 5.08/02/180R BK BX**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings****Product image****Dimensional drawing****Graph**

## BLC 5.08/02/180R BK BX

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

[www.weidmueller.com](http://www.weidmueller.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 BB12R 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 BB12R 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 BB11R 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 BB11R 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.

## BLC 5.08/02/180R BK BX

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

[www.weidmueller.com](http://www.weidmueller.com)

## 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	

**BLC 5.08/02/180R BK BX**

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

[www.weidmueller.com](http://www.weidmueller.com)

**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	

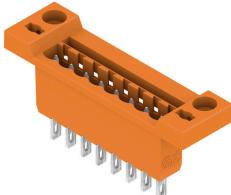
## BLC 5.08/02/180R BK BX

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

[www.weidmueller.com](http://www.weidmueller.com)

## 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 2 SN BK BX	Version
Order No.	<a href="#">1635740000</a>	PCB plug-in connector, male header, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4008190264161	180°, Flat-blade connection, Solder connection, Box
Qty.	60 ST	
Type	SLDF 5.08 L/F 2 SN OR BX	Version
Order No.	<a href="#">1599130000</a>	PCB plug-in connector, male header, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4008190175931	180°, Flat-blade connection, Solder connection, Box
Qty.	60 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 5.08/02/135 3.2SN OR...	Version
Order No.	<a href="#">1603060000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190095512	connection, 5.08 mm, Number of poles: 2, 135°, Solder pin length (l):
Qty.	100 ST	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.

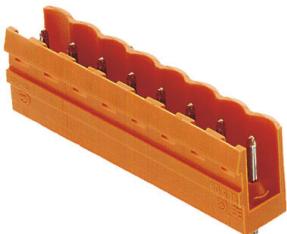
**BLC 5.08/02/180R BK BX**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Counterpart****General ordering data**

Type	SL 5.08/02/135B 3.2SN O...	Version
Order No.	<a href="#">1605530000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190104290	solder connection, 5.08 mm, Number of poles: 2, 135°, Solder pin
Qty.	100 ST	length (l): 3.2 mm, tinned, orange, Box

**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 5.08/02/180 3.2SN OR...	Version
Order No.	<a href="#">1517260000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190034795	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	100 ST	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 5.08/02/180B 3.2SN O...	Version
Order No.	<a href="#">1519560000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190083892	solder connection, 5.08 mm, Number of poles: 2, 180°, Solder pin
Qty.	100 ST	length (l): 3.2 mm, tinned, orange, Box

## BLC 5.08/02/180R BK BX

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

[www.weidmueller.com](http://www.weidmueller.com)

## Counterpart

## 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 5.08/02/90 3.2SN OR ...	Version
Order No.	<a href="#">1508060000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190189006	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, orange, Box

## SL 5.08/90B

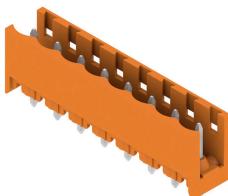


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

## General ordering data

Type	SL 5.08/02/90B 3.2SN BK...	Version
Order No.	<a href="#">1510310000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190477684	solder connection, 5.08 mm, Number of poles: 2, 90°, Solder pin
Qty.	100 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08/02/90B 3.2SN OR...	Version
Order No.	<a href="#">1510360000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190180188	solder connection, 5.08 mm, Number of poles: 2, 90°, Solder pin
Qty.	100 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.

## BLC 5.08/02/180R BK BX

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

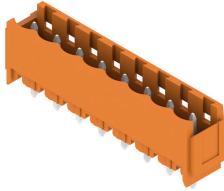
[www.weidmueller.com](http://www.weidmueller.com)

## Counterpart

## General ordering data

Type	SL 5.08HC/02/180 3.2SN ...	Version
Order No.	<a href="#">1148080000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248934386	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/02/180 3.2SN ...	Version
Order No.	<a href="#">1146320000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248108916	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, orange, Box

## SL 5.08HC/180B

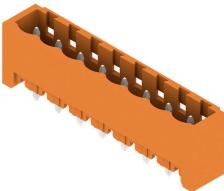


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is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

## General ordering data

Type	SL 5.08HC/02/180B 3.2SN...	Version
Order No.	<a href="#">1149400000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248934669	solder connection, 5.08 mm, Number of poles: 2, 180°, Solder pin
Qty.	100 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/02/180B 3.2SN...	Version
Order No.	<a href="#">1147300000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248933839	solder connection, 5.08 mm, Number of poles: 2, 180°, Solder pin
Qty.	100 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/02/180G 3.2SN...	Version
Order No.	<a href="#">1148630000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248934409	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/02/180G 3.2SN...	Version
Order No.	<a href="#">1146730000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248108688	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, orange, Box

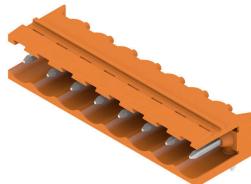
## BLC 5.08/02/180R BK BX

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

[www.weidmueller.com](http://www.weidmueller.com)

## Counterpart

## SL 5.08HC/90

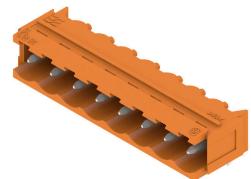


Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/02/90 3.2SN B...	Version
Order No.	<a href="#">1155030000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118050813	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/02/90 3.2SN O...	Version
Order No.	<a href="#">1146720000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118051506	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, orange, Box

## 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/02/90B 3.2SN ...	Version
Order No.	<a href="#">1155580000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050356	solder connection, 5.08 mm, Number of poles: 2, 90°, Solder pin
Qty.	100 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/02/90B 3.2SN ...	Version
Order No.	<a href="#">1148030000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118051049	solder connection, 5.08 mm, Number of poles: 2, 90°, Solder pin
Qty.	100 ST	length (l): 3.2 mm, tinned, orange, Box

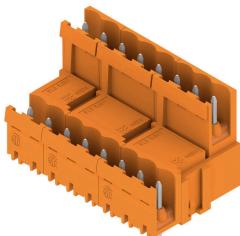
## BLC 5.08/02/180R BK BX

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

[www.weidmueller.com](http://www.weidmueller.com)

## Counterpart

## SLDV 5.08/180

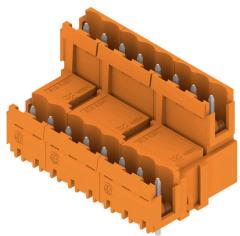


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SLD 5.08V/04/180 3.2SN ...	Version
Order No.	<a href="#">1725650000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248061945	connection, 5.08 mm, Number of poles: 4, 180°, Solder pin length (l):
Qty.	50 ST	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.

## General ordering data

Type	SLD 5.08V/04/180B 3.2SN...	Version
Order No.	<a href="#">1726740000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248062621	solder connection, 5.08 mm, Number of poles: 4, 180°, Solder pin
Qty.	50 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/04/90 3.2 SN ...	Version
Order No.	<a href="#">1725170000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248060573	connection, 5.08 mm, Number of poles: 4, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

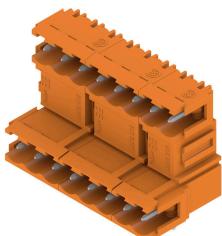
## BLC 5.08/02/180R BK BX

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

[www.weidmueller.com](http://www.weidmueller.com)

## Counterpart

## SLDV 5.08/90B

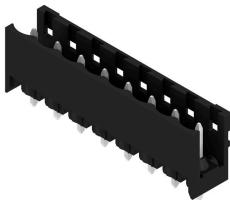


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SLD 5.08V/04/90B 3.2 SN...	Version
Order No.	<a href="#">1726280000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248061259	solder connection, 5.08 mm, Number of poles: 4, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

## SL-SMT 5.08/180 Box

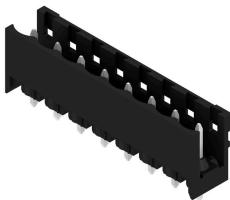


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/02/180 1....	Version
Order No.	<a href="#">1775522001</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248157549	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	100 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/02/180 3....	Version
Order No.	<a href="#">1837980000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348046	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, 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.

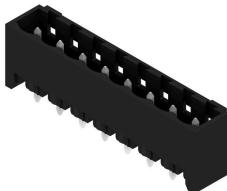
**BLC 5.08/02/180R BK BX**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Counterpart****General ordering data**

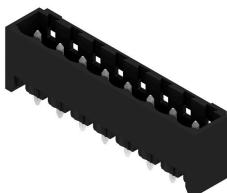
Type	SL-SMT 5.08HC/02/180 1...	Version
Order No.	<a href="#">1821100000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248319749	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	250 ST	1.5 mm, tinned, black, Tape

**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/02/180G 1...	Version
Order No.	<a href="#">1775922001</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248158911	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	100 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/02/180G 3...	Version
Order No.	<a href="#">1838210000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248348275	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box

**SL-SMT 5.08/180G 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/02/180G 1...	Version
Order No.	<a href="#">1820170000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248315680	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	250 ST	1.5 mm, tinned, black, Tape

## BLC 5.08/02/180R BK BX

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

[www.weidmueller.com](http://www.weidmueller.com)

## Counterpart

## 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/02/270GH ...	Version
Order No.	<a href="#">1876340000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248466818	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	100 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/02/270GH ...	Version
Order No.	<a href="#">1877370000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248468003	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box

## 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 5.08HC/02/270GH ...	Version
Order No.	<a href="#">1877560000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248468188	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	335 ST	1.5 mm, tinned, black, Tape
Type	SL-SMT 5.08HC/02/270GH ...	Version
Order No.	<a href="#">1877810000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248468461	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	335 ST	3.2 mm, tinned, black, Tape

**BLC 5.08/02/180R BK BX**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Counterpart****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/02/270GL ...	Version
Order No.	<a href="#">187710000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248467570	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	100 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/02/270GL ...	Version
Order No.	<a href="#">187747000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248468096	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, 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 5.08HC/02/270GL ...	Version
Order No.	<a href="#">187774000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248467891	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

**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.

**BLC 5.08/02/180R BK BX**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Counterpart****General ordering data**

Type	SL-SMT 5.08HC/02/90 1.5...	Version
Order No.	<a href="#">1774762001</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248155699	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	100 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/02/90 3.2...	Version
Order No.	<a href="#">1779950000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248165278	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box

**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/02/90 1.5...	Version
Order No.	<a href="#">1821160000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248319800	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

**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/02/90G 1....	Version
Order No.	<a href="#">1775002001</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248156023	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	100 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/02/90G 3....	Version
Order No.	<a href="#">1780180000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248165506	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box

## BLC 5.08/02/180R BK BX

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

[www.weidmueller.com](http://www.weidmueller.com)

## Counterpart

## SL-SMT 5.08HC/90G Tape

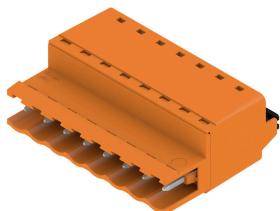


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/02/90G 1...	Version
Order No.	<a href="#">1821140000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248319787	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

## SLF 5.08/180 SN

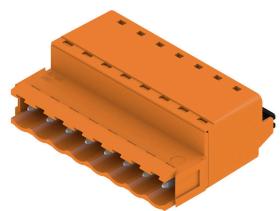


Male plug with PUSH IN wire connection and straight outlet direction, when used with BLF 5.08HC as wire-to-wire application for panel feed-through The male plugs provide space for labelling and can be coded.

## General ordering data

Type	SLF 5.08/02/180 SN BK BX	Version
Order No.	<a href="#">1335560000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4050118138740	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
Qty.	180 ST	
Type	SLF 5.08/02/180 SN OR BX	Version
Order No.	<a href="#">1335330000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4050118138559	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
Qty.	180 ST	

## 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.

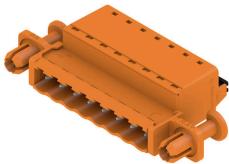
**BLC 5.08/02/180R BK BX**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Counterpart****General ordering data**

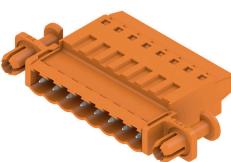
Type	SLF 5.08/02/180B SN BK ...	Version
Order No.	<a href="#">1335770000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2, 180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
GTIN (EAN)	4050118140590	
Qty.	150 ST	
Type	SLF 5.08/02/180B SN OR ...	Version
Order No.	<a href="#">1335440000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2, 180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
GTIN (EAN)	4050118138832	
Qty.	150 ST	

**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 5.08/02/180DF SN OR...	Version
Order No.	<a href="#">1353580000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2, 180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
GTIN (EAN)	4050118156430	
Qty.	54 ST	

**SLT 5.08/180DF SN**

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

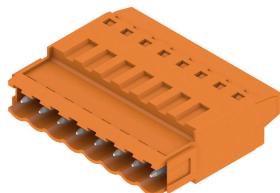
**General ordering data**

Type	SLT 5.08/02/180DF SN OR...	Version
Order No.	<a href="#">1353350000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2, 180°, TOP connection, Clamping range, max. : 2.5 mm <sup>2</sup> , Box
GTIN (EAN)	4050118156645	
Qty.	54 ST	

**BLC 5.08/02/180R BK BX**

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

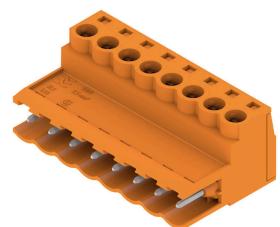
[www.weidmueller.com](http://www.weidmueller.com)

**Counterpart****SLT 5.08B**

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

**General ordering data**

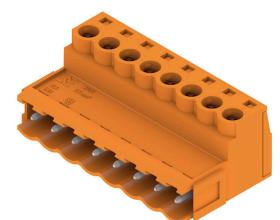
Type	SLT 5.08/02/180B SN OR ...	Version
Order No.	<a href="#">1611710000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4008190192594	180°, TOP connection, Clamping range, max. : 2.5 mm <sup>2</sup> , Box
Qty.	100 ST	

**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 5.08/02/180 SN OR BX	Version
Order No.	<a href="#">1627090000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4008190199609	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	180 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 5.08/02/180B SN OR ...	Version
Order No.	<a href="#">1627240000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4008190199753	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	150 ST	Box