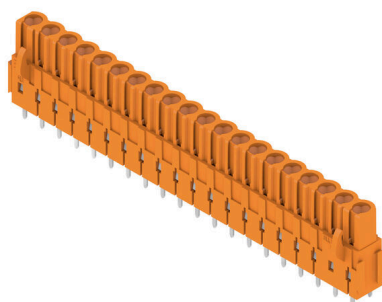


**BLL 5.08/20/180B 3.2SN OR BX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

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

**General ordering data**

Version	PCB plug-in connector, female header, Dovetails for fixing blocks, THT solder connection, 5.08 mm, Number of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, orange, Box
Order No.	<a href="#">1682910000</a>
Type	BLL 5.08/20/180B 3.2SN OR BX
GTIN (EAN)	4008190474676
Qty.	18 items
Product data	IEC: 400 V / 23 A UL: 300 V / 15 A
Packaging	Box

## BLL 5.08/20/180B 3.2SN OR BX

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

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

Net weight	19.8 g
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## Environmental Product Compliance

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

## System specifications

Product family	OMNIMATE Signal - series BL/SL 5.08	Type of connection	Board connection
Mounting onto the PCB	THT solder connection	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.200 "	Outgoing elbow	180°
Number of poles	20	Number of solder pins per pole	2
Solder pin length (l)	3.2 mm	Solder pin length tolerance	+0.1 / -0.3 mm
Solder pin dimensions	0.4 x 1.00 mm	Solder eyelet hole diameter (D)	1.3 mm
Solder eyelet hole diameter tolerance (D)+ 0,1 mm		L1 in mm	96.52 mm
L1 in inches	3.800 "	Number of rows	1
Pin series quantity	1	Touch-safe protection acc. to DIN VDE 57 106	Safe from back-of-hand touch
Touch-safe protection acc. to DIN VDE 0470	IP20 plugged	Protection degree	IP20
Volume resistance	≤5 mΩ	Can be coded	Yes
Plugging cycles	25	Plugging force/pole, max.	5 N
Pulling force/pole, max.	5 N		

## Material data

Insulating material	PBT GF	Colour	orange
Colour chart (similar)	RAL 2000	Insulating material group	IIla
Comparative Tracking Index (CTI)	≥ 200	Insulation resistance	108 Ω
Moisture Level (MSL)		UL 94 flammability rating	V-0
Contact material	Copper alloy	Contact surface	tinned
Layer structure of solder connection	4...6 µm Sn hot-dip tinned	Layer structure of plug contact	4...6 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

## Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	23 A
Rated current, max. number of poles (Tu=20°C)	16 A	Rated current, min. number of poles (Tu=40°C)	20 A

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**Technical data**

Rated current, max. number of poles (Tu=40°C)	14 A	Rated voltage for surge voltage class / pollution degree II/2	400 V
Rated voltage for surge voltage class / pollution degree III/2	320 V	Rated voltage for surge voltage class / pollution degree III/3	250 V
Rated impulse voltage for surge voltage class/ pollution degree II/2	4 V	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)	200039-1121690
Rated voltage (Use group B / CSA)	300 V	Rated voltage (Use group D / CSA)	300 V
Rated current (Use group B / CSA)	15 A	Rated current (Use group D / CSA)	10 A
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)	15 A	Rated current (Use group D / UL 1059)	10 A
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

**Packing**

Packaging	Box	VPE length	350.00 mm
VPE width	135.00 mm	VPE height	30.00 mm

**Important note**

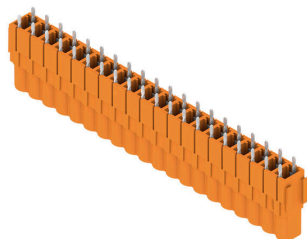
IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.		
Notes	<ul style="list-style-type: none"> <li>• Additional variants on request</li> <li>• Gold-plated contact surfaces on request</li> <li>• Rated current related to rated cross-section &amp; min. No. of poles.</li> <li>• P on drawing = pitch</li> <li>• 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.</li> <li>• 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</li> <li>• Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months</li> </ul>		

**Classifications**

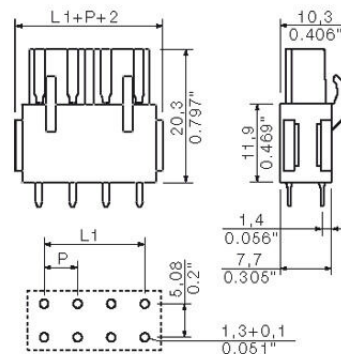
ETIM 8.0	EC002637	ETIM 9.0	EC002637
ETIM 10.0	EC002637	ECLASS 14.0	27-46-02-01
ECLASS 15.0	27-46-02-01		

## Drawings

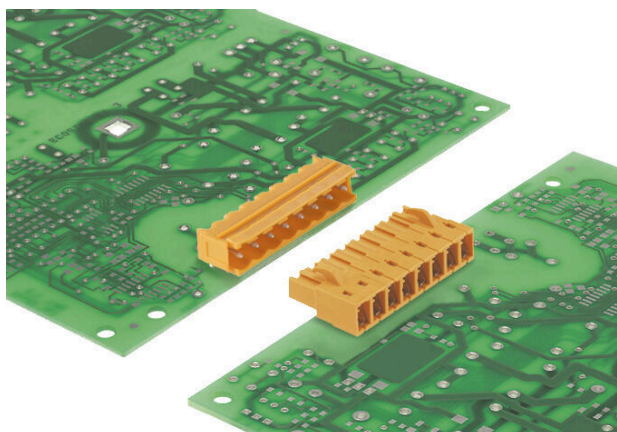
### Product image



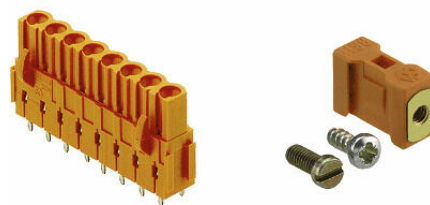
### Dimensional drawing



### Example of use



### Example of use



## BLL 5.08/20/180B 3.2SN OR BX

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 D-32758 Detmold  
 Germany

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 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 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 1R OR	Version
Order No.	<a href="#">1723430000</a>	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190365981	of poles: 0
Qty.	20 ST	
Type	SLA BB 2R OR	Version
Order No.	<a href="#">1723440000</a>	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190365998	of poles: 0
Qty.	20 ST	
Type	SLA BB 5R OR	Version
Order No.	<a href="#">1723460000</a>	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190366018	of poles: 0
Qty.	20 ST	
Type	SLA BB 6R OR	Version
Order No.	<a href="#">1723470000</a>	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190366025	of poles: 0
Qty.	20 ST	
Type	SLA BB 1R SW	Version
Order No.	<a href="#">1723480000</a>	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190366032	of poles: 0
Qty.	20 ST	
Type	SLA BB 2R SW	Version
Order No.	<a href="#">1723490000</a>	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190366049	of poles: 0
Qty.	20 ST	
Type	SLA BB 5R SW	Version
Order No.	<a href="#">1723510000</a>	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190366063	of poles: 0
Qty.	20 ST	

## BLL 5.08/20/180B 3.2SN OR BX

Weidmüller Interface GmbH &amp; Co. KG

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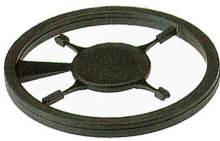
Germany

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## Accessories

Type	SLA BB6R SW	Version
Order No.	<a href="#">1723520000</a>	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190366070	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.

## 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	

## 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 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	

## BLL 5.08/20/180B 3.2SN OR BX

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## Accessories

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	

## BLL 5.08/20/180B 3.2SN OR BX

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## Counterpart

## 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 5.08/20/135 3.2SN OR...	Version
Order No.	<a href="#">1603240000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190132019	connection, 5.08 mm, Number of poles: 20, 135°, Solder pin length
Qty.	20 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 5.08/20/135B 3.2SN O...	Version
Order No.	<a href="#">1605710000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190074654	solder connection, 5.08 mm, Number of poles: 20, 135°, Solder pin
Qty.	20 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 5.08/20/180 3.2SN OR...	Version
Order No.	<a href="#">1519060000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190053550	connection, 5.08 mm, Number of poles: 20, 180°, Solder pin length
Qty.	20 ST	(l): 3.2 mm, tinned, orange, Box

# BLL 5.08/20/180B 3.2SN OR BX

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## Counterpart

### SL 5.08/180B

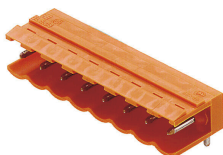


Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

#### General ordering data

Type	SL 5.08/20/180B 3.2SN O...	Version
Order No.	<a href="#">1521360000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190036003	solder connection, 5.08 mm, Number of poles: 20, 180°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box

### SL 5.08/90

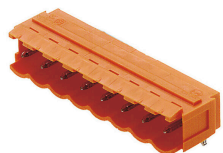


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

#### General ordering data

Type	SL 5.08/20/90 3.2SN OR ...	Version
Order No.	<a href="#">1509860000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190131227	connection, 5.08 mm, Number of poles: 20, 90°, Solder pin length (l):
Qty.	20 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 5.08/20/90B 3.2SN OR...	Version
Order No.	<a href="#">1512160000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190129033	solder connection, 5.08 mm, Number of poles: 20, 90°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box

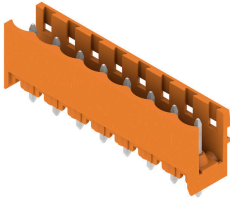
## BLL 5.08/20/180B 3.2SN OR BX

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## Counterpart

## SL 5.08HC/180

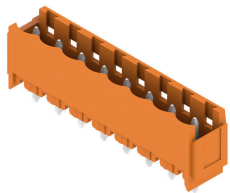


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/20/180 3.2SN ...	Version
Order No.	<a href="#">1148510000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248934768	connection, 5.08 mm, Number of poles: 20, 180°, Solder pin length
Qty.	20 ST	(I): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/20/180 3.2SN ...	Version
Order No.	<a href="#">1146650000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248108732	connection, 5.08 mm, Number of poles: 20, 180°, Solder pin length
Qty.	20 ST	(I): 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/20/180B 3.2SN...	Version
Order No.	<a href="#">1149990000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248935628	solder connection, 5.08 mm, Number of poles: 20, 180°, Solder pin
Qty.	20 ST	length (I): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/20/180B 3.2SN...	Version
Order No.	<a href="#">1147900000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248935185	solder connection, 5.08 mm, Number of poles: 20, 180°, Solder pin
Qty.	20 ST	length (I): 3.2 mm, tinned, orange, Box

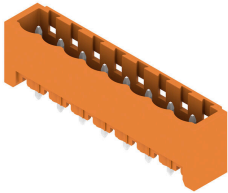
## BLL 5.08/20/180B 3.2SN OR BX

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 Germany

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## Counterpart

## SL 5.08HC/180G

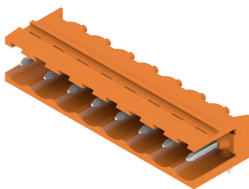


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/20/180G 3.2SN...	Version
Order No.	<a href="#">1149230000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248934560	connection, 5.08 mm, Number of poles: 20, 180°, Solder pin length
Qty.	20 ST	(I): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/20/180G 3.2SN...	Version
Order No.	<a href="#">1147140000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248108497	connection, 5.08 mm, Number of poles: 20, 180°, Solder pin length
Qty.	20 ST	(I): 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/20/90 3.2SN B...	Version
Order No.	<a href="#">1155270000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118050639	connection, 5.08 mm, Number of poles: 20, 90°, Solder pin length (I):
Qty.	20 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/20/90 3.2SN O...	Version
Order No.	<a href="#">1147120000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118051322	connection, 5.08 mm, Number of poles: 20, 90°, Solder pin length (I):
Qty.	20 ST	3.2 mm, tinned, orange, Box

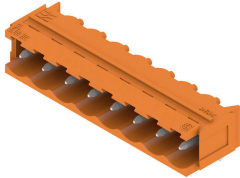
## BLL 5.08/20/180B 3.2SN OR BX

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## Counterpart

## SL 5.08HC/90B

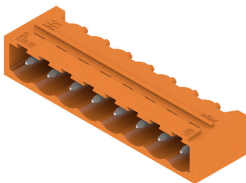


Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/20/90B 3.2SN ...	Version
Order No.	<a href="#">1155780000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118049978	solder connection, 5.08 mm, Number of poles: 20, 90°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/20/90B 3.2SN ...	Version
Order No.	<a href="#">1154970000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050868	solder connection, 5.08 mm, Number of poles: 20, 90°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box

## 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/20/90G 3.2SN ...	Version
Order No.	<a href="#">1155520000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4050118050400	connection, 5.08 mm, Number of poles: 20, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/20/90G 3.2SN ...	Version
Order No.	<a href="#">1147880000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4050118051094	connection, 5.08 mm, Number of poles: 20, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, orange, Box

## BLL 5.08/20/180B 3.2SN OR BX

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

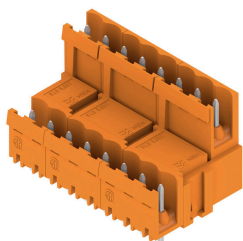
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## Counterpart

## SLDV 5.08/180

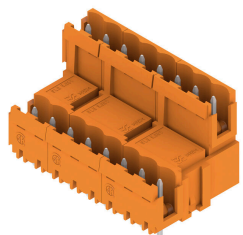


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SLD 5.08V/40/180 3.2SN ...	Version
Order No.	<a href="#">1725830000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248062126	connection, 5.08 mm, Number of poles: 40, 180°, Solder pin length
Qty.	10 ST	(I): 3.2 mm, tinned, orange, Box

## SLDV 5.08/180B

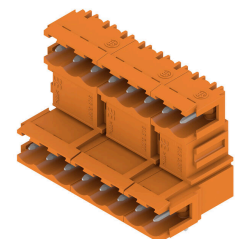


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SLD 5.08V/40/180B 3.2SN...	Version
Order No.	<a href="#">1726920000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248062812	solder connection, 5.08 mm, Number of poles: 40, 180°, Solder pin
Qty.	10 ST	length (I): 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/40/90B 3.2 SN...	Version
Order No.	<a href="#">1726460000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248061433	solder connection, 5.08 mm, Number of poles: 40, 90°, Solder pin
Qty.	10 ST	length (I): 3.2 mm, tinned, orange, Box

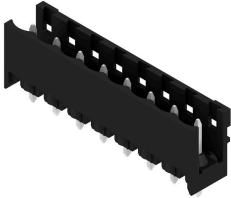
## BLL 5.08/20/180B 3.2SN OR BX

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## Counterpart

## SL-SMT 5.08/180 Box

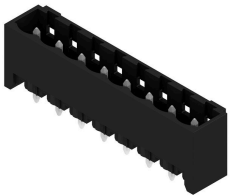


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/20/180 3....	Version
Order No.	<a href="#">1838160000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348220	connection, 5.08 mm, Number of poles: 20, 180°, Solder pin length
Qty.	20 ST	(I): 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/20/180G 3...	Version
Order No.	<a href="#">1838390000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248348459	connection, 5.08 mm, Number of poles: 20, 180°, Solder pin length
Qty.	20 ST	(I): 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/20/90 3.2...	Version
Order No.	<a href="#">1780130000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248165452	connection, 5.08 mm, Number of poles: 20, 90°, Solder pin length (I):
Qty.	20 ST	3.2 mm, tinned, black, Box

## BLL 5.08/20/180B 3.2SN OR BX

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## Counterpart

## SL-SMT 5.08HC/90G Box

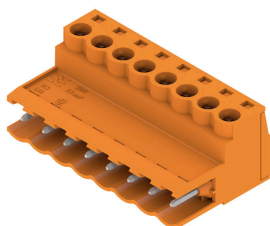


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/20/90G 3...	Version
Order No.	<a href="#">1780360000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248165681	connection, 5.08 mm, Number of poles: 20, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, black, Box

## SLS 5.08/180 SN

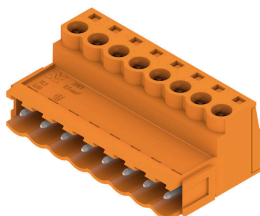


Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

## General ordering data

Type	SLS 5.08/20/180 SN OR BX	Version
Order No.	<a href="#">1644870000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 20,
GTIN (EAN)	4008190284084	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 5.08/20/180B SN OR ...	Version
Order No.	<a href="#">1645180000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 20,
GTIN (EAN)	4008190284398	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	18 ST	Box

**BLL 5.08/20/180B 3.2SN OR BX**

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**Counterpart****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 5.08/20/180TB KF SN...	Version
Order No.	<a href="#">1846190000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 20,
GTIN (EAN)	4032248362479	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	5 ST	Box

**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 5.08/20/180TB RF15 ...	Version
Order No.	<a href="#">1846110000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 20,
GTIN (EAN)	4032248362394	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	5 ST	Box