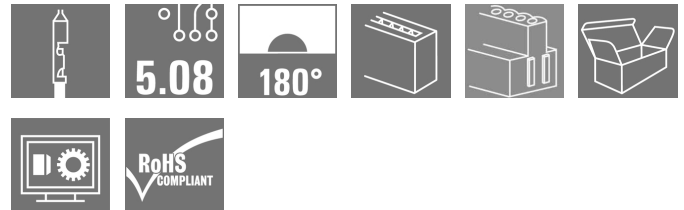


## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/02/180BR OR BX

**Weidmüller Interface GmbH & Co. KG**  
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### Product image



Similar to illustration

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

### General ordering data

|              |   |
|--------------|---|
| Type         | BLC 5.08/02/180BR OR BX   |
| Order No.    | <a href="#">1649370000</a>  |
| 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 |
| GTIN (EAN)   | 4008190294496   |
| Qty.         | 100 pc(s).  |
| Product data | IEC: 400 V / 21 A<br>UL: 300 V / 10 A / AWG 26 - AWG 14   |
| Packaging    | Box   |

Creation date May 3, 2020 4:41:54 PM CEST

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**Technical data**
**Dimensions and weights**

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Width      | 12.16 mm | Width (inches)  | 0.479 inch |
| Height     | 10.1 mm  | Height (inches) | 0.398 inch |
| Depth      | 24.5 mm  | Depth (inches)  | 0.965 inch |
| Net weight | 1.333 g  |                 |            |

**System Parameters**

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

**Material data**

|                                       |                          |                                       |                     |
|---------------------------------------|--------------------------|---------------------------------------|---------------------|
| Insulating material                   | PBT GF                   | Colour                                | orange              |
| Colour chart (similar)                | RAL 2000                 | Insulating material group             | IIIa                |
| Comparative Tracking Index (CTI)      | ≥ 200                    | Insulation strength                   | ≥ 10 <sup>8</sup> Ω |
| UL 94 flammability rating             | V-0                      | Contact material                      | Copper alloy        |
| Layer structure of plug contact       | 4-8 μm Sn hot-dip tinned | Storage temperature, min.             | -25 °C              |
| Storage temperature, max.             | 50 °C                    | Max. relative humidity during storage | 70 %                |
| Operating temperature, min.           | -50 °C                   | Operating temperature, max.           | 100 °C              |
| Temperature range, installation, min. | -25 °C                   | Temperature range, installation, max. | 100 °C              |

**Conductors suitable for connection**

|   |  |   |                     |
|---|--|---|---------------------|
| Clamping range, min.                    | 0.22 mm <sup>2</sup>   | Clamping range, max.                    | 2.5 mm <sup>2</sup> |
| Wire connection cross section AWG, min. | AWG 24   | Wire connection cross section AWG, max. | AWG 14              |
| Flexible, min. H05(07) V-K              | 0.5 mm <sup>2</sup>  | Flexible, max. H05(07) V-K              | 2.5 mm <sup>2</sup> |
| Reference text                          | The outside diameter of the plastic collar should not be larger than the pitch (P). Length of ferrules is to be chosen depending on the product and the rated voltage. | Max. clamping range                     | 2.5 mm <sup>2</sup> |


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**Technical data****Rated data acc. to IEC**

|   |                        |   |                   |
|---|------------------------|---|-------------------|
| tested acc. to standard   | IEC 60664-1, IEC 61984 | Rated current, min. number of poles (Tu=20°C)                         | 21 A              |
| Rated current, max. number of poles (Tu=20°C)                             | 14.5 A                 | Rated current, min. number of poles (Tu=40°C)                         | 18 A              |
| Rated current, max. number of poles (Tu=40°C)                             | 12.5 A                 | Rated voltage for surge voltage class / pollution degree II/2         | 400 V             |
| Rated voltage for surge voltage class / pollution degree III/2            | 320 V                  | Rated voltage for surge voltage class / pollution degree III/3        | 250 V             |
| Rated impulse voltage for surge voltage class/ pollution degree II/2      | 4 kV                   | Rated impulse voltage for surge voltage class/ pollution degree III/2 | 4 kV              |
| Rated impulse voltage for surge voltage class/ contamination degree III/3 | 4 kV                   | Short-time withstand current resistance                               | 3 x 1s with 120 A |

**Rated data acc. to CSA**

|                                   |   |                                   |           |
|-----------------------------------|---|-----------------------------------|-----------|
| Institute (CSA)                   |  | Certificate No. (CSA)             | 12400-374 |
| Rated voltage (Use group B / CSA) | 300 V   | Rated voltage (Use group D / CSA) | 300 V     |
| Rated current (Use group B / CSA) | 10 A  | Rated current (Use group D / CSA) | 10 A      |
| Wire cross-section, AWG, min.     | AWG 26  | Wire cross-section, AWG, max.     | AWG 14    |
| Reference to approval values      | Specifications are maximum values, details - see approval certificate.            |                                   |           |

**Rated data acc. to UL 1059**

|                                       |   |                                       |        |
|---------------------------------------|---|---------------------------------------|--------|
| Institute (UR)                        |  | Certificate No. (UR)                  | E60693 |
| Rated voltage (Use group B / UL 1059) | 300 V   | Rated voltage (Use group D / UL 1059) | 300 V  |
| Rated current (Use group B / UL 1059) | 10 A  | Rated current (Use group D / UL 1059) | 10 A   |
| Wire cross-section, AWG, min.         | AWG 26  | Wire cross-section, AWG, max.         | AWG 14 |
| Reference to approval values          | Specifications are maximum values, details - see approval certificate.              |                                       |        |

**Packing**

|           |       |            |        |
|-----------|-------|------------|--------|
| Packaging | Box   | VPE length | 70 mm  |
| VPE width | 84 mm | VPE height | 104 mm |

**Classifications**

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC002638    | ETIM 7.0   | EC002638    |
| eClass 9.0  | 27-44-03-09 | eClass 9.1 | 27-44-03-09 |
| eClass 10.0 | 27-44-03-09 | UNSPSC     | 30-21-18-10 |

**Data sheet**

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

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**Technical data**

**Notes**

|                |   |
|----------------|---|
| Notes          | <ul style="list-style-type: none"> <li>• Additional colours 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> <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> </ul> |
| IPC conformity | Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.  |

**Approvals**

Approvals



ROHS

Conform

**Downloads**

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of the Manufacturer</a>   |
| Brochure/Catalogue                          | <a href="#">FL DRIVES EN</a><br><a href="#">MB DEVICE MANUF. EN</a><br><a href="#">FL DRIVES DE</a><br><a href="#">CAT 2 PORTFOLIOGUIDE EN</a><br><a href="#">FL BUILDING SAFETY EN</a><br><a href="#">FL APPL LED LIGHTING EN</a><br><a href="#">FL INDUSTR.CONTROLS EN</a><br><a href="#">FL MACHINE SAFETY EN</a><br><a href="#">FL HEATING ELECTR EN</a><br><a href="#">FL APPL INVERTER EN</a><br><a href="#">FL_BASE_STATION_EN</a><br><a href="#">FL ELEVATOR EN</a><br><a href="#">FL POWER SUPPLY EN</a><br><a href="#">FL 72H SAMPLE SER EN</a><br><a href="#">PO OMNIMATE EN</a> |
| Engineering Data                            | <a href="#">WSCAD</a>   |
| Engineering Data                            | <a href="#">STEP</a>  |

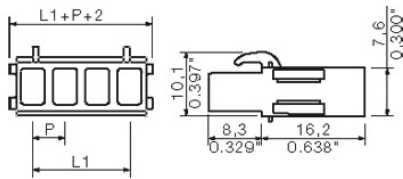
**Data sheet**

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

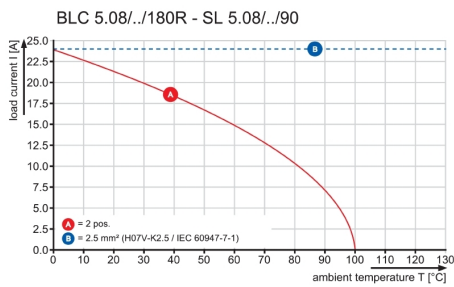
**Weidmüller Interface GmbH & Co. KG**  
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**Drawings**

**Dimensional drawing**



**Graph**



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**Mating connector (fully pluggable)**
**SL-SMT 5.08/180 Tape**


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

**General ordering data**

| Type       | SL-SMT 5.08HC/02/180 1. ... | Version   | Product data        | Packaging |
|------------|-----------------------------|---|---------------------|-----------|
| Order No.  | <a href="#">1821100000</a>  | PCB plug-in connector, male header, open side, THT/THR solder         | IEC: 400 V / 27.5 A | Tape      |
| GTIN (EAN) | 4032248319749               | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 250 pc(s).                  | 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   | Product data        | Packaging |
|------------|-----------------------------|---|---------------------|-----------|
| Order No.  | <a href="#">1775922001</a>  | PCB plug-in connector, male header, closed side, THT/THR solder       | IEC: 400 V / 27.5 A | Box       |
| GTIN (EAN) | 4032248158911               | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 100 pc(s).                  | 1.5 mm, tinned, black, Box  |                     |           |
| Type       | SL-SMT 5.08HC/02/180G 3 ... | Version   | Product data        | Packaging |
| Order No.  | <a href="#">1838210000</a>  | PCB plug-in connector, male header, closed side, THT/THR solder       | IEC: 400 V / 27.5 A | Box       |
| GTIN (EAN) | 4032248348275               | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 100 pc(s).                  | 3.2 mm, tinned, black, Box  |                     |           |

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

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**Mating connector (fully pluggable)**
**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   | Product data      | Packaging |
|------------|-----------------------------|---|-------------------|-----------|
| Order No.  | <a href="#">1603060000</a>  | PCB plug-in connector, male header, open side, THT solder             | IEC: 400 V / 17 A | Box       |
| GTIN (EAN) | 4008190095512               | connection, 5.08 mm, Number of poles: 2, 135°, Solder pin length (l): | UL: 300 V / 15 A  |           |
| Qty.       | 100 pc(s).                  | 3.2 mm, tinned, orange, Box   |                   |           |

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

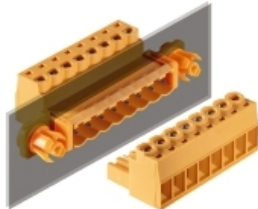

High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

**General ordering data**

| Type       | SL-SMT 5.08HC/02/270GH ... | Version   | Product data        | Packaging |
|------------|----------------------------|---|---------------------|-----------|
| Order No.  | <a href="#">1877370000</a> | PCB plug-in connector, male header, closed side, THT/THR solder       | IEC: 400 V / 27.5 A | Box       |
| GTIN (EAN) | 4032248468003              | connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 100 pc(s).                 | 3.2 mm, tinned, black, Box  |                     |           |
| Type       | SL-SMT 5.08HC/02/270GH ... | Version   | Product data        | Packaging |
| Order No.  | <a href="#">1876340000</a> | PCB plug-in connector, male header, closed side, THT/THR solder       | IEC: 400 V / 27.5 A | Box       |
| GTIN (EAN) | 4032248466818              | connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 100 pc(s).                 | 1.5 mm, tinned, black, Box  |                     |           |

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

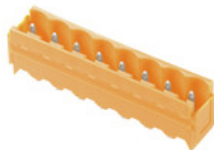
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**Mating connector (fully pluggable)**
**SLS 5.08/180DF SN**


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

**General ordering data**

| Type       | SLS 5.08/02/180DF SN OR ... | Version   | Product data                                    | Packaging |
|------------|-----------------------------|---|---|-----------|
| Order No.  | <a href="#">1353470000</a>  | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,                | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup> | Box       |
| GTIN (EAN) | 4050118156218               | 180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> , | UL: 300 V / 14 A / AWG 26 - AWG 12              |           |
| Qty.       | 54 pc(s).                   | 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  | Product data       | Packaging |
|------------|-----------------------------|--|--------------------|-----------|
| Order No.  | <a href="#">1149400000</a>  | PCB plug-in connector, male header, Dovetails for fixing blocks, THT | IEC: 400 V / 24 A  | Box       |
| GTIN (EAN) | 4032248934669               | solder connection, 5.08 mm, Number of poles: 2, 180°, Solder pin     | UL: 300 V / 18.5 A |           |
| Qty.       | 100 pc(s).                  | length (l): 3.2 mm, tinned, black, Box                               |                    |           |
| Type       | SL 5.08HC/02/180B 3.2SN ... | Version  | Product data       | Packaging |
| Order No.  | <a href="#">1147300000</a>  | PCB plug-in connector, male header, Dovetails for fixing blocks, THT | IEC: 400 V / 24 A  | Box       |
| GTIN (EAN) | 4032248933839               | solder connection, 5.08 mm, Number of poles: 2, 180°, Solder pin     | UL: 300 V / 18.5 A |           |
| Qty.       | 100 pc(s).                  | length (l): 3.2 mm, tinned, orange, Box                              |                    |           |



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**Mating connector (fully pluggable)**
**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  | Product data      | Packaging |
|------------|-----------------------------|--|-------------------|-----------|
| Order No.  | <a href="#">1726280000</a>  | PCB plug-in connector, male header, Dovetails for fixing blocks, THT | IEC: 400 V / 17 A | Box       |
| GTIN (EAN) | 4032248061259               | solder connection, 5.08 mm, Number of poles: 4, 90°, Solder pin      | UL: 300 V / 10 A  |           |
| Qty.       | 50 pc(s).                   | length (l): 3.2 mm, tinned, orange, Box                              |                   |           |

**SL 5.08/180B**


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

**General ordering data**

| Type       | SL 5.08/02/180B 3.2SN O ... | Version  | Product data      | Packaging |
|------------|-----------------------------|--|-------------------|-----------|
| Order No.  | <a href="#">1519560000</a>  | PCB plug-in connector, male header, Dovetails for fixing blocks, THT | IEC: 400 V / 18 A | Box       |
| GTIN (EAN) | 4008190083892               | solder connection, 5.08 mm, Number of poles: 2, 180°, Solder pin     | UL: 300 V / 15 A  |           |
| Qty.       | 100 pc(s).                  | length (l): 3.2 mm, tinned, orange, Box                              |                   |           |

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**Mating connector (fully pluggable)**
**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   | Product data        | Packaging |
|------------|-----------------------------|---|---------------------|-----------|
| Order No.  | <a href="#">1820170000</a>  | PCB plug-in connector, male header, closed side, THT/THR solder       | IEC: 400 V / 27.5 A | Tape      |
| GTIN (EAN) | 4032248315680               | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 250 pc(s).                  | 1.5 mm, tinned, black, Tape   |                     |           |

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

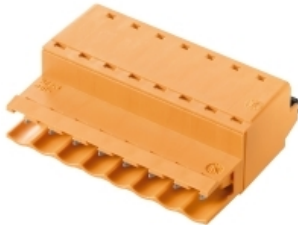

High-temperature-resistant, 90° angled, open male header. Packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

**General ordering data**

| Type       | SL-SMT 5.08HC/02/90 1.5 ... | Version  | Product data        | Packaging |
|------------|-----------------------------|--|---------------------|-----------|
| Order No.  | <a href="#">1774762001</a>  | PCB plug-in connector, male header, open side, THT/THR solder        | IEC: 400 V / 27.5 A | Box       |
| GTIN (EAN) | 4032248155699               | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 100 pc(s).                  | 1.5 mm, tinned, black, Box   |                     |           |
| Type       | SL-SMT 5.08HC/02/90 3.2 ... | Version  | Product data        | Packaging |
| Order No.  | <a href="#">1779950000</a>  | PCB plug-in connector, male header, open side, THT/THR solder        | IEC: 400 V / 27.5 A | Box       |
| GTIN (EAN) | 4032248165278               | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 100 pc(s).                  | 3.2 mm, tinned, black, Box   |                     |           |

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**Mating connector (fully pluggable)**
**SLF 5.08/180 SN**


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

**General ordering data**

| Type       | SLF 5.08/02/180 SN BK BX   | Version   | Product data                                    | Packaging |
|------------|----------------------------|---|---|-----------|
| Order No.  | <a href="#">1335560000</a> | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,  | IEC: 400 V / 25.9 A / 0.2 - 2.5 mm <sup>2</sup> | Box       |
| GTIN (EAN) | 4050118138740              | 180°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm <sup>2</sup> , UL: 300 V / 14 A / AWG 26 - AWG 12 |   |           |
| Qty.       | 180 pc(s).                 | Box   |   |           |
| Type       | SLF 5.08/02/180 SN OR BX   | Version   | Product data                                    | Packaging |
| Order No.  | <a href="#">1335330000</a> | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,  | IEC: 400 V / 25.9 A / 0.2 - 2.5 mm <sup>2</sup> | Box       |
| GTIN (EAN) | 4050118138559              | 180°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm <sup>2</sup> , UL: 300 V / 14 A / AWG 26 - AWG 12 |   |           |
| Qty.       | 180 pc(s).                 | Box   |   |           |

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


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

**General ordering data**

| Type       | SL-SMT 5.08HC/02/90G 3. ... | Version  | Product data        | Packaging |
|------------|-----------------------------|--|---------------------|-----------|
| Order No.  | <a href="#">1780180000</a>  | PCB plug-in connector, male header, closed side, THT/THR solder      | IEC: 400 V / 27.5 A | Box       |
| GTIN (EAN) | 4032248165506               | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 100 pc(s).                  | 3.2 mm, tinned, black, Box   |                     |           |
| Type       | SL-SMT 5.08HC/02/90G 1. ... | Version  | Product data        | Packaging |
| Order No.  | <a href="#">1775002001</a>  | PCB plug-in connector, male header, closed side, THT/THR solder      | IEC: 400 V / 27.5 A | Box       |
| GTIN (EAN) | 4032248156023               | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 100 pc(s).                  | 1.5 mm, tinned, black, Box   |                     |           |

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

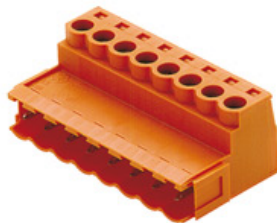
**Weidmüller Interface GmbH & Co. KG**  
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www.weidmueller.com

**Mating connector (fully pluggable)**
**SL 5.08HC/90G**


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

**General ordering data**

| Type       | SL 5.08HC/02/90G 3.2SN ... | Version  | Product data                            | Packaging |
|------------|----------------------------|--|---|-----------|
| Order No.  | <a href="#">1147280000</a> | PCB plug-in connector, male header, closed side, THT solder connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, orange, Box | IEC: 400 V / 24 A<br>UL: 300 V / 18.5 A | Box       |
| GTIN (EAN) | 4050118051278              |  |   |           |
| Qty.       | 100 pc(s).                 |  |   |           |
| Type       | SL 5.08HC/02/90G 3.2SN ... | Version  | Product data                            | Packaging |
| Order No.  | <a href="#">1155320000</a> | PCB plug-in connector, male header, closed side, THT solder connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, black, Box  | IEC: 400 V / 24 A<br>UL: 300 V / 18.5 A | Box       |
| GTIN (EAN) | 4050118050585              |  |   |           |
| Qty.       | 100 pc(s).                 |  |   |           |

**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   | Product data  | Packaging |
|------------|----------------------------|---|---|-----------|
| Order No.  | <a href="#">1627240000</a> | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2, 180°, Clamping yoke connection, Clamping range, max. : 3.31 mm², Box | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm²<br>UL: 300 V / 14 A / AWG 26 - AWG 12 | Box       |
| GTIN (EAN) | 4008190199753              |   |   |           |
| Qty.       | 150 pc(s).                 |   |   |           |

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

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**Mating connector (fully pluggable)**
**SL-SMT 5.08/270GL Box**


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

**General ordering data**

| Type       | SL-SMT 5.08HC/02/270GL ... | Version  | Product data                              | Packaging |
|------------|----------------------------|--|---|-----------|
| Order No.  | <a href="#">1877100000</a> | PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): 1.5 mm, tinned, black, Box | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |
| GTIN (EAN) | 4032248467570              |  |   |           |
| Qty.       | 100 pc(s).                 |  |   |           |
| Type       | SL-SMT 5.08HC/02/270GL ... | Version  | Product data                              | Packaging |
| Order No.  | <a href="#">1877470000</a> | PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): 3.2 mm, tinned, black, Box | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |
| GTIN (EAN) | 4032248468096              |  |   |           |
| Qty.       | 100 pc(s).                 |  |   |           |

**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  | Product data                          | Packaging |
|------------|----------------------------|--|---------------------------------------|-----------|
| Order No.  | <a href="#">1725170000</a> | PCB plug-in connector, male header, open side, THT solder connection, 5.08 mm, Number of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, orange, Box | IEC: 400 V / 17 A<br>UL: 300 V / 10 A | Box       |
| GTIN (EAN) | 4032248060573              |  |                                       |           |
| Qty.       | 50 pc(s).                  |  |                                       |           |

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

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**Mating connector (fully pluggable)**
**SL 5.08/90B**


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

**General ordering data**

| Type       | SL 5.08/02/90B 3.2SN BK ... | Version  | Product data      | Packaging |
|------------|-----------------------------|--|-------------------|-----------|
| Order No.  | <a href="#">1510310000</a>  | PCB plug-in connector, male header, Dovetails for fixing blocks, THT | IEC: 400 V / 18 A | Box       |
| GTIN (EAN) | 4008190477684               | solder connection, 5.08 mm, Number of poles: 2, 90°, Solder pin      | UL: 300 V / 15 A  |           |
| Qty.       | 100 pc(s).                  | length (l): 3.2 mm, tinned, black, Box                               |                   |           |
| Type       | SL 5.08/02/90B 3.2SN OR ... | Version  | Product data      | Packaging |
| Order No.  | <a href="#">1510360000</a>  | PCB plug-in connector, male header, Dovetails for fixing blocks, THT | IEC: 400 V / 18 A | Box       |
| GTIN (EAN) | 4008190180188               | solder connection, 5.08 mm, Number of poles: 2, 90°, Solder pin      | UL: 300 V / 15 A  |           |
| Qty.       | 100 pc(s).                  | length (l): 3.2 mm, tinned, orange, Box                              |                   |           |

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


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

**General ordering data**

| Type       | SL-SMT 5.08HC/02/270GL ...  | Version   | Product data        | Packaging |
|------------|-----------------------------|---|---------------------|-----------|
| Order No.  | <a href="#">1877740000</a>  | PCB plug-in connector, male header, closed side, THT/THR solder       | IEC: 400 V / 27.5 A | Tape      |
| GTIN (EAN) | 4032248467891               | connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 350 pc(s).                  | 1.5 mm, tinned, black, Tape   |                     |           |
| Type       | SL-SMT 5.08/02/270GL 3. ... | Version   | Product data        | Packaging |
| Order No.  | <a href="#">1877880000</a>  | PCB plug-in connector, male header, closed side, THT/THR solder       | IEC: 400 V / 27.5 A | Tape      |
| GTIN (EAN) | 4032248468553               | connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 350 pc(s).                  | 3.2 mm, tinned, black, Tape   |                     |           |

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

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**Mating connector (fully pluggable)**
**SL 5.08/90**


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

**General ordering data**

| Type       | SL 5.08/02/90 3.2SN OR ... | Version  | Product data      | Packaging |
|------------|----------------------------|--|-------------------|-----------|
| Order No.  | <a href="#">1508060000</a> | PCB plug-in connector, male header, open side, THT solder            | IEC: 400 V / 18 A | Box       |
| GTIN (EAN) | 4008190189006              | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): | UL: 300 V / 15 A  |           |
| Qty.       | 100 pc(s).                 | 3.2 mm, tinned, orange, Box  |                   |           |

**SL 5.08HC/180**

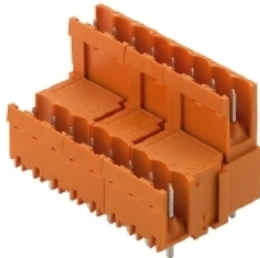

Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is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

**General ordering data**

| Type       | SL 5.08HC/02/180 3.2SN ... | Version   | Product data       | Packaging |
|------------|----------------------------|---|--------------------|-----------|
| Order No.  | <a href="#">1148080000</a> | PCB plug-in connector, male header, open side, THT solder             | IEC: 400 V / 24 A  | Box       |
| GTIN (EAN) | 4032248934386              | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): | UL: 300 V / 18.5 A |           |
| Qty.       | 100 pc(s).                 | 3.2 mm, tinned, black, Box  |                    |           |
| Type       | SL 5.08HC/02/180 3.2SN ... | Version   | Product data       | Packaging |
| Order No.  | <a href="#">1146320000</a> | PCB plug-in connector, male header, open side, THT solder             | IEC: 400 V / 24 A  | Box       |
| GTIN (EAN) | 4032248108916              | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): | UL: 300 V / 18.5 A |           |
| Qty.       | 100 pc(s).                 | 3.2 mm, tinned, orange, Box   |                    |           |

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

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**Mating connector (fully pluggable)**
**SLDV 5.08/180B**


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

**General ordering data**

| Type       | SLD 5.08V/04/180B 3.2SN ... | Version  | Product data      | Packaging |
|------------|-----------------------------|--|-------------------|-----------|
| Order No.  | <a href="#">1726740000</a>  | PCB plug-in connector, male header, Dovetails for fixing blocks, THT | IEC: 400 V / 14 A | Box       |
| GTIN (EAN) | 4032248062621               | solder connection, 5.08 mm, Number of poles: 4, 180°, Solder pin     | UL: 300 V / 10 A  |           |
| Qty.       | 50 pc(s).                   | length (l): 3.2 mm, tinned, orange, Box                              |                   |           |

**SLT 5.08B**


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

**General ordering data**

| Type       | SLT 5.08/02/180B SN OR ... | Version  | Product data                                  | Packaging |
|------------|----------------------------|--|---|-----------|
| Order No.  | <a href="#">1611710000</a> | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,         | IEC: 400 V / 16 A / 0.2 - 2.5 mm <sup>2</sup> | Box       |
| GTIN (EAN) | 4008190192594              | 180°, TOP connection, Clamping range, max. : 2.5 mm <sup>2</sup> , Box | UL: 300 V / 15 A / AWG 26 - AWG 14            |           |
| Qty.       | 100 pc(s).                 |  |   |           |



**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

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**Mating connector (fully pluggable)**
**SL 5.08HC/90B**


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

**General ordering data**

| Type       | SL 5.08HC/02/90B 3.2SN ... | Version  | Product data       | Packaging |
|------------|----------------------------|--|--------------------|-----------|
| Order No.  | <a href="#">1148030000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT | IEC: 400 V / 24 A  | Box       |
| GTIN (EAN) | 4050118051049              | solder connection, 5.08 mm, Number of poles: 2, 90°, Solder pin      | UL: 300 V / 18.5 A |           |
| Qty.       | 100 pc(s).                 | length (l): 3.2 mm, tinned, orange, Box                              |                    |           |
| Type       | SL 5.08HC/02/90B 3.2SN ... | Version  | Product data       | Packaging |
| Order No.  | <a href="#">1155580000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT | IEC: 400 V / 24 A  | Box       |
| GTIN (EAN) | 4050118050356              | solder connection, 5.08 mm, Number of poles: 2, 90°, Solder pin      | UL: 300 V / 18.5 A |           |
| Qty.       | 100 pc(s).                 | length (l): 3.2 mm, tinned, black, Box                               |                    |           |

**SLF 5.08/180B SN**


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

**General ordering data**

| Type       | SLF 5.08/02/180B SN BK ... | Version  | Product data                                    | Packaging |
|------------|----------------------------|--|---|-----------|
| Order No.  | <a href="#">1335770000</a> | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,                 | IEC: 400 V / 25.9 A / 0.2 - 2.5 mm <sup>2</sup> | Box       |
| GTIN (EAN) | 4050118140590              | 180°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm <sup>2</sup> , | UL: 300 V / 14 A / AWG 26 - AWG 12              |           |
| Qty.       | 150 pc(s).                 | Box  |   |           |
| Type       | SLF 5.08/02/180B SN OR ... | Version  | Product data                                    | Packaging |
| Order No.  | <a href="#">1335440000</a> | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,                 | IEC: 400 V / 25.9 A / 0.2 - 2.5 mm <sup>2</sup> | Box       |
| GTIN (EAN) | 4050118138832              | 180°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm <sup>2</sup> , | UL: 300 V / 14 A / AWG 26 - AWG 12              |           |
| Qty.       | 150 pc(s).                 | Box  |   |           |

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

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


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

**General ordering data**

| Type       | SL 5.08HC/02/180G 3.2SN ... | Version   | Product data       | Packaging |
|------------|-----------------------------|---|--------------------|-----------|
| Order No.  | <a href="#">1146730000</a>  | PCB plug-in connector, male header, closed side, THT solder           | IEC: 400 V / 24 A  | Box       |
| GTIN (EAN) | 4032248108688               | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): | UL: 300 V / 18.5 A |           |
| Qty.       | 100 pc(s).                  | 3.2 mm, tinned, orange, Box   |                    |           |
| Type       | SL 5.08HC/02/180G 3.2SN ... | Version   | Product data       | Packaging |
| Order No.  | <a href="#">1148630000</a>  | PCB plug-in connector, male header, closed side, THT solder           | IEC: 400 V / 24 A  | Box       |
| GTIN (EAN) | 4032248934409               | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): | UL: 300 V / 18.5 A |           |
| Qty.       | 100 pc(s).                  | 3.2 mm, tinned, black, Box  |                    |           |

**SL 5.08HC/90**


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

**General ordering data**

| Type       | SL 5.08HC/02/90 3.2SN B ... | Version  | Product data       | Packaging |
|------------|-----------------------------|--|--------------------|-----------|
| Order No.  | <a href="#">1155030000</a>  | PCB plug-in connector, male header, open side, THT solder            | IEC: 400 V / 24 A  | Box       |
| GTIN (EAN) | 4050118050813               | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): | UL: 300 V / 18.5 A |           |
| Qty.       | 100 pc(s).                  | 3.2 mm, tinned, black, Box   |                    |           |
| Type       | SL 5.08HC/02/90 3.2SN O ... | Version  | Product data       | Packaging |
| Order No.  | <a href="#">1146720000</a>  | PCB plug-in connector, male header, open side, THT solder            | IEC: 400 V / 24 A  | Box       |
| GTIN (EAN) | 4050118051506               | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): | UL: 300 V / 18.5 A |           |
| Qty.       | 100 pc(s).                  | 3.2 mm, tinned, orange, Box  |                    |           |

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

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**Mating connector (fully pluggable)**
**SL 5.08/135B**


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

**General ordering data**

| Type       | SL 5.08/02/135B 3.2SN O ... | Version  | Product data      | Packaging |
|------------|-----------------------------|--|-------------------|-----------|
| Order No.  | <a href="#">1605530000</a>  | PCB plug-in connector, male header, Dovetails for fixing blocks, THT | IEC: 400 V / 17 A | Box       |
| GTIN (EAN) | 4008190104290               | solder connection, 5.08 mm, Number of poles: 2, 135°, Solder pin     | UL: 300 V / 15 A  |           |
| Qty.       | 100 pc(s).                  | length (l): 3.2 mm, tinned, orange, Box                              |                   |           |

**SLDV 5.08/180**


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

**General ordering data**

| Type       | SLD 5.08V/04/180 3.2SN ... | Version   | Product data      | Packaging |
|------------|----------------------------|---|-------------------|-----------|
| Order No.  | <a href="#">1725650000</a> | PCB plug-in connector, male header, open side, THT solder             | IEC: 400 V / 14 A | Box       |
| GTIN (EAN) | 4032248061945              | connection, 5.08 mm, Number of poles: 4, 180°, Solder pin length (l): | UL: 300 V / 10 A  |           |
| Qty.       | 50 pc(s).                  | 3.2 mm, tinned, orange, Box   |                   |           |

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

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**Mating connector (fully pluggable)**
**SL-SMT 5.08/270GH Tape**


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

**General ordering data**

| Type       | SL-SMT 5.08HC/02/270GH ... | Version   | Product data                              | Packaging |
|------------|----------------------------|---|---|-----------|
| Order No.  | <a href="#">1877810000</a> | PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): 3.2 mm, tinned, black, Tape | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Tape      |
| GTIN (EAN) | 4032248468461              |   |   |           |
| Qty.       | 335 pc(s).                 |   |   |           |
| Type       | SL-SMT 5.08HC/02/270GH ... | Version   | Product data                              | Packaging |
| Order No.  | <a href="#">1877560000</a> | PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): 1.5 mm, tinned, black, Tape | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Tape      |
| GTIN (EAN) | 4032248468188              |   |   |           |
| Qty.       | 335 pc(s).                 |   |   |           |

**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   | Product data                          | Packaging |
|------------|-----------------------------|---|---------------------------------------|-----------|
| Order No.  | <a href="#">1517260000</a>  | PCB plug-in connector, male header, open side, THT solder connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, orange, Box | IEC: 400 V / 18 A<br>UL: 300 V / 15 A | Box       |
| GTIN (EAN) | 4008190034795               |   |                                       |           |
| Qty.       | 100 pc(s).                  |   |                                       |           |

**OMNIMATE Signal - series BL/SL 5.08  
BLC 5.08/02/180BR OR BX**

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**Mating connector (fully pluggable)**
**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   | Product data                                    | Packaging |
|------------|----------------------------|---|---|-----------|
| Order No.  | <a href="#">1627090000</a> | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,                | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup> | Box       |
| GTIN (EAN) | 4008190199609              | 180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> , | UL: 300 V / 14 A / AWG 26 - AWG 12              |           |
| Qty.       | 180 pc(s).                 | 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  | Product data        | Packaging |
|------------|-----------------------------|--|---------------------|-----------|
| Order No.  | <a href="#">1821160000</a>  | PCB plug-in connector, male header, open side, THT/THR solder        | IEC: 400 V / 27.5 A | Tape      |
| GTIN (EAN) | 4032248319800               | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 350 pc(s).                  | 1.5 mm, tinned, black, Tape  |                     |           |

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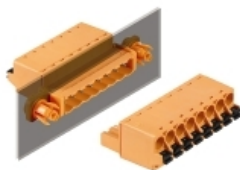
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**Mating connector (fully pluggable)**
**SL-SMT 5.08HC/90G Tape**


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  | Product data                              | Packaging |
|------------|-----------------------------|--|---|-----------|
| Order No.  | <a href="#">1821140000</a>  | PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, black, Tape | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Tape      |
| GTIN (EAN) | 4032248319787               |  |   |           |
| Qty.       | 350 pc(s).                  |  |   |           |

**SLF 5.08/180DF SN**


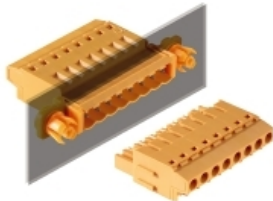
Male plug with PUSH IN wire connection and straight outlet direction, when used with BLF 5.08HC as wire-to-wire application for panel feed-through The male plugs provide space for labelling and can be coded.

**General ordering data**

| Type       | SLF 5.08/02/180DF SN OR ... | Version   | Product data                                    | Packaging |
|------------|-----------------------------|---|---|-----------|
| Order No.  | <a href="#">1353580000</a>  | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2, 180°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm <sup>2</sup> , UL: 300 V / 14 A / AWG 26 - AWG 12 | IEC: 400 V / 25.9 A / 0.2 - 2.5 mm <sup>2</sup> | Box       |
| GTIN (EAN) | 4050118156430               |   |   |           |
| Qty.       | 54 pc(s).                   | Box   |   |           |

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**Mating connector (fully pluggable)**
**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   | Product data                                  | Packaging |
|------------|-----------------------------|---|---|-----------|
| Order No.  | <a href="#">1353350000</a>  | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,        | IEC: 400 V / 16 A / 0.2 - 2.5 mm <sup>2</sup> | Box       |
| GTIN (EAN) | 4050118156645               | 180°, TOP connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Box | UL: 300 V / 15 A / AWG 26 - AWG 14            |           |
| Qty.       | 54 pc(s).                   |   |   |           |

**SL-SMT 5.08/180 Box**

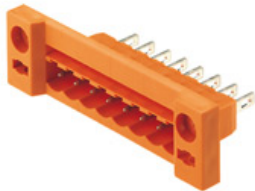

High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

**General ordering data**

| Type       | SL-SMT 5.08HC/02/180 1. ... | Version   | Product data        | Packaging |
|------------|-----------------------------|---|---------------------|-----------|
| Order No.  | <a href="#">1775522001</a>  | PCB plug-in connector, male header, open side, THT/THR solder         | IEC: 400 V / 27.5 A | Box       |
| GTIN (EAN) | 4032248157549               | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 100 pc(s).                  | 1.5 mm, tinned, black, Box  |                     |           |
| Type       | SL-SMT 5.08HC/02/180 3. ... | Version   | Product data        | Packaging |
| Order No.  | <a href="#">1837980000</a>  | PCB plug-in connector, male header, open side, THT/THR solder         | IEC: 400 V / 27.5 A | Box       |
| GTIN (EAN) | 4032248348046               | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): | UL: 300 V / 18.5 A  |           |
| Qty.       | 100 pc(s).                  | 3.2 mm, tinned, black, Box  |                     |           |

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**Mating connector (fully pluggable)**
**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 OR BX   | Version  | Product data      | Packaging |
|------------|----------------------------|--|-------------------|-----------|
| Order No.  | <a href="#">1599130000</a> | PCB plug-in connector, male header, 5.08 mm, Number of poles: 2, | IEC: 400 V / 15 A | Box       |
| GTIN (EAN) | 4008190175931              | 180°, Flat-blade connection, Solder connection, Box              | UL: 300 V / 10 A  |           |
| Qty.       | 60 pc(s).                  |  |                   |           |
| Type       | SLDF 5.08 L/F 2 SN BK BX   | Version  | Product data      | Packaging |
| Order No.  | <a href="#">1635740000</a> | PCB plug-in connector, male header, 5.08 mm, Number of poles: 2, | IEC: 400 V / 15 A | Box       |
| GTIN (EAN) | 4008190264161              | 180°, Flat-blade connection, Solder connection, Box              | UL: 300 V / 10 A  |           |
| Qty.       | 60 pc(s).                  |  |                   |           |



## OMNIMATE Signal - series BL/SL 5.08 BLC 5.08/02/180BR OR BX

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# Accessories

### Blocks for PCB mounting



#### Minor component, major effect:

Clip-on attachment elements increase the mechanical resilience of the whole plug connection by

- securing the male connectors to the circuit board
- providing a vibration-proof connection between the sockets and the male connectors

Clip-on or pre-assembled - always the right solution:

- Hard-wearing, precise fitting dovetail joint
- Hard-wearing metal threaded inserts
- Suitable for all outlet directions

Maximum stability, minimum effort:

- Extremely resilient for frequent fastening operations
- Complete set for easy selection

The result: soldering points, contacts and overall module are more resilient against mechanical stress such as vibrations and tensile loads.

### General ordering data

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

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# Accessories

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



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

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

#### General ordering data

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

### Crimp contacts



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

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

The following product options are available depending on the system:

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

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

#### General ordering data

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

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## Accessories

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

## Coding elements



**Only connects what is supposed to be connected: the right connection at the right place.**

Coding elements and locking devices clearly assign connecting elements during the manufacturing process and operation

The coding elements and locking devices are inserted prior to assembly or during the cable assembly phase. The Weidmüller alternative: configure online using the variant configurator to precode prior to delivery.

Incorrect assembly on the circuit board and incorrect plugging of connecting elements is no longer possible. The advantage: no troubleshooting during manufacture and no operational errors by the user.

## General ordering data

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