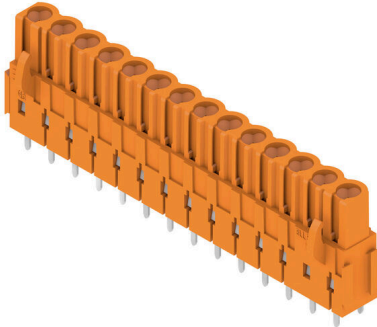


## BLL 5.08/14/180B 3.2SN OR BX

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

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: 14, 180°, Solder pin length (l): 3.2 mm, tinned, orange, Box |
| Order No.    | <a href="#">1682850000</a>   |
| Type         | BLL 5.08/14/180B 3.2SN OR BX   |
| GTIN (EAN)   | 4008190474614  |
| Qty.         | 24 items   |
| Product data | IEC: 400 V / 23 A<br>UL: 300 V / 15 A  |
| Packaging    | Box  |

## BLL 5.08/14/180B 3.2SN OR BX

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

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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

|            |         |
|------------|---------|
| Net weight | 15.15 g |
|------------|---------|

## Environmental Product Compliance

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

## System specifications

| Product family                                    | OMNIMATE Signal - series<br>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                                   | 14                                     | 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                                     | 66.04 mm                     |
| L1 in inches                                      | 2.600 "                                | 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             | IIIa                       |
| 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 |

## BLL 5.08/14/180B 3.2SN OR BX

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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 | 137.00 mm | VPE height | 31.00 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
- Additional variants on request
  - Gold-plated contact surfaces on request
  - Rated current related to rated cross-section & min. No. of poles.
  - 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    | EC002637    | ETIM 9.0    | EC002637    |
| ETIM 10.0   | EC002637    | ECLASS 14.0 | 27-46-02-01 |
| ECLASS 15.0 | 27-46-02-01 |             |             |

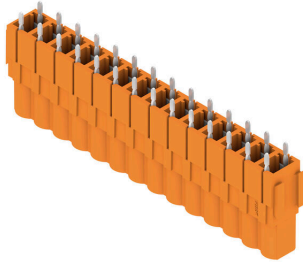
**BLL 5.08/14/180B 3.2SN OR BX**

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Drawings

Product image



Dimensional drawing



Example of use



Example of use



## BLL 5.08/14/180B 3.2SN OR BX

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 Germany

## Accessories

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### 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 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 BB1R 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 BB2R 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 BB5R 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 BB6R 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 BB1R 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 BB2R 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 BB5R 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 5.08/14/180B 3.2SN OR BX

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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                     |  |

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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 5.08/14/180B 3.2SN OR BX

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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 14 SN OR ... | Version   |
| Order No.  | <a href="#">1599250000</a> | PCB plug-in connector, male header, 5.08 mm, Number of poles: 14, |
| GTIN (EAN) | 4008190178444              | 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 5.08/14/135 3.2SN OR... | Version   |
| Order No.  | <a href="#">1603180000</a> | PCB plug-in connector, male header, open side, THT solder         |
| GTIN (EAN) | 4008190005702              | connection, 5.08 mm, Number of poles: 14, 135°, Solder pin length |
| Qty.       | 50 ST                      | (I): 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 5.08/14/135B 3.2SN O... | Version  |
| Order No.  | <a href="#">1605650000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT |
| GTIN (EAN) | 4008190048150              | solder connection, 5.08 mm, Number of poles: 14, 135°, Solder pin    |
| Qty.       | 50 ST                      | length (I): 3.2 mm, tinned, orange, Box                              |

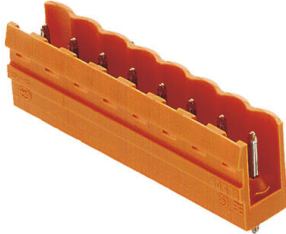
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**Counterpart**

**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 5.08/14/180 3.2SN OR... | Version  |
| Order No.  | <a href="#">1518460000</a> | PCB plug-in connector, male header, open side, THT solder connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length (l): 3.2 mm, tinned, orange, Box |
| GTIN (EAN) | 4008190110109              |  |
| Qty.       | 50 ST                      |  |

|            |                            |  |
|------------|----------------------------|--|
| Type       | SL 5.08/14/180 4.5SN OR... | Version  |
| Order No.  | <a href="#">1523060000</a> | PCB plug-in connector, male header, open side, THT solder connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length (l): 4.5 mm, tinned, orange, Box |
| GTIN (EAN) | 4008190188153              |  |
| Qty.       | 50 ST                      |  |

**SL 5.08/180B**

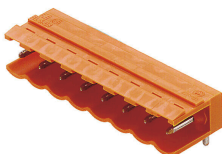


Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | SL 5.08/14/180B 3.2SN O... | Version  |
| Order No.  | <a href="#">1520760000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT solder connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length (l): 3.2 mm, tinned, orange, Box |
| GTIN (EAN) | 4008190017125              |  |
| Qty.       | 50 ST                      |  |

**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.

## BLL 5.08/14/180B 3.2SN OR BX

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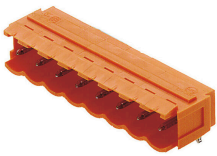
## Counterpart

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### General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | SL 5.08/14/90 3.2SN OR ... | Version   |
| Order No.  | <a href="#">1509260000</a> | PCB plug-in connector, male header, open side, THT solder             |
| GTIN (EAN) | 4008190158989              | connection, 5.08 mm, Number of poles: 14, 90°, Solder pin length (l): |
| Qty.       | 50 ST                      | 3.2 mm, tinned, orange, Box   |

### SL 5.08/90B

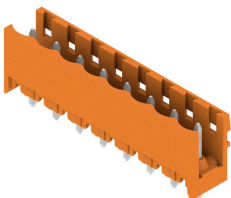


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

### General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | SL 5.08/14/90B 3.2SN OR... | Version  |
| Order No.  | <a href="#">1511560000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT |
| GTIN (EAN) | 4008190068479              | solder connection, 5.08 mm, Number of poles: 14, 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/14/180 3.2SN ... | Version   |
| Order No.  | <a href="#">1148370000</a> | PCB plug-in connector, male header, open side, THT solder         |
| GTIN (EAN) | 4032248933761              | connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length |
| Qty.       | 50 ST                      | (l): 3.2 mm, tinned, black, Box                                   |
| Type       | SL 5.08HC/14/180 3.2SN ... | Version   |
| Order No.  | <a href="#">1146590000</a> | PCB plug-in connector, male header, open side, THT solder         |
| GTIN (EAN) | 4032248933426              | connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length |
| Qty.       | 50 ST                      | (l): 3.2 mm, tinned, orange, Box                                  |

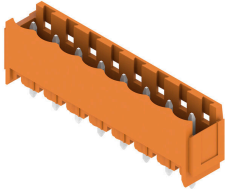
## BLL 5.08/14/180B 3.2SN OR BX

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## Counterpart

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## SL 5.08HC/180B

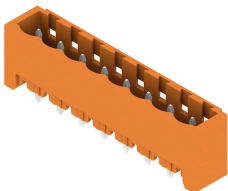


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/14/180B 3.2SN... | Version  |
| Order No.  | <a href="#">1149800000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT |
| GTIN (EAN) | 4032248935260              | solder connection, 5.08 mm, Number of poles: 14, 180°, Solder pin    |
| Qty.       | 50 ST                      | length (l): 3.2 mm, tinned, black, Box                               |
| Type       | SL 5.08HC/14/180B 3.2SN... | Version  |
| Order No.  | <a href="#">1147710000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT |
| GTIN (EAN) | 4032248934300              | solder connection, 5.08 mm, Number of poles: 14, 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/14/180G 3.2SN... | Version   |
| Order No.  | <a href="#">1149030000</a> | PCB plug-in connector, male header, closed side, THT solder       |
| GTIN (EAN) | 4032248934003              | connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length |
| Qty.       | 50 ST                      | (l): 3.2 mm, tinned, black, Box                                   |
| Type       | SL 5.08HC/14/180G 3.2SN... | Version   |
| Order No.  | <a href="#">1147000000</a> | PCB plug-in connector, male header, closed side, THT solder       |
| GTIN (EAN) | 4032248934348              | connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length |
| Qty.       | 50 ST                      | (l): 3.2 mm, tinned, orange, Box                                  |

## BLL 5.08/14/180B 3.2SN OR BX

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

## Counterpart

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## SL 5.08HC/90

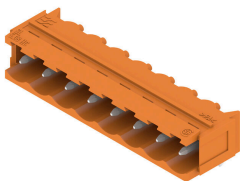


Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/14/90 3.2SN B... | Version   |
| Order No.  | <a href="#">1155180000</a> | PCB plug-in connector, male header, open side, THT solder             |
| GTIN (EAN) | 4050118050691              | connection, 5.08 mm, Number of poles: 14, 90°, Solder pin length (l): |
| Qty.       | 50 ST                      | 3.2 mm, tinned, black, Box  |
| Type       | SL 5.08HC/14/90 3.2SN O... | Version   |
| Order No.  | <a href="#">1146990000</a> | PCB plug-in connector, male header, open side, THT solder             |
| GTIN (EAN) | 4050118051384              | connection, 5.08 mm, Number of poles: 14, 90°, Solder pin length (l): |
| Qty.       | 50 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/14/90B 3.2SN ... | Version  |
| Order No.  | <a href="#">1155710000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT |
| GTIN (EAN) | 4050118050233              | solder connection, 5.08 mm, Number of poles: 14, 90°, Solder pin     |
| Qty.       | 50 ST                      | length (l): 3.2 mm, tinned, black, Box                               |
| Type       | SL 5.08HC/14/90B 3.2SN ... | Version  |
| Order No.  | <a href="#">1154900000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT |
| GTIN (EAN) | 4050118050929              | solder connection, 5.08 mm, Number of poles: 14, 90°, Solder pin     |
| Qty.       | 50 ST                      | length (l): 3.2 mm, tinned, orange, Box                              |

## BLL 5.08/14/180B 3.2SN OR BX

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## Counterpart

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## SL 5.08HC/90G

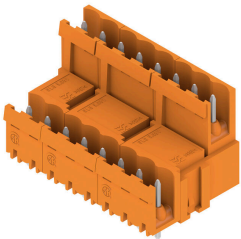


Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/14/90G 3.2SN ... | Version   |
| Order No.  | <a href="#">1155450000</a> | PCB plug-in connector, male header, closed side, THT solder           |
| GTIN (EAN) | 4050118050462              | connection, 5.08 mm, Number of poles: 14, 90°, Solder pin length (l): |
| Qty.       | 50 ST                      | 3.2 mm, tinned, black, Box  |
| Type       | SL 5.08HC/14/90G 3.2SN ... | Version   |
| Order No.  | <a href="#">1147680000</a> | PCB plug-in connector, male header, closed side, THT solder           |
| GTIN (EAN) | 4050118051155              | connection, 5.08 mm, Number of poles: 14, 90°, Solder pin length (l): |
| Qty.       | 50 ST                      | 3.2 mm, tinned, orange, Box   |

## SLDV 5.08/180

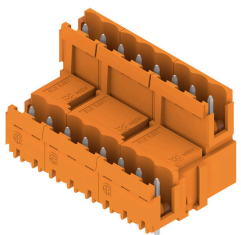


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

## General ordering data

|            |                             |   |
|------------|-----------------------------|---|
| Type       | SLDV 5.08V/28/180 3.2SN ... | Version   |
| Order No.  | <a href="#">1725770000</a>  | PCB plug-in connector, male header, open side, THT solder         |
| GTIN (EAN) | 4032248062065               | connection, 5.08 mm, Number of poles: 28, 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.

## BLL 5.08/14/180B 3.2SN OR BX

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## Counterpart

### General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | SLD 5.08V/28/180B 3.2SN... | Version  |
| Order No.  | <a href="#">1726860000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT |
| GTIN (EAN) | 4032248062744              | solder connection, 5.08 mm, Number of poles: 28, 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/28/90 3.2 SN ... | Version   |
| Order No.  | <a href="#">1725290000</a> | PCB plug-in connector, male header, open side, THT solder             |
| GTIN (EAN) | 4032248060696              | connection, 5.08 mm, Number of poles: 28, 90°, Solder pin length (l): |
| Qty.       | 10 ST                      | 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/14/180 1.... | Version   |
| Order No.  | <a href="#">1775722001</a> | PCB plug-in connector, male header, open side, THT/THR solder     |
| GTIN (EAN) | 4032248158379              | connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length |
| Qty.       | 50 ST                      | (l): 1.5 mm, tinned, black, Box                                   |
| Type       | SL-SMT 5.08HC/14/180 3.... | Version   |
| Order No.  | <a href="#">1838100000</a> | PCB plug-in connector, male header, open side, THT/THR solder     |
| GTIN (EAN) | 4032248348169              | connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length |
| Qty.       | 50 ST                      | (l): 3.2 mm, tinned, black, Box                                   |

## BLL 5.08/14/180B 3.2SN OR BX

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## Counterpart

## 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/14/180G 1... | Version   |
| Order No.  | <a href="#">1776252001</a> | PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length |
| GTIN (EAN) | 4032248159031              | (l): 1.5 mm, tinned, black, Box   |
| Qty.       | 50 ST                      |   |
| Type       | SL-SMT 5.08HC/14/180G 3... | Version   |
| Order No.  | <a href="#">1838330000</a> | PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length |
| GTIN (EAN) | 4032248348398              | (l): 3.2 mm, tinned, black, Box   |
| Qty.       | 50 ST                      |   |

## 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/14/90 3.2... | Version   |
| Order No.  | <a href="#">1780070000</a> | PCB plug-in connector, male header, open side, THT/THR solder connection, 5.08 mm, Number of poles: 14, 90°, Solder pin length (l): |
| GTIN (EAN) | 4032248165391              | 3.2 mm, tinned, black, Box  |
| Qty.       | 50 ST                      |   |

## 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.

## BLL 5.08/14/180B 3.2SN OR BX

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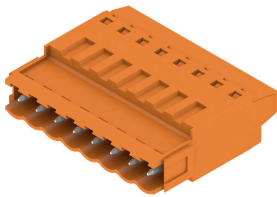
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## Counterpart

### General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | SL-SMT 5.08HC/14/90G 3...  | Version   |
| Order No.  | <a href="#">1780300000</a> | PCB plug-in connector, male header, closed side, THT/THR solder       |
| GTIN (EAN) | 4032248165629              | connection, 5.08 mm, Number of poles: 14, 90°, Solder pin length (l): |
| Qty.       | 50 ST                      | 3.2 mm, tinned, black, Box  |

### SLT 5.08B

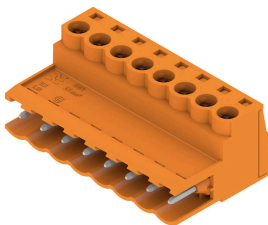


Male plugs with screw TOP wire connection. The male plug provides space for labelling and can be coded.

### General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | SLT 5.08/14/180B SN OR ... | Version   |
| Order No.  | <a href="#">1611830000</a> | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 14, |
| GTIN (EAN) | 4008190192716              | 180°, TOP connection, Clamping range, max.: 2.5 mm², Box        |
| Qty.       | 50 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 5.08/14/180 SN OR BX   | Version   |
| Order No.  | <a href="#">1627210000</a> | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 14, |
| GTIN (EAN) | 4008190199722              | 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm², |
| Qty.       | 24 ST                      | Box   |

## BLL 5.08/14/180B 3.2SN OR BX

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## Counterpart

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### 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 5.08/14/180B SN OR ... | Version  |
| Order No.  | <a href="#">1627360000</a> | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 14,  |
| GTIN (EAN) | 4008190199876              | 180°, Clamping yoke connection, Clamping range, max. : 3.31 mm², |
| Qty.       | 24 ST                      | Box  |