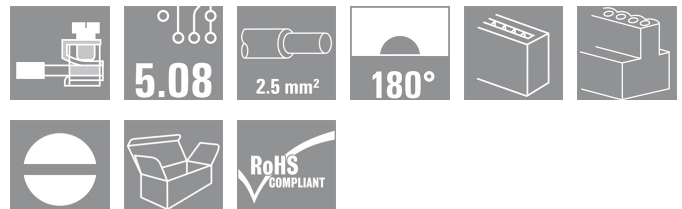
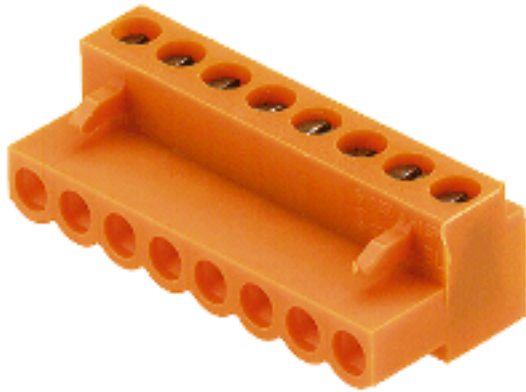


**OMNIMATE Signal - series BL/SL 5.08**  
**BL 5.08/02/180 SN OR BX**

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



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

- 0.2 - 1.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

**General ordering data**

|              |                                                                                                                                                                            |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Order No.    | <a href="#">1716320000</a>                                                                                                                                                 |
| Type         | BL 5.08/02/180 SN OR BX                                                                                                                                                    |
| Version      | PCB plug-in connector, female plug, 5.08 mm,<br>No. of poles: 2, 180°, Pressure clamp connection,<br>Clamping range, rated connection, max.: 2.08<br>mm <sup>2</sup> , Box |
| GTIN (EAN)   | 4008190376345                                                                                                                                                              |
| Qty.         | 100 pc(s).                                                                                                                                                                 |
| Product data | IEC: 400 V / 14 A / 0.2 - 1.5 mm <sup>2</sup><br>UL: 300 V / 10 A / AWG 26 - AWG 14                                                                                        |
| Packaging    | Box                                                                                                                                                                        |

Creation date April 11, 2013 12:49:33 PM CEST

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

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## Technical data

### Dimensions and weights

Net weight 2.72 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                               | 2                         |
| Number of rows             | 1                                   | 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                                   | 5.08 mm                   |
| L1 in inches               | 0.2 inch                            | Touch-safe protection acc. to DIN VDE 0470 | IP 00                     |

### 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   | Continuous operating temp., min. | -25 °C |
| Continuous operating temp., max. | 100 °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      |                                                 |                      |

### DIN IEC rating data

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

## OMNIMATE Signal - series BL/SL 5.08

### BL 5.08/02/180 SN OR BX

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## Technical data

### CSA rating data

Institute (CSA)



Rated voltage (Use group B)

300 V

Rated current (use group B) 10 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 14

### UL 1059 rating data

Institute (UR)



Rated voltage (use group B)

300 V

Rated current (use group B) 10 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 14

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC001284    | UNSPSC     | 30-21-18-10 |
| eClass 4.1 | 27-26-07-01 | eClass 5.1 | 27-26-07-04 |
| eClass 6.2 | 27-26-07-04 | eClass 7.1 | 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.

### Approvals

Approvals



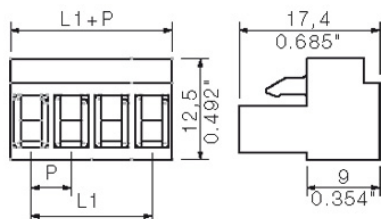
ROHS

Conform

**OMNIMATE Signal - series BL/SL 5.08**  
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**Drawings**



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

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### Mating connector (conditionally pluggable)

#### SLS 5.08/180FI



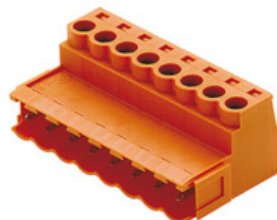
Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                       | Version                                                                                                                                                                       | GTIN (EAN)    | Qty.       | Product data                                                                          | Packaging |
|----------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------------------------------------------------------|-----------|
| <a href="#">1846210000</a> | SLS 5.08/02/180FI SN OR BX | PCB plug-in connector,<br>male plug, 5.08 mm, No.<br>of poles: 2, 180°, Clamping<br>yoke connection, Clamping<br>range, rated connection,<br>max.: 3.31 mm <sup>2</sup> , Box | 4032248362493 | 100 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 5.08/180B



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                      | Version                                                                                                                                                                       | GTIN (EAN)    | Qty.       | Product data                                                                          | Packaging |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------------------------------------------------------|-----------|
| <a href="#">1627240000</a> | SLS 5.08/02/180B SN OR BX | PCB plug-in connector,<br>male plug, 5.08 mm, No.<br>of poles: 2, 180°, Clamping<br>yoke connection, Clamping<br>range, rated connection,<br>max.: 3.31 mm <sup>2</sup> , Box | 4008190199753 | 100 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 5.08/02/180 SN OR BX

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### Mating connector (conditionally pluggable)

#### SLZF 5.08/180F



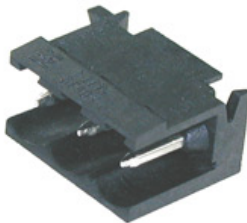
Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                       | Version                                                                                                                                                                          | GTIN (EAN)    | Qty.       | Product data                                                                        | Packaging |
|----------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-------------------------------------------------------------------------------------|-----------|
| <a href="#">1846930000</a> | SLZF 5.08/02/180F SN OR BX | PCB plug-in connector,<br>male plug, 5.08 mm,<br>No. of poles: 2, 180°,<br>Tension clamp connection,<br>Clamping range, rated<br>connection, max.: 3.31<br>mm <sup>2</sup> , Box | 4032248363100 | 100 pc(s). | IEC: 400 V / 23 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 15 A / AWG 26 - AWG 12 | Box       |

#### SL-SMarT 5.0x/90 Tape



High-temperature resistant male header for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                            | Version                                                                                                                                                                   | GTIN (EAN)    | Qty.       | Product data                            | Packaging |
|----------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-----------------------------------------|-----------|
| <a href="#">1812430000</a> | SL-SMART 5.0X/02/90 1.5SN BK RL | PCB plug-in connector, male<br>header, open side, Reflow<br>solder connection, 5.00<br>mm, No. of poles: 2, 90°,<br>Solder pin length (l): 1.5<br>mm, tinned, Black, Tape | 4032248294015 | 350 pc(s). | IEC: 400 V / 16.5 A<br>UL: 300 V / 15 A | Tape      |

## OMNIMATE Signal - series BL/SL 5.08

### BL 5.08/02/180 SN OR BX

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

## Mating connector (conditionally pluggable)

### SLZF 5.08/180FI



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Type                        | Version                                                                                                                                                        | GTIN (EAN)    | Qty.       | Product data                                                                        | Packaging |
|----------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-------------------------------------------------------------------------------------|-----------|
| <a href="#">1846510000</a> | SLZF 5.08/02/180FI SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box | 4032248362813 | 100 pc(s). | IEC: 400 V / 23 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 15 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.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

### General ordering data

| Order No.                  | Type                              | Version                                                                                                                                                 | GTIN (EAN)    | Qty.      | Product data                          | Packaging |
|----------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------------------------------------|-----------|
| <a href="#">1828890000</a> | SLDV-THR 5.08/04/180F 1.5SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248335589 | 50 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |
| <a href="#">1828770000</a> | SLDV-THR 5.08/04/180F 3.2SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248335442 | 50 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |

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

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### Mating connector (conditionally pluggable)

#### SL-SMT 5.00/90LF Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                            | Version                                                                                                                                                                      | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1840350000</a> | SL-SMT 5.00/02/90LF 3.2SN BK BX | PCB plug-in connector,<br>male header, Solder flange,<br>Reflow solder connection,<br>5.00 mm, No. of poles: 2,<br>90°, Solder pin length (l):<br>3.2 mm, tinned, Black, Box | 4032248351091 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |
| <a href="#">1797230000</a> | SL-SMT 5.00/02/90LF 1.5SN BK BX | PCB plug-in connector,<br>male header, Solder flange,<br>Reflow solder connection,<br>5.00 mm, No. of poles: 2,<br>90°, Solder pin length (l):<br>1.5 mm, tinned, Black, Box | 4032248238019 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |

#### SL-SMT 5.00/90LF Tape



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                            | Version                                                                                                                                                                       | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1797750000</a> | SL-SMT 5.00/02/90LF 1.5SN BK RL | PCB plug-in connector,<br>male header, Solder flange,<br>Reflow solder connection,<br>5.00 mm, No. of poles: 2,<br>90°, Solder pin length (l):<br>1.5 mm, tinned, Black, Tape | 4032248239757 | 350 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Tape      |



## OMNIMATE Signal - series BL/SL 5.08

### BL 5.08/02/180 SN OR BX

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## Mating connector (conditionally pluggable)

### SLZF 5.08/270B



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Type                       | Version                                                                                                                                                                          | GTIN (EAN)    | Qty.       | Product data                                                                          | Packaging |
|----------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------------------------------------------------------|-----------|
| <a href="#">1706140000</a> | SLZF 5.08/02/270B SN OR BX | PCB plug-in connector,<br>male plug, 5.08 mm,<br>No. of poles: 2, 270°,<br>Tension clamp connection,<br>Clamping range, rated<br>connection, max.: 3.31<br>mm <sup>2</sup> , Box | 4032248113996 | 100 pc(s). | IEC: 400 V / 20.5 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 15 A / AWG 26 - AWG 12 | Box       |

### SL-SMT 5.08/180LF Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Type                             | Version                                                                                                                                                                       | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1776362001</a> | SL-SMT 5.08/02/180LF 1.5SN BK BX | PCB plug-in connector,<br>male header, Solder flange,<br>Reflow solder connection,<br>5.08 mm, No. of poles: 2,<br>180°, Solder pin length (l):<br>1.5 mm, tinned, Black, Box | 4032248159147 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |
| <a href="#">1838440000</a> | SL-SMT 5.08/02/180LF 3.2SN BK BX | PCB plug-in connector,<br>male header, Solder flange,<br>Reflow solder connection,<br>5.08 mm, No. of poles: 2,<br>180°, Solder pin length (l):<br>3.2 mm, tinned, Black, Box | 4032248348503 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |

## OMNIMATE Signal - series BL/SL 5.08

### BL 5.08/02/180 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.

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Type                       | Version                                                                                                                                                                          | GTIN (EAN)    | Qty.       | Product data                                                                        | Packaging |
|----------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-------------------------------------------------------------------------------------|-----------|
| <a href="#">1710210000</a> | SLZF 5.08/02/180B SN OR BX | PCB plug-in connector,<br>male plug, 5.08 mm,<br>No. of poles: 2, 180°,<br>Tension clamp connection,<br>Clamping range, rated<br>connection, max.: 3.31<br>mm <sup>2</sup> , Box | 4008190319526 | 100 pc(s). | IEC: 400 V / 23 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 15 A / AWG 26 - AWG 12 | Box       |

### SLT 5.08B



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16 A (IEC) / 10 A (UL)

### General ordering data

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

## OMNIMATE Signal - series BL/SL 5.08

### BL 5.08/02/180 SN OR BX

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## 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.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

#### General ordering data

| Order No.                  | Type                                | Version                                                                                                                                                                 | GTIN (EAN)    | Qty.      | Product data                          | Packaging |
|----------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------------------------------------|-----------|
| <a href="#">1829010000</a> | SLDV-THR 5.08/04/180FLF 3.2SN BK BX | PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248335701 | 50 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |
| <a href="#">1829130000</a> | SLDV-THR 5.08/04/180FLF 1.5SN BK BX | PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248335824 | 50 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |

### SL 5.08/135B



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

- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

#### General ordering data

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

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

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### Mating connector (conditionally pluggable)

#### SL-SMT 5.08/90LF Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                            | Version                                                                                                                                                       | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1775232001</a> | SL-SMT 5.08/02/90LF 1.5SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248157211 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |
| <a href="#">1780410000</a> | SL-SMT 5.08/02/90LF 3.2SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248165735 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |

#### SL 5.08/90B



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

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

#### General ordering data

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

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

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### Mating connector (conditionally pluggable)

#### SL-SMT 5.08/180LF Tape



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                              | Version                                                                                                                                                                        | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1776364001</a> | SL-SMT 5.08/02/180LF 1.5 SN BK RL | PCB plug-in connector,<br>male header, Solder flange,<br>Reflow solder connection,<br>5.08 mm, No. of poles: 2,<br>180°, Solder pin length (l):<br>1.5 mm, tinned, Black, Tape | 4032248163472 | 250 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Tape      |

#### SL-SMT 5.08/90LF Tape



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                             | Version                                                                                                                                                                       | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1775234001</a> | SL-SMT 5.08/02/90LF 1.5 SN BK RL | PCB plug-in connector,<br>male header, Solder flange,<br>Reflow solder connection,<br>5.08 mm, No. of poles: 2,<br>90°, Solder pin length (l):<br>1.5 mm, tinned, Black, Tape | 4032248167784 | 350 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Tape      |

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

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### Mating connector (conditionally pluggable)

#### SL-SMT 5.08/180F Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                            | Version                                                                                                                                                 | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1837320000</a> | SL-SMT 5.08/02/180F 1.5SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248345915 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |
| <a href="#">1837860000</a> | SL-SMT 5.08/02/180F 3.2SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248347674 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | 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.

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                      | Version                                                                                                                                                        | GTIN (EAN)    | Qty.       | Product data                                                                          | Packaging |
|----------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------------------------------------------------------|-----------|
| <a href="#">1846360000</a> | SLS 5.08/02/180F SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box | 4032248362066 | 100 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 5.08/02/180 SN OR BX

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### Mating connector (conditionally pluggable)

#### SL-SMarT 5.0x/180 Tape



High-temperature resistant male header for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                             | Version                                                                                                                                                     | GTIN (EAN)    | Qty.       | Product data                            | Packaging |
|----------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-----------------------------------------|-----------|
| <a href="#">1812450000</a> | SL-SMART 5.0X/02/180 1.5SN BK RL | PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248294039 | 270 pc(s). | IEC: 400 V / 16.5 A<br>UL: 300 V / 15 A | Tape      |

#### 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.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

#### General ordering data

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

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

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### Mating connector (conditionally pluggable)

#### SL-SMT 5.08/90F Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                           | Version                                                                                                                                                | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1837630000</a> | SL-SMT 5.08/02/90F 3.2SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248347445 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |

#### SLZF 5.08/90B



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                      | Version                                                                                                                                                       | GTIN (EAN)    | Qty.       | Product data                                                                          | Packaging |
|----------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------------------------------------------------------|-----------|
| <a href="#">1673550000</a> | SLZF 5.08/02/90B SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box | 4008190435264 | 100 pc(s). | IEC: 400 V / 20.5 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 15 A / AWG 26 - AWG 12 | Box       |



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

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**Mating connector (conditionally pluggable)**
**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.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

**General ordering data**

| Order No.                  | Type                       | Version                                                                                                                                                               | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1580860000</a> | SL 5.00/02/90B 3.2SN OR BX | PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190054489 | 100 pc(s). | IEC: 400 V / 18 A<br>UL: 300 V / 15 A | Box       |

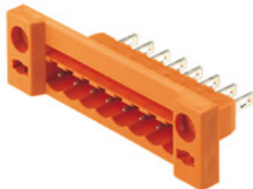
## OMNIMATE Signal - series BL/SL 5.08

### BL 5.08/02/180 SN OR BX

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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.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

### General ordering data

| Order No.                  | Type                     | Version                                                                       | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|--------------------------|-------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1599130000</a> | SLDF 5.08 L/F 2 SN OR BX | PCB plug-in connector, male<br>header, 5.08 mm, No. of<br>poles: 2, 180°, Box | 4008190175931 | 100 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |
| <a href="#">1635740000</a> | SLDF 5.08 L/F 2 SN BK BX | PCB plug-in connector, male<br>header, 5.08 mm, No. of<br>poles: 2, 180°, Box | 4008190264161 | 100 pc(s). | IEC: 400 V / 15 A<br>UL: 300 V / 10 A | Box       |

### SL-SMT 5.08/180 Box



High-temperature-resistant, straight, open ended male header. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

### General ordering data

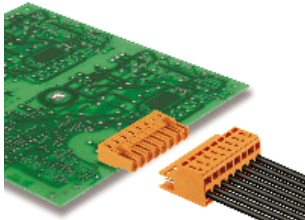
| Order No.                  | Type                           | Version                                                                                                                                                                   | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1775522001</a> | SL-SMT 5.08/02/180 1.5SN BK BX | PCB plug-in connector, male<br>header, open side, Reflow<br>solder connection, 5.08<br>mm, No. of poles: 2, 180°,<br>Solder pin length (l): 1.5<br>mm, tinned, Black, Box | 4032248157549 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |
| <a href="#">1837980000</a> | SL-SMT 5.08/02/180 3.2SN BK BX | PCB plug-in connector, male<br>header, open side, Reflow<br>solder connection, 5.08<br>mm, No. of poles: 2, 180°,<br>Solder pin length (l): 3.2<br>mm, tinned, Black, Box | 4032248348046 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |

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

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### Mating connector (fully pluggable)

#### SLZF 5.08/180



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

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                      | Version                                                                                                                                                        | GTIN (EAN)    | Qty.       | Product data                                                                        | Packaging |
|----------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-------------------------------------------------------------------------------------|-----------|
| <a href="#">1709600000</a> | SLZF 5.08/02/180 SN BK BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box | 4008190318901 | 100 pc(s). | IEC: 400 V / 23 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 15 A / AWG 26 - AWG 12 | Box       |
| <a href="#">1709370000</a> | SLZF 5.08/02/180 SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box | 4008190390150 | 100 pc(s). | IEC: 400 V / 23 A / 0.2 - 2.5 mm <sup>2</sup><br>UL: 300 V / 15 A / AWG 26 - AWG 12 | 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.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                      | Version                                                                                                                                            | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1625990000</a> | SL 5.00/02/90 4.5SN BK BX | PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box | 4008190197292 | 100 pc(s). | IEC: 400 V / 18 A<br>UL: 300 V / 15 A | Box       |
| <a href="#">1571130000</a> | SL 5.00/02/90 3.2SN OR BX | PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin                                        | 4008190156121 | 100 pc(s). | IEC: 400 V / 18 A<br>UL: 300 V / 15 A | Box       |

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

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### Mating connector (fully pluggable)

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

#### SL 5.08/90



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

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

#### General ordering data

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

#### SL-SMT 5.08/90G Tape



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                            | Version                                                                                                                                                                     | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1821140000</a> | SL-SMT 5.08/02/90G 1.5 SN BK RL | PCB plug-in connector, male<br>header, closed side, Reflow<br>solder connection, 5.08<br>mm, No. of poles: 2, 90°,<br>Solder pin length (l): 1.5<br>mm, tinned, Black, Tape | 4032248319787 | 350 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Tape      |

## OMNIMATE Signal - series BL/SL 5.08

### BL 5.08/02/180 SN OR BX

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## Mating connector (fully pluggable)

### 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.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Type                       | Version                                                                                                                                                             | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1517260000</a> | SL 5.08/02/180 3.2SN OR BX | PCB plug-in connector, male<br>header, open side, Solder<br>connection, 5.08 mm, No.<br>of poles: 2, 180°, Solder pin<br>length (l): 3.2 mm, tinned,<br>Orange, Box | 4008190034795 | 100 pc(s). | IEC: 400 V / 18 A<br>UL: 300 V / 15 A | Box       |

### SL-SMT 5.08/180 Tape



High-temperature-resistant, straight, open ended male header. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Type                            | Version                                                                                                                                                                    | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1821100000</a> | SL-SMT 5.08/02/180 1.5 SN BK RL | PCB plug-in connector, male<br>header, open side, Reflow<br>solder connection, 5.08<br>mm, No. of poles: 2, 180°,<br>Solder pin length (l): 1.5<br>mm, tinned, Black, Tape | 4032248319749 | 250 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Tape      |

## OMNIMATE Signal - series BL/SL 5.08

### BL 5.08/02/180 SN 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.

- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Type                       | Version                                                                                                                                                             | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1603060000</a> | SL 5.08/02/135 3.2SN OR BX | PCB plug-in connector, male<br>header, open side, Solder<br>connection, 5.08 mm, No.<br>of poles: 2, 135°, Solder pin<br>length (l): 3.2 mm, tinned,<br>Orange, Box | 4008190095512 | 100 pc(s). | IEC: 400 V / 17 A<br>UL: 300 V / 15 A | Box       |

### SL-SMT 5.08/90 Box



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

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Type                          | Version                                                                                                                                                                  | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1774762001</a> | SL-SMT 5.08/02/90 1.5SN BK BX | PCB plug-in connector, male<br>header, open side, Reflow<br>solder connection, 5.08<br>mm, No. of poles: 2, 90°,<br>Solder pin length (l): 1.5<br>mm, tinned, Black, Box | 4032248155699 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |
| <a href="#">1779950000</a> | SL-SMT 5.08/02/90 3.2SN BK BX | PCB plug-in connector, male<br>header, open side, Reflow<br>solder connection, 5.08<br>mm, No. of poles: 2, 90°,<br>Solder pin length (l): 3.2<br>mm, tinned, Black, Box | 4032248165278 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |

## OMNIMATE Signal - series BL/SL 5.08

### BL 5.08/02/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

## Mating connector (fully pluggable)

### 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.

- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

#### General ordering data

| Order No.                  | Type                         | Version                                                                                                                                                               | GTIN (EAN)    | Qty.      | Product data                          | Packaging |
|----------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------------------------------------|-----------|
| <a href="#">1602390000</a> | SLD 5.08/04/180G 3.2SN OR BX | PCB plug-in connector, male<br>header, closed side, Solder<br>connection, 5.08 mm, No.<br>of poles: 4, 180°, Solder pin<br>length (l): 3.2 mm, tinned,<br>Orange, Box | 4008190180539 | 50 pc(s). | IEC: 400 V / 11 A<br>UL: 300 V / 10 A | Box       |

### SL-SMT 5.08/180G Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                            | Version                                                                                                                                                                     | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1775922001</a> | SL-SMT 5.08/02/180G 1.5SN BK BX | PCB plug-in connector, male<br>header, closed side, Reflow<br>solder connection, 5.08<br>mm, No. of poles: 2, 180°,<br>Solder pin length (l): 1.5<br>mm, tinned, Black, Box | 4032248158911 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |
| <a href="#">1838210000</a> | SL-SMT 5.08/02/180G 3.2SN BK BX | PCB plug-in connector, male<br>header, closed side, Reflow<br>solder connection, 5.08<br>mm, No. of poles: 2, 180°,<br>Solder pin length (l): 3.2<br>mm, tinned, Black, Box | 4032248348275 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |

## OMNIMATE Signal - series BL/SL 5.08

### BL 5.08/02/180 SN OR BX

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## Mating connector (fully pluggable)

### SL-SMT 5.08/180G Tape



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Type                             | Version                                                                                                                                                       | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1820170000</a> | SL-SMT 5.08/02/180G 1.5 SN BK RL | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248315680 | 250 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Tape      |

### 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.

- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

### General ordering data

| Order No.                  | Type                        | Version                                                                                                                                               | GTIN (EAN)    | Qty.      | Product data                          | Packaging |
|----------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------------------------------------|-----------|
| <a href="#">1601790000</a> | SLD 5.08/04/90G 3.2SN OR BX | PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190055752 | 50 pc(s). | IEC: 400 V / 11 A<br>UL: 300 V / 10 A | Box       |



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

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### Mating connector (fully pluggable)

#### SL-SMT 5.08/90G Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                           | Version                                                                                                                                                                    | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1780180000</a> | SL-SMT 5.08/02/90G 3.2SN BK BX | PCB plug-in connector, male<br>header, closed side, Reflow<br>solder connection, 5.08<br>mm, No. of poles: 2, 90°,<br>Solder pin length (l): 3.2<br>mm, tinned, Black, Box | 4032248165506 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |
| <a href="#">1775002001</a> | SL-SMT 5.08/02/90G 1.5SN BK BX | PCB plug-in connector, male<br>header, closed side, Reflow<br>solder connection, 5.08<br>mm, No. of poles: 2, 90°,<br>Solder pin length (l): 1.5<br>mm, tinned, Black, Box | 4032248156023 | 100 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Box       |

#### SL-SMT 5.08/90 Tape



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

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Type                           | Version                                                                                                                                                                   | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|----------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| <a href="#">1821160000</a> | SL-SMT 5.08/02/90 1.5 SN BK RL | PCB plug-in connector, male<br>header, open side, Reflow<br>solder connection, 5.08<br>mm, No. of poles: 2, 90°,<br>Solder pin length (l): 1.5<br>mm, tinned, Black, Tape | 4032248319800 | 350 pc(s). | IEC: 400 V / 19 A<br>UL: 300 V / 15 A | Tape      |