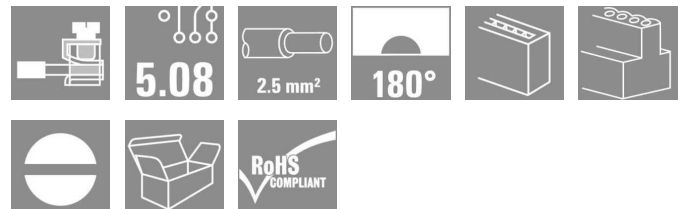


**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
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Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



Female plugs with leaf-spring wire connection system.  
The female plugs provide space for labelling.

**General ordering data**

|                     |  |
|---------------------|--|
| Delivery status     | <b>This article will no longer be available in the future.</b>   |
| Available until     | 2017-12-31   |
| Type                | BL 5.08/04/180 SN OR BX  |
| Order No.           | <a href="#">1716340000</a>   |
| Version             | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 4, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm², Box |
| GTIN (EAN)          | 4008190376376  |
| Qty.                | 100 pc(s).   |
| Product data        | IEC: 400 V / 14 A / 0.2 - 1.5 mm²<br>UL: 300 V / 10 A / AWG 26 - AWG 14  |
| Packaging           | Box  |
| Alternative product | <a href="#">1943600000</a>   |

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

|            |        |
|------------|--------|
| Net weight | 5.39 g |
|------------|--------|

**System parameters**

|                            |                                     |  |                           |
|----------------------------|-------------------------------------|--|---------------------------|
| Product family             | OMNIMATE Signal - series BL/SL 5.08 | Wire connection method                     | Pressure clamp connection |
| Conductor outlet direction | 180°                                | Pitch in mm (P)                            | 5.08 mm                   |
| Pitch in inches (P)        | 0.2 inch                            | No. of poles                               | 4                         |
| Plugging cycles            | 25                                  | Screwdriver blade                          | 0.6 x 3.5                 |
| Screwdriver blade standard | DIN 5264                            | Tightening torque, min.                    | 0.4 Nm                    |
| Tightening torque, max.    | 0.5 Nm                              | Clamping screw                             | M 2.5                     |
| Stripping length           | 6 mm                                | L1 in mm                                   | 15.24 mm                  |
| L1 in inches               | 0.6 inch                            | Touch-safe protection acc. to DIN VDE 0470 | IP 00                     |
| Volume resistance          | 4.60 mΩ                             |  |                           |

**Material data**

|                                       |          |                                       |                          |
|---------------------------------------|----------|---------------------------------------|--------------------------|
| Insulating material                   | PA       | Colour                                | Orange                   |
| Colour chart (similar)                | RAL 2000 | UL 94 flammability rating             | V-2                      |
| CTI                                   | ≥ 600    | Contact material                      | CuSn                     |
| Contact surface                       | tinned   | Layer structure of plug contact       | 4-8 μm Sn hot-dip tinned |
| Operating temperature, min.           | -50 °C   | Operating temperature, max.           | 100 °C                   |
| Temperature range, installation, min. | -25 °C   | Temperature range, installation, max. | 100 °C                   |
| Storage temperature, min.             | -25 °C   | Storage temperature, max.             | 55 °C                    |

**Connectable conductors**

|   |                      |   |                      |
|---|----------------------|---|----------------------|
| Clamping range, rated connection, min.          | 0.13 mm <sup>2</sup> | Clamping range, rated connection, max.          | 2.08 mm <sup>2</sup> |
| Wire connection cross section AWG, min.         | AWG 26               | Wire connection cross section AWG, max.         | AWG 14               |
| Solid, min. H05(07) V-U                         | 0.2 mm <sup>2</sup>  | Solid, max. H05(07) V-U                         | 1.5 mm <sup>2</sup>  |
| Flexible, min. H05(07) V-K                      | 0.2 mm <sup>2</sup>  | Flexible, max. H05(07) V-K                      | 1.5 mm <sup>2</sup>  |
| w. wire end ferrule, DIN 46228 pt 1, min.       | 0.2 mm <sup>2</sup>  | w. wire end ferrule, DIN 46228 pt 1, max.       | 1.5 mm <sup>2</sup>  |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.2 mm <sup>2</sup>  | w. plastic collar ferrule, DIN 46228 pt 4, max. | 1 mm <sup>2</sup>    |
| Plug gauge acc. to EN 60999 a x b; Ø            | 2.4 mm x 1.5 mm      |   |                      |

**Rating data acc. to IEC 60664-1 / IEC 61984**

|   |       |   |       |
|---|-------|---|-------|
| Rated current, min. no. of poles (Ta = 20°C)                          | 14 A  | Rated current, max. no. of poles (Ta = 20°C)                              | 12 A  |
| Rated current, min. no. of poles (Ta = 40°C)                          | 12 A  | Rated current, max. no. of poles (Ta = 40°C)                              | 10 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  |

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**Technical data****Rated data acc. to CSA**

Institute (CSA)



Certificate No. (CSA)

200039-1027343

|                               |        |
|-------------------------------|--------|
| Rated voltage (Use group B)   | 300 V  |
| Rated current (use group B)   | 10 A   |
| Wire cross-section, AWG, min. | AWG 26 |

|                               |        |
|-------------------------------|--------|
| Rated voltage (use group D)   | 300 V  |
| Rated current (use group D)   | 10 A   |
| 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)   | 300 V  |
| Rated current (use group B)   | 10 A   |
| Wire cross-section, AWG, min. | AWG 26 |

|                               |        |
|-------------------------------|--------|
| Rated voltage (use group D)   | 300 V  |
| Rated current (use group D)   | 10 A   |
| Wire cross-section, AWG, max. | AWG 14 |

Reference to approval values

Specifications are maximum values, details - see approval certificate.

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC001284    | ETIM 4.0   | EC002637    |
| ETIM 5.0   | EC002637    | ETIM 6.0   | EC002637    |
| UNSPSC     | 30-21-18-10 | eClass 5.1 | 27-26-07-04 |
| eClass 6.2 | 27-26-07-04 | eClass 7.1 | 27-44-04-02 |
| eClass 8.1 | 27-44-04-02 | eClass 9.0 | 27-44-04-02 |

**Notes**

Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Do not tighten screws in inserted condition
- 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.

IPC conformity

The products are developed, manufactured and delivered according to the internationally recognised IPC-A-610 standard, category "permissible". More extensive demands on the products can be evaluated on request.

**Data sheet**

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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**Technical data**

**Approvals**

Approvals

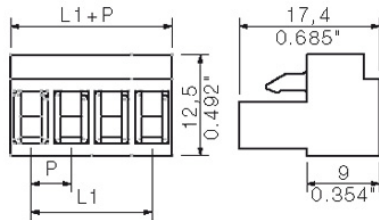


ROHS

Conform

**Data sheet****OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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**Drawings**

**OMNIMATE Signal - series BL/SL 5.08  
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**Mating connector (fully pluggable)**
**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                                  | Order No.                  | Version  | GTIN (EAN)    | Qty.       | Product data                              | Packaging |
|---------------------------------------|----------------------------|--|---------------|------------|---|-----------|
| SL-SMT<br>5.08HC/04/90<br>1.5SN BK BX | <a href="#">1774782001</a> | PCB plug-in connector, male<br>header, open side, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>90°, Solder pin length (l):<br>1.5 mm, tinned, Black, Box | 4032248155811 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |
| SL-SMT<br>5.08HC/04/90<br>3.2SN BK BX | <a href="#">1779970000</a> | PCB plug-in connector, male<br>header, open side, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>90°, Solder pin length (l):<br>3.2 mm, tinned, Black, Box | 4032248165292 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |

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

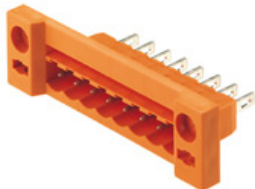

High-temperature-resistant, 90° angled, open male header. Packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

**General ordering data**

| Type                                  | Order No.                  | Version   | GTIN (EAN)    | Qty.       | Product data                              | Packaging   |
|---------------------------------------|----------------------------|---|---------------|------------|---|---|
| SL-SMT<br>5.08HC/04/90<br>1.5SN BK RL | <a href="#">1774784001</a> | PCB plug-in connector, male<br>header, open side, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>90°, Solder pin length (l):<br>1.5 mm, tinned, Black, Tape<br>(Ø 330 mm); Rs = 10 <sup>9</sup> -<br>10 <sup>12</sup> Ω | 4032248167678 | 350 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Tape<br>(Ø<br>330<br>mm);<br>Rs<br>=<br>10 <sup>9</sup><br>-<br>10 <sup>12</sup><br>Ω |

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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                        | Order No.                  | Version  | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|-----------------------------|----------------------------|--|---------------|------------|---------------------------------------|-----------|
| SLDF 5.08 L/F<br>4 SN BK BX | <a href="#">1635760000</a> | PCB plug-in connector,<br>male header, 5.08 mm,<br>No. of poles: 4, 180°, Flat-<br>blade connection, Solder<br>connection, Box | 4008190264192 | 100 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |
| SLDF 5.08 L/F<br>4 SN OR BX | <a href="#">1599150000</a> | PCB plug-in connector,<br>male header, 5.08 mm,<br>No. of poles: 4, 180°, Flat-<br>blade connection, Solder<br>connection, Box | 4008190133627 | 100 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |

**SLD 5.08/90G**


2-tier male header with parallel pin arrangement. 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                              | Order No.                  | Version  | GTIN (EAN)    | Qty.      | Product data                          | Packaging |
|-----------------------------------|----------------------------|--|---------------|-----------|---------------------------------------|-----------|
| SLD<br>5.08/08/90G<br>3.2SN OR BX | <a href="#">1601810000</a> | PCB plug-in connector, male<br>header, closed side, THT<br>solder connection, 5.08<br>mm, No. of poles: 8, 90°,<br>Solder pin length (l): 3.2<br>mm, tinned, Orange, Box | 4008190105105 | 50 pc(s). | IEC: 400 V / 11 A<br>UL: 300 V / 10 A | Box       |

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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          | Order No.                  | Version   | GTIN (EAN)    | Qty.       | Product data        | Packaging                                    |
|---------------|----------------------------|---|---------------|------------|---------------------|--|
| SL-SMT        | <a href="#">1775024001</a> | PCB plug-in connector, male   | 4032248167746 | 350 pc(s). | IEC: 400 V / 27.5 A | Tape   |
| 5.08HC/04/90G |                            | header, closed side, THT/<br>THR solder connection,                                     |               |            | UL: 300 V / 18.5 A  | (Ø 330 mm);                                  |
| 1.5SN BK RL   |                            | 5.08 mm, No. of poles: 4,<br>90°, Solder pin length (l):<br>1.5 mm, tinned, Black, Tape |               |            |                     | Rs = 10 <sup>9</sup> -<br>10 <sup>12</sup> Ω |
|               |                            |   |               |            |                     | 10 <sup>12</sup> Ω                           |

**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**

| Delivery status   | Available until           | Type                       | Order No.                  | Version  | GTIN (EAN)    | Qty.       |
|---|---------------------------|----------------------------|----------------------------|--|---------------|------------|
| This article will no longer be available in the future. | 2017-12-31T00:00:00+01:00 | SL 5.08/04/180 3.2SN OR BX | <a href="#">1517460000</a> | PCB plug-in connector, male header, open side, THT solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190042011 | 100 pc(s). |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN 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**

| Delivery status Available until                         | Type                      | Order No.                  | Version   | GTIN (EAN)    | Qty.       |
|---|---------------------------|----------------------------|---|---------------|------------|
| This article will no longer be available in the future. | SL 5.08/04/90 3.2SN OR BX | <a href="#">1508260000</a> | PCB plug-in connector, male header, open side, THT solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190021207 | 100 pc(s). |

**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                             | Order No.                  | Version  | GTIN (EAN)    | Qty.       | Product data                              | Packaging |
|----------------------------------|----------------------------|--|---------------|------------|---|-----------|
| SL-SMT 5.08HC/04/90G 1.5SN BK BX | <a href="#">1775022001</a> | PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248156085 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |
| SL-SMT 5.08HC/04/90G 3.2SN BK BX | <a href="#">1780200000</a> | PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248165520 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |

**OMNIMATE Signal - series BL/SL 5.08  
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**Mating connector (fully pluggable)**
**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                                    | Order No.                  | Version   | GTIN (EAN)    | Qty.       | Product data                              | Packaging |
|---|----------------------------|---|---------------|------------|---|-----------|
| SL-SMT<br>5.08HC/04/180G<br>3.2SN BK BX | <a href="#">1838230000</a> | PCB plug-in connector, male<br>header, closed side, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>180°, Solder pin length (l):<br>3.2 mm, tinned, Black, Box | 4032248348299 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |
| SL-SMT<br>5.08HC/04/180G<br>1.5SN BK BX | <a href="#">1775942001</a> | PCB plug-in connector, male<br>header, closed side, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>180°, Solder pin length (l):<br>1.5 mm, tinned, Black, Box | 4032248158935 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |

**SLZF 5.08/180**


Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

**General ordering data**

| Delivery status Available until                         | Type                      | Order No.                  | Version  | GTIN (EAN)    | Qty.       |
|---|---------------------------|----------------------------|--|---------------|------------|
| This article will no longer be available in the future. | SLZF 5.08/04/180 SN OR BX | <a href="#">1709390000</a> | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box | 4008190395902 | 100 pc(s). |
| This article will no longer be available in the future. | SLZF 5.08/04/180 SN BK BX | <a href="#">1709620000</a> | PCB plug-in connector, male  | 4008190318925 | 100 pc(s). |

Creation date March 1, 2016 12:21:21 AM CET

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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**Mating connector (fully pluggable)**

available in the future.

plug, 5.08 mm,  
No. of poles: 4,  
180°, Tension  
clamp connection,  
Clamping range,  
rated connection,  
max.: 3.31 mm<sup>2</sup>,  
Box

**SL-SMT 5.08/180 Tape**


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

**General ordering data**

| Type          | Order No.                  | Version  | GTIN (EAN)    | Qty.       | Product data        | Packaging   |
|---------------|----------------------------|--|---------------|------------|---------------------|---|
| SL-SMT        | <a href="#">1775594001</a> | PCB plug-in connector, male  | 4032248159505 | 250 pc(s). | IEC: 400 V / 27.5 A | Tape  |
| 5.08HC/04/180 |                            | header, open side, THT/<br>THR solder connection,  |               |            | UL: 300 V / 18.5 A  | (Ø  |
| 1.5SN BK RL   |                            | 5.08 mm, No. of poles: 4,<br>180°, Solder pin length (l):<br>1.5 mm, tinned, Black, Tape |               |            |                     | 330<br>mm);<br>Rs<br>=<br>10 <sup>9</sup><br>-<br>10 <sup>12</sup><br>Ω |
|               |                            | (Ø 330 mm); Rs = 10 <sup>9</sup> -<br>10 <sup>12</sup> Ω                                 |               |            |                     |   |

**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        | Order No.                  | Version  | GTIN (EAN)    | Qty.       | Product data      | Packaging |
|-------------|----------------------------|--|---------------|------------|-------------------|-----------|
| SL          | <a href="#">1603080000</a> | PCB plug-in connector, male                          | 4008190164997 | 100 pc(s). | IEC: 400 V / 17 A | Box       |
| 5.08/04/135 |                            | header, open side, THT                               |               |            | UL: 300 V / 15 A  |           |
| 3.2SN OR BX |                            | solder connection, 5.08<br>mm, No. of poles: 4, 135° |               |            |                   |           |

Creation date March 1, 2016 12:21:21 AM CET

**OMNIMATE Signal - series BL/SL 5.08  
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**Mating connector (fully pluggable)**

Solder pin length (l): 3.2  
mm, tinned, Orange, Box

**SL-SMT 5.08/180 Box**


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

**General ordering data**

| Type                                   | Order No.                  | Version   | GTIN (EAN)    | Qty.       | Product data                              | Packaging |
|--|----------------------------|---|---------------|------------|---|-----------|
| SL-SMT<br>5.08HC/04/180<br>3.2SN BK BX | <a href="#">1838000000</a> | PCB plug-in connector, male<br>header, open side, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>180°, Solder pin length (l):<br>3.2 mm, tinned, Black, Box | 4032248348060 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |
| SL-SMT<br>5.08HC/04/180<br>1.5SN BK BX | <a href="#">1775592001</a> | PCB plug-in connector, male<br>header, open side, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>180°, Solder pin length (l):<br>1.5 mm, tinned, Black, Box | 4032248157563 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |

**SL 5.00/90**


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                            | Order No.                  | Version  | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|---------------------------------|----------------------------|--|---------------|------------|---------------------------------------|-----------|
| SL<br>5.00/04/90<br>3.2SN OR BX | <a href="#">1571150000</a> | PCB plug-in connector, male<br>header, open side, THT<br>solder connection, 5.00<br>mm, No. of poles: 4, 90°,<br>Solder pin length (l): 3.2<br>mm, tinned, Orange, Box | 4008190107314 | 100 pc(s). | IEC: 400 V / 18 A<br>UL: 300 V / 15 A | Box       |
| SL<br>5.00/04/90<br>4.5SN BK BX | <a href="#">1626010000</a> | PCB plug-in connector, male<br>header, open side, THT<br>solder connection, 5.00   | 4008190197315 | 100 pc(s). | IEC: 400 V / 18 A<br>UL: 300 V / 15 A | Box       |

Creation date March 1, 2016 12:21:21 AM CET

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
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D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**Mating connector (fully pluggable)**

mm, No. of poles: 4, 90°,  
Solder pin length (l): 4.5  
mm, tinned, Black, Box

**SL-SMT 5.08/180G Tape**


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

**General ordering data**

| Type                                    | Order No.                  | Version  | GTIN (EAN)    | Qty.       | Product data                              | Packaging   |
|---|----------------------------|--|---------------|------------|---|---|
| SL-SMT<br>5.08HC/04/180G<br>1.5SN BK RL | <a href="#">1775944001</a> | PCB plug-in connector, male<br>header, closed side, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>180°, Solder pin length (l):<br>1.5 mm, tinned, Black, Tape<br>(Ø 330 mm); Rs = 10 <sup>9</sup> -<br>10 <sup>12</sup> Ω | 4032248160129 | 250 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Tape<br>(Ø<br>330<br>mm);<br>Rs<br>=<br>10 <sup>9</sup><br>-<br>10 <sup>12</sup><br>Ω |

**SLD 5.08/180G**


2-tier male header with parallel pin arrangement. 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                               | Order No.                  | Version   | GTIN (EAN)    | Qty.      | Product data                          | Packaging |
|------------------------------------|----------------------------|---|---------------|-----------|---------------------------------------|-----------|
| SLD<br>5.08/08/180G<br>3.2SN OR BX | <a href="#">1602410000</a> | PCB plug-in connector, male<br>header, closed side, THT<br>solder connection, 5.08<br>mm, No. of poles: 8, 180°,<br>Solder pin length (l): 3.2<br>mm, tinned, Orange, Box | 4008190000608 | 50 pc(s). | IEC: 400 V / 11 A<br>UL: 300 V / 10 A | Box       |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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Fon: +49 5231 14-0  
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www.weidmueller.com

**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                           | Order No.                  | Version  | GTIN (EAN)    | Qty.      | Product data  | Packaging |
|--------------------------------|----------------------------|--|---------------|-----------|---|-----------|
| SLS<br>5.08/04/180<br>SN OR BX | <a href="#">1627110000</a> | PCB plug-in connector,<br>male plug, 5.08 mm, No.<br>of poles: 4, 180°, Clamping<br>yoke connection, Clamping<br>range, rated connection,<br>max.: 3.31 mm², Box | 4008190199623 | 90 pc(s). | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm²<br>UL: 300 V / 14 A / AWG 26 - AWG 12 | Box       |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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www.weidmueller.com

**Mating connector (conditionally pluggable)**
**SL-SMT 5.08HC/90F 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          | Order No.                  | Version   | GTIN (EAN)    | Qty.       | Product data        | Packaging |
|---------------|----------------------------|---|---------------|------------|---------------------|-----------|
| SL-SMT        | <a href="#">1837650000</a> | PCB plug-in connector, male   | 4032248347469 | 100 pc(s). | IEC: 400 V / 27.5 A | Box       |
| 5.08HC/04/90F |                            | header, Flange, THT/THR   |               |            | UL: 300 V / 18.5 A  |           |
| 3.2SN BK BX   |                            | solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box |               |            |                     |           |

**SLS 5.08/180F**


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

**General ordering data**

| Type         | Order No.                  | Version   | GTIN (EAN)    | Qty.      | Product data                        | Packaging |
|--------------|----------------------------|---|---------------|-----------|-------------------------------------|-----------|
| SLS          | <a href="#">1846380000</a> | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm², Box | 4032248362080 | 60 pc(s). | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm² | Box       |
| 5.08/04/180F |                            |   |               |           | UL: 300 V / 14 A / AWG 26 - AWG 12  |           |
| SN OR BX     |                            |   |               |           |                                     |           |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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www.weidmueller.com

**Mating connector (conditionally pluggable)**
**SLDV-THR 5.08/180FLF**


High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

**General ordering data**

| Type                                      | Order No.                  | Version  | GTIN (EAN)    | Qty.      | Product data                          | Packaging |
|---|----------------------------|--|---------------|-----------|---------------------------------------|-----------|
| SLDV-THR<br>5.08/08/180FLF<br>3.2SN BK BX | <a href="#">1829030000</a> | PCB plug-in connector, male<br>header, Flange / Solder<br>flange, THT/THR solder<br>connection, 5.08 mm, No.<br>of poles: 8, 180°, Solder pin<br>length (l): 3.2 mm, tinned,<br>Black, Box | 4032248335725 | 50 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |
| SLDV-THR<br>5.08/08/180FLF<br>1.5SN BK BX | <a href="#">1829150000</a> | PCB plug-in connector, male<br>header, Flange / Solder<br>flange, THT/THR solder<br>connection, 5.08 mm, No.<br>of poles: 8, 180°, Solder pin<br>length (l): 1.5 mm, tinned,<br>Black, Box | 4032248335848 | 50 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |

**SLS 5.08/180FI**


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

**General ordering data**

| Type                             | Order No.                  | Version   | GTIN (EAN)    | Qty.      | Product data  | Packaging |
|----------------------------------|----------------------------|---|---------------|-----------|---|-----------|
| SLS<br>5.08/04/180FI<br>SN OR BX | <a href="#">1846230000</a> | PCB plug-in connector,<br>male plug, 5.08 mm, No.<br>of poles: 4, 180°, Clamping<br>yoke connection, Clamping<br>range, rated connection,<br>max.: 3.31 mm <sup>2</sup> , Box | 4032248362516 | 60 pc(s). | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 14 A / AWG 26 - AWG 12 | Box       |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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**Mating connector (conditionally pluggable)**
**SL-SMT 5.08/180LF 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                                     | Order No.                  | Version   | GTIN (EAN)    | Qty.       | Product data                              | Packaging |
|--|----------------------------|---|---------------|------------|---|-----------|
| SL-SMT<br>5.08HC/04/180LF<br>1.5SN BK BX | <a href="#">1776382001</a> | PCB plug-in connector, male<br>header, Solder flange, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>180°, Solder pin length (l):<br>1.5 mm, tinned, Black, Box | 4032248159161 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |
| SL-SMT<br>5.08HC/04/180LF<br>3.2SN BK BX | <a href="#">1838460000</a> | PCB plug-in connector, male<br>header, Solder flange, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>180°, Solder pin length (l):<br>3.2 mm, tinned, Black, Box | 4032248348527 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |

**SLZF 5.08/180FI**


Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

**General ordering data**

| Delivery status Available until                         | Type                           | Order No.                  | Version   | GTIN (EAN)    | Qty.          |
|---|--------------------------------|----------------------------|---|---------------|---------------|
| This article will no longer be available in the future. | SLZF 5.08/04/180FI SN<br>OR BX | <a href="#">1846530000</a> | PCB plug-in<br>connector, male<br>plug, 5.08 mm,<br>No. of poles: 4,<br>180°, Tension<br>clamp connection,<br>Clamping range,<br>rated connection,<br>max.: 3.31 mm <sup>2</sup> ,<br>Box | 4032248362837 | 100<br>pc(s). |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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**Mating connector (conditionally pluggable)**
**SL-SMT 5.08HC/90LF 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           | Order No.                  | Version                            | GTIN (EAN)    | Qty.       | Product data        | Packaging        |
|----------------|----------------------------|------------------------------------|---------------|------------|---------------------|------------------|
| SL-SMT         | <a href="#">1775254001</a> | PCB plug-in connector, male        | 4032248167807 | 350 pc(s). | IEC: 400 V / 27.5 A | Tape             |
| 5.08HC/04/90LF |                            | header, Solder flange, THT/        |               |            | UL: 300 V / 18.5 A  | (Ø               |
| 1.5SN BK RL    |                            | THR solder connection,             |               |            |                     | 330              |
|                |                            | 5.08 mm, No. of poles: 4,          |               |            |                     | mm);             |
|                |                            | 90°, Solder pin length (l):        |               |            |                     | Rs               |
|                |                            | 1.5 mm, tinned, Black, Tape        |               |            |                     | =                |
|                |                            | (Ø 330 mm); Rs = 10 <sup>9</sup> - |               |            |                     | 10 <sup>9</sup>  |
|                |                            | 10 <sup>12</sup> Ω                 |               |            |                     | -                |
|                |                            |                                    |               |            |                     | 10 <sup>12</sup> |
|                |                            |                                    |               |            |                     | Ω                |

**SL-SMT 5.00HC/90LF 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                              | Order No.                  | Version                     | GTIN (EAN)    | Qty.       | Product data        | Packaging |
|-----------------------------------|----------------------------|-----------------------------|---------------|------------|---------------------|-----------|
| SL-SMT                            | <a href="#">1840370000</a> | PCB plug-in connector, male | 4032248351213 | 100 pc(s). | IEC: 400 V / 27.5 A | Box       |
| 5.00HC/04/90LF                    |                            | header, Solder flange, THT/ |               |            | UL: 300 V / 18.5 A  |           |
| 3.2SN BK BX                       |                            | THR solder connection,      |               |            |                     |           |
|                                   |                            | 5.00 mm, No. of poles: 4,   |               |            |                     |           |
|                                   |                            | 90°, Solder pin length (l): |               |            |                     |           |
|                                   |                            | 3.2 mm, tinned, Black, Box  |               |            |                     |           |
| 2014-05-20T06:50:00               | <a href="#">1797250000</a> | PCB plug-in                 | 4032248238033 | 100 pc(s). | IEC:                |           |
| SL-SMT 5.00HC/04/90LF 1.5SN BK BX |                            | connector, male             |               |            | 400                 |           |
|                                   |                            | header, Solder              |               |            | V /                 |           |
|                                   |                            | flange, THT/THR             |               |            | 27.5                |           |
|                                   |                            | solder connection,          |               |            | A                   |           |
|                                   |                            | 5.00 mm, No.                |               |            | UL:                 |           |
|                                   |                            | of poles: 4, 90°,           |               |            | 300                 |           |
|                                   |                            | Solder pin length           |               |            | V /                 |           |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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**Mating connector (conditionally pluggable)**

(l): 1.5 mm, 18.5  
tinned, Black, Box A

**SL-SMT 5.08/180F 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                                    | Order No.                  | Version   | GTIN (EAN)    | Qty.       | Product data                              | Packaging |
|---|----------------------------|---|---------------|------------|---|-----------|
| SL-SMT<br>5.08HC/04/180F<br>3.2SN BK BX | <a href="#">1837870000</a> | PCB plug-in connector, male<br>header, Flange, THT/THR<br>solder connection, 5.08<br>mm, No. of poles: 4, 180°,<br>Solder pin length (l): 3.2<br>mm, tinned, Black, Box | 4032248347681 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |
| SL-SMT<br>5.08HC/04/180F<br>1.5SN BK BX | <a href="#">1830100000</a> | PCB plug-in connector, male<br>header, Flange, THT/THR<br>solder connection, 5.08<br>mm, No. of poles: 4, 180°,<br>Solder pin length (l): 1.5<br>mm, tinned, Black, Box | 4032248336210 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |

**SL-SMT 5.08/180LF 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                                     | Order No.                  | Version  | GTIN (EAN)    | Qty.       | Product data                              | Packaging  |
|--|----------------------------|--|---------------|------------|---|--|
| SL-SMT<br>5.08HC/04/180LF<br>1.5SN BK RL | <a href="#">1776384001</a> | PCB plug-in connector, male<br>header, Solder flange, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>180°, Solder pin length (l):<br>1.5 mm, tinned, Black, Tape<br>(Ø 330 mm); Rs = 10 <sup>9</sup> -<br>10 <sup>12</sup> Ω | 4032248163502 | 250 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Tape<br>(Ø<br>330<br>mm);<br>Rs<br>=<br>10 <sup>9</sup><br>- |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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**Mating connector (conditionally pluggable)**

10<sup>12</sup>  
Ω

**SLZF 5.08/180F**



Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

**General ordering data**

| Delivery status Available until                         | Type                       | Order No.                  | Version  | GTIN (EAN)    | Qty.       |
|---|----------------------------|----------------------------|--|---------------|------------|
| This article will no longer be available in the future. | SLZF 5.08/04/180F SN OR BX | <a href="#">1846950000</a> | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box | 4032248363124 | 100 pc(s). |

**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**

| Delivery status Available until                         | Type                        | Order No.                  | Version  | GTIN (EAN)    | Qty.       |
|---|-----------------------------|----------------------------|--|---------------|------------|
| This article will no longer be available in the future. | SL 5.08/04/180B 3.2SN OR BX | <a href="#">1519760000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT solder connection, 5.08 mm, No. of poles: 4, Solder pin length (l): 3.2 mm, | 4008190098483 | 100 pc(s). |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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**Mating connector (conditionally pluggable)**

tinned, Orange,  
Box

**SL-SMT 5.08HC/90LF 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                                    | Order No.                  | Version  | GTIN (EAN)    | Qty.       | Product data                              | Packaging |
|---|----------------------------|--|---------------|------------|---|-----------|
| SL-SMT<br>5.08HC/04/90LF<br>3.2SN BK BX | <a href="#">1780430000</a> | PCB plug-in connector, male<br>header, Solder flange, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>90°, Solder pin length (l):<br>3.2 mm, tinned, Black, Box | 4032248165759 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |
| SL-SMT<br>5.08HC/04/90LF<br>1.5SN BK BX | <a href="#">1775252001</a> | PCB plug-in connector, male<br>header, Solder flange, THT/<br>THR solder connection,<br>5.08 mm, No. of poles: 4,<br>90°, Solder pin length (l):<br>1.5 mm, tinned, Black, Box | 4032248157235 | 100 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Box       |

**SLZF 5.08/270B**


Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

**General ordering data**

| Delivery status Available until                         | Type                          | Order No.                  | Version  | GTIN (EAN)    | Qty.          |
|---|-------------------------------|----------------------------|--|---------------|---------------|
| This article will no longer be available in the future. | SLZF 5.08/04/270B SN<br>OR BX | <a href="#">1706160000</a> | PCB plug-in<br>connector, male<br>plug, 5.08 mm,<br>No. of poles: 4,<br>270°, Tension<br>clamp connection,<br>Clamping range,<br>rated connection, | 4032248119721 | 100<br>pc(s). |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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Fax: +49 5231 14-292083  
www.weidmueller.com

**Mating connector (conditionally pluggable)**

max.: 3.31 mm<sup>2</sup>,  
Box

**SLS 5.08TB KF35**


Male plugs with clamping-yoke screw wire-connect system. With clip-on feet for attaching the male plugs on rail. The male plugs provide space for labelling and can be coded.

**General ordering data**

| Type                                | Order No.                  | Version   | GTIN (EAN)    | Qty.      | Product data  | Packaging |
|-------------------------------------|----------------------------|---|---------------|-----------|---|-----------|
| SLS<br>5.08/04/180TB<br>KF SN OR BX | <a href="#">1846130000</a> | PCB plug-in connector,<br>male plug, 5.08 mm, No.<br>of poles: 4, 180°, Clamping<br>yoke connection, Clamping<br>range, rated connection,<br>max.: 3.31 mm <sup>2</sup> , Box | 4032248362417 | 20 pc(s). | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 14 A / AWG 26 - AWG 12 | Box       |

**SLDV-THR 5.08/180F**


High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

**General ordering data**

| Type                                    | Order No.                  | Version   | GTIN (EAN)    | Qty.      | Product data                          | Packaging |
|---|----------------------------|---|---------------|-----------|---------------------------------------|-----------|
| SLDV-THR<br>5.08/08/180F<br>1.5SN BK BX | <a href="#">1828910000</a> | PCB plug-in connector, male<br>header, Flange, THT/THR<br>solder connection, 5.08<br>mm, No. of poles: 8, 180°,<br>Solder pin length (l): 1.5<br>mm, tinned, Black, Box | 4032248335602 | 50 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |
| SLDV-THR<br>5.08/08/180F<br>3.2SN BK BX | <a href="#">1828790000</a> | PCB plug-in connector, male<br>header, Flange, THT/THR<br>solder connection, 5.08<br>mm, No. of poles: 8, 180°,<br>Solder pin length (l): 3.2<br>mm, tinned, Black, Box | 4032248335473 | 50 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

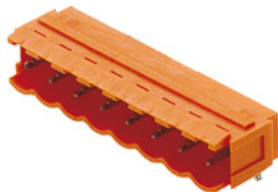
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**Mating connector (conditionally pluggable)**
**SLS 5.08TB RF15**


Male plugs with clamping-yoke screw wire-connect system. With clip-on feet for attaching the male plugs on rail. The male plugs provide space for labelling and can be coded.

**General ordering data**

| Type                                     | Order No.                  | Version  | GTIN (EAN)    | Qty.      | Product data  | Packaging |
|--|----------------------------|--|---------------|-----------|---|-----------|
| SLS<br>5.08/04/180TB<br>RF15 SN OR<br>BX | <a href="#">1846050000</a> | PCB plug-in connector,<br>male plug, 5.08 mm, No.<br>of poles: 4, 180°, Clamping<br>yoke connection, Clamping<br>range, rated connection,<br>max.: 3.31 mm², Box | 4032248362332 | 20 pc(s). | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm²<br>UL: 300 V / 14 A / AWG 26 - AWG 12 | Box       |

**SL 5.00/90B**


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                             | Order No.                  | Version   | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------------|----------------------------|---|---------------|------------|---------------------------------------|-----------|
| SL<br>5.00/04/90B<br>3.2SN OR BX | <a href="#">1580880000</a> | PCB plug-in connector,<br>male header, Dovetails for<br>fixing blocks, THT solder<br>connection, 5.00 mm, No.<br>of poles: 4, 90°, Solder pin<br>length (l): 3.2 mm, tinned,<br>Orange, Box | 4008190044060 | 100 pc(s). | IEC: 400 V / 18 A<br>UL: 300 V / 15 A | Box       |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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**Mating connector (conditionally pluggable)**

**SLZF 5.08/180B**

Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.



**General ordering data**

| Delivery status Available until                         | Type                       | Order No.                  | Version  | GTIN (EAN)    | Qty.       |
|---|----------------------------|----------------------------|--|---------------|------------|
| This article will no longer be available in the future. | SLZF 5.08/04/180B SN OR BX | <a href="#">1710230000</a> | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box | 4008190319540 | 100 pc(s). |

**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                        | Order No.                  | Version  | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|-----------------------------|----------------------------|--|---------------|------------|---------------------------------------|-----------|
| SL 5.08/04/135B 3.2SN OR BX | <a href="#">1605550000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT solder connection, 5.08 mm, No. of poles: 4, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190051693 | 100 pc(s). | IEC: 400 V / 17 A<br>UL: 300 V / 15 A | Box       |

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**Mating connector (conditionally pluggable)**

**SLZF 5.08/90B**



Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

**General ordering data**

| Delivery status   | Available until           | Type                      | Order No.                  | Version   | GTIN (EAN)    | Qty.       |
|---|---------------------------|---------------------------|----------------------------|---|---------------|------------|
| This article will no longer be available in the future. | 2017-12-31T00:00:00+01:00 | SLZF 5.08/04/90B SN OR BX | <a href="#">1673570000</a> | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 4, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box | 4008190435288 | 100 pc(s). |

**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                      | Order No.                  | Version   | GTIN (EAN)    | Qty.       | Product data  | Packaging |
|---------------------------|----------------------------|---|---------------|------------|---|-----------|
| SLT 5.08/04/180B SN OR BX | <a href="#">1611730000</a> | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 4, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box | 4008190192617 | 100 pc(s). | IEC: 400 V / 16 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 15 A / AWG 26 - AWG 14 | Box       |

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**Mating connector (conditionally 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**

| Delivery status Available until                         | Type                       | Order No.                  | Version  | GTIN (EAN)    | Qty.       |
|---|----------------------------|----------------------------|--|---------------|------------|
| This article will no longer be available in the future. | SL 5.08/04/90B 3.2SN OR BX | <a href="#">1510560000</a> | PCB plug-in connector, male header, Dovetails for fixing blocks, THT solder connection, 5.08 mm, No. of poles: 4, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190046842 | 100 pc(s). |

**SL-SMT 5.00HC/90LF 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                              | Order No.                  | Version   | GTIN (EAN)    | Qty.       | Product data                              | Packaging  |
|-----------------------------------|----------------------------|---|---------------|------------|---|--|
| SL-SMT 5.00HC/04/90LF 1.5SN BK RL | <a href="#">1797770000</a> | PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape (Ø 330 mm); Rs = 10 <sup>9</sup> - 10 <sup>12</sup> Ω | 4032248239771 | 350 pc(s). | IEC: 400 V / 27.5 A<br>UL: 300 V / 18.5 A | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> - 10 <sup>12</sup> Ω |

**OMNIMATE Signal - series BL/SL 5.08  
BL 5.08/04/180 SN OR BX**

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**Mating connector (conditionally pluggable)**
**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                            | Order No.                  | Version   | GTIN (EAN)    | Qty.      | Product data  | Packaging |
|---------------------------------|----------------------------|---|---------------|-----------|---|-----------|
| SLS<br>5.08/04/180B<br>SN BK BX | <a href="#">1645250000</a> | PCB plug-in connector,<br>male plug, 5.08 mm, No.<br>of poles: 4, 180°, Clamping<br>yoke connection, Clamping<br>range, rated connection,<br>max.: 3.31 mm <sup>2</sup> , Box | 4008190284466 | 84 pc(s). | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 14 A / AWG 26 - AWG 12 | Box       |
| SLS<br>5.08/04/180B<br>SN OR BX | <a href="#">1627260000</a> | PCB plug-in connector,<br>male plug, 5.08 mm, No.<br>of poles: 4, 180°, Clamping<br>yoke connection, Clamping<br>range, rated connection,<br>max.: 3.31 mm <sup>2</sup> , Box | 4008190199777 | 84 pc(s). | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 14 A / AWG 26 - AWG 12 | Box       |

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