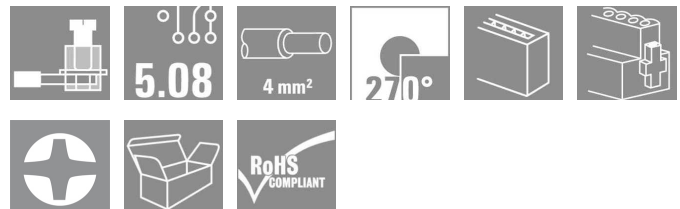


# OMNIMATE Signal - series BL/SL 5.08

## BLZP 5.08HC/02/270F SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
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Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2 – 2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

### General ordering data

|              |                                                                                                                                                               |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type         | BLZP 5.08HC/02/270F SN OR BX                                                                                                                                  |
| Order No.    | <a href="#">1950310000</a>                                                                                                                                    |
| Version      | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm <sup>2</sup> , Box |
| GTIN (EAN)   | 4032248628421                                                                                                                                                 |
| Qty.         | 90 pc(s).                                                                                                                                                     |
| Product data | IEC: 400 V / 15.5 A / 0.2 - 4 mm <sup>2</sup><br>UL: 300 V / 15 A / AWG 30 - AWG 12                                                                           |
| Packaging    | Box                                                                                                                                                           |

Creation date October 27, 2013 11:53:36 PM CET

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

Net weight 5.6 g

**System parameters**

|                                              |                                     |                            |                                        |
|----------------------------------------------|-------------------------------------|----------------------------|----------------------------------------|
| Product family                               | OMNIMATE Signal - series BL/SL 5.08 | Wire connection method     | Clamping yoke connection               |
| Conductor outlet direction                   | 270°                                | Pitch in mm (P)            | 5.08 mm                                |
| Pitch in inches (P)                          | 0.2 inch                            | No. of poles               | 2                                      |
| Screwdriver blade                            | 0.6 x 3.5, PH 0, PZ 0               | Screwdriver blade standard | DIN 5264, ISO 8764/2-PH, ISO 8764/2-PZ |
| Tightening torque, min.                      | 0.4 Nm                              | Tightening torque, max.    | 0.5 Nm                                 |
| Clamping screw                               | M 2.5                               | Stripping length           | 7 mm                                   |
| L1 in mm                                     | 5.08 mm                             | L1 in inches               | 0.2 inch                               |
| Touch-safe protection acc. to DIN VDE 57 106 | Safe from finger touch              |                            |                                        |

**Material data**

|                        |          |                           |        |
|------------------------|----------|---------------------------|--------|
| Insulating material    | PBT      | Colour                    | Orange |
| Colour chart (similar) | RAL 2000 | UL 94 flammability rating | V-0    |
| CTI                    | ≥ 200    | Contact material          | Cu-Leg |
| Contact surface        | tinned   |                           |        |

**Connectable conductors**

|                                                 |                      |                                                 |                     |
|-------------------------------------------------|----------------------|-------------------------------------------------|---------------------|
| Clamping range, rated connection, min.          | 0.13 mm <sup>2</sup> | Clamping range, rated connection, max.          | 4 mm <sup>2</sup>   |
| Wire connection cross section AWG, min.         | AWG 30               | Wire connection cross section AWG, max.         | AWG 12              |
| Solid, min. H05(07) V-U                         | 0.2 mm <sup>2</sup>  | Solid, max. H05(07) V-U                         | 4 mm <sup>2</sup>   |
| Flexible, min. H05(07) V-K                      | 0.2 mm <sup>2</sup>  | Flexible, max. H05(07) V-K                      | 4 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.       | 4 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. | 2.5 mm <sup>2</sup> |
| Plug gauge acc. to EN 60999 a x b; Ø            | 2.8 mm x 2.4 mm      |                                                 |                     |

**DIN IEC rating data**

|                                                                      |                    |                                                                          |        |
|----------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------|--------|
| Rated current, min. no. of poles (T <sub>u</sub> =20°C)              | 15.5 A             | Rated current, max. no. of poles (T <sub>u</sub> =20°C)                  | 13 A   |
| Rated current, number of poles (T <sub>u</sub> =40°C), min           | 12 A               | Rated current, number of poles (T <sub>u</sub> =40°C), max.              | 10.5 A |
| Rated voltage for surge voltage class pollution degree II/2          | 400 V              | Rated voltage for surge voltage class pollution degree III/2             | 320 V  |
| Rated voltage for surge voltage class pollution degree III/3         | 250 V              | Rated impulse voltage for surge voltage class pollution degree II/2      | 4 kV   |
| Rated impulse voltage for surge voltage class pollution degree III/2 | 4 kV               | Rated impulse voltage for surge voltage class contamination degree III/3 | 4 kV   |
| Short-time withstand current resistance                              | 3 x 1 s with 120 A |                                                                          |        |

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**Technical data****CSA rating data**

Institute (CSA)



Rated voltage (Use group B)

300 V

Rated current (use group B) 15 A

Rated voltage (Use group C) 50 V

Rated voltage (use group D) 300 V

Rated current (use group D) 15 A

Wire cross-section, AWG, min. AWG 30

Wire cross-section, AWG, max. AWG 12

**UL 1059 rating data**

Institute (UR)



Rated voltage (use group B)

300 V

Rated current (use group B) 15 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 30

Wire cross-section, AWG, max. AWG 12

**Classifications**

UNSPSC 30-21-18-01

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
- 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



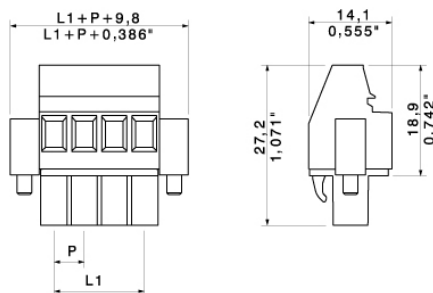
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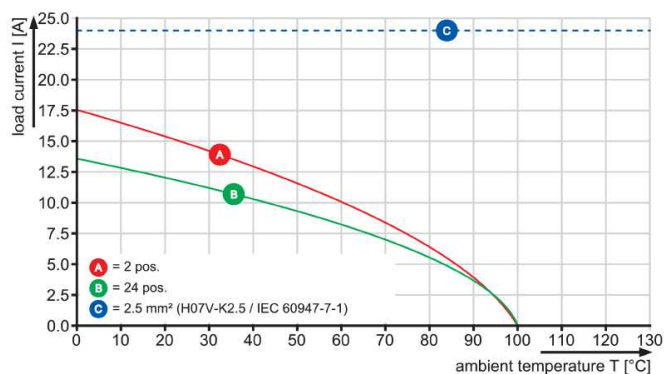
## OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/02/270F SN OR BX

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# Drawings



BLZP 5.08/./270 - SL 5.08/./90



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### Mating connector (conditionally 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

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

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

## OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/02/270F SN OR BX

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### Mating connector (conditionally pluggable)

#### 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

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

#### 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

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

## OMNIMATE Signal - series BL/SL 5.08

### BLZF 5.08HC/02/270F 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

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

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

## OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/02/270F SN OR BX

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### Mating connector (conditionally 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

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

#### 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

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



## OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/02/270F SN OR BX

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### Mating connector (conditionally pluggable)

#### SL 5.08/135



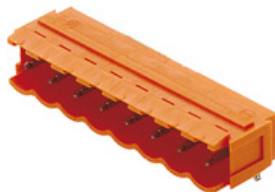
Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

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

#### General ordering data

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

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

#### General ordering data

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

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### Mating connector (conditionally pluggable)

#### 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

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

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

**OMNIMATE Signal - series BL/SL 5.08**  
**BLZP 5.08HC/02/270F SN OR BX**

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

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

**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**

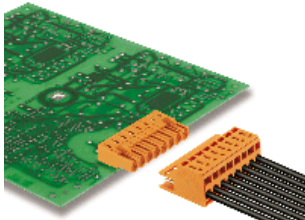
| Type         | Order No.                  | Version                                                                                                        | GTIN (EAN)    | Qty.      | Product data      | Packaging |
|--------------|----------------------------|----------------------------------------------------------------------------------------------------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

## OMNIMATE Signal - series BL/SL 5.08 BLZF 5.08HC/02/270F SN OR BX

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### Mating connector (conditionally pluggable)

#### SLZF 5.08/180



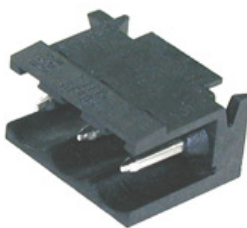
Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

- 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

| Type                            | Order No.                  | Version                                                                                                                                                                          | GTIN (EAN)    | Qty.       | Product data                                                                        | Packaging |
|---------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-------------------------------------------------------------------------------------|-----------|
| SLZF<br>5.08/02/180<br>SN BK BX | <a href="#">1709600000</a> | 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 | 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       |
| SLZF<br>5.08/02/180<br>SN OR BX | <a href="#">1709370000</a> | 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 | 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-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

| Type                                  | Order No.                  | Version                                                                                                                                                                   | GTIN (EAN)    | Qty.       | Product data                            | Packaging |
|---------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-----------------------------------------|-----------|
| SL-SMaRT<br>5.0X/02/90<br>1.5SN BK RL | <a href="#">1812430000</a> | 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 BLZP 5.08HC/02/270F SN OR BX

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### Mating connector (conditionally pluggable)

#### 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

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

#### 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

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

**OMNIMATE Signal - series BL/SL 5.08**  
**BLZF 5.08HC/02/270F SN OR BX**

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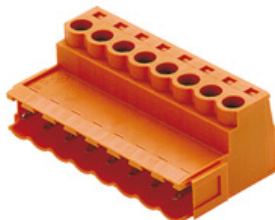
**Mating connector (conditionally pluggable)**
**SLZF 5.08/90B**


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

- 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**

| Type                            | Order No.                  | Version                                                                                                                                                                         | GTIN (EAN)    | Qty.       | Product data                                                                          | Packaging |
|---------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------------------------------------------------------|-----------|
| SLZF<br>5.08/02/90B<br>SN OR BX | <a href="#">1673550000</a> | PCB plug-in connector,<br>male plug, 5.08 mm,<br>No. of poles: 2, 90°,<br>Tension clamp connection,<br>Clamping range, rated<br>connection, max.: 3.31<br>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       |

**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**

| Type                            | Order No.                  | Version                                                                                                                                                                       | GTIN (EAN)    | Qty.       | Product data                                                                          | Packaging |
|---------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------------------------------------------------------|-----------|
| SLS<br>5.08/02/180B<br>SN OR BX | <a href="#">1627240000</a> | 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**  
**BLZF 5.08HC/02/270F SN OR BX**

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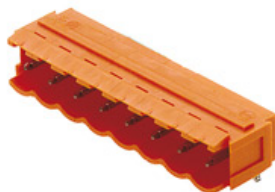
**Mating connector (conditionally pluggable)**
**SLZF 5.08/270B**


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**

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

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

## OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/02/270F 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

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

#### SL 5.00/180B



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

| Type         | Order No.                  | Version                                                                                                       | GTIN (EAN)    | Qty.       | Product data      | Packaging |
|--------------|----------------------------|---------------------------------------------------------------------------------------------------------------|---------------|------------|-------------------|-----------|
| SL           | <a href="#">1581780000</a> | PCB plug-in connector, male                                                                                   | 4008190048730 | 100 pc(s). | IEC: 400 V / 18 A | Box       |
| 5.00/02/180B |                            | header, Dovetails for fixing                                                                                  |               |            | UL: 300 V / 15 A  |           |
| 3.2SN OR BX  |                            | blocks, Solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box |               |            |                   |           |



## OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/02/270F SN OR BX

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### Mating connector (conditionally pluggable)

#### 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

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

#### 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

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

**OMNIMATE Signal - series BL/SL 5.08**  
**BLZP 5.08HC/02/270F SN OR BX**

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

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

## OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/02/270F SN OR BX

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### Mating connector (fully 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

| Type                                  | Order No.                  | Version                                                                                                                                                                      | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|---------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| SL-SMT<br>5.00/02/90LF<br>3.2SN BK BX | <a href="#">1840350000</a> | 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       |
| SL-SMT<br>5.00/02/90LF<br>1.5SN BK BX | <a href="#">1797230000</a> | 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 5.08/180LF 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

| Type                                    | Order No.                  | Version                                                                                                                                                                        | GTIN (EAN)    | Qty.       | Product data                          | Packaging |
|-----------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------------------------------|-----------|
| SL-SMT<br>5.08/02/180LF<br>1.5 SN BK RL | <a href="#">1776364001</a> | 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      |

## OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/02/270F SN OR BX

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### Mating connector (fully pluggable)

#### 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

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

- 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

| Type         | Order No.                  | Version                          | GTIN (EAN)    | Qty.       | Product data                                    | Packaging |
|--------------|----------------------------|----------------------------------|---------------|------------|-------------------------------------------------|-----------|
| SLS          | <a href="#">1846360000</a> | PCB plug-in connector,           | 4032248362066 | 100 pc(s). | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup> | Box       |
| 5.08/02/180F |                            | male plug, 5.08 mm, No.          |               |            | UL: 300 V / 14 A / AWG 26 - AWG 12              |           |
| SN OR BX     |                            | of poles: 2, 180°, Clamping      |               |            |                                                 |           |
|              |                            | yoke connection, Clamping        |               |            |                                                 |           |
|              |                            | range, rated connection,         |               |            |                                                 |           |
|              |                            | max.: 3.31 mm <sup>2</sup> , Box |               |            |                                                 |           |

## OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/02/270F SN OR BX

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Germany  
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www.weidmueller.com

### Mating connector (fully 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

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

#### 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

| Type                             | Order No.                  | Version                                                                                                                                                                          | GTIN (EAN) | Qty.           | Product data                                                                        | Packaging |
|----------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|-------------------------------------------------------------------------------------|-----------|
| SLZF<br>5.08/02/180F<br>SN OR BX | <a href="#">1846930000</a> | 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 | 4032248363 | 100 100 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       |

# OMNIMATE Signal - series BL/SL 5.08

## BLZP 5.08HC/02/270F SN OR BX

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## Mating connector (fully 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

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

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

## OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/02/270F SN OR BX

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### Mating connector (fully pluggable)

Solder pin length (l): 1.5  
mm, tinned, Black, 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

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

#### 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

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

## OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/02/270F SN OR BX

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### Mating connector (fully pluggable)

#### 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

| Type         | Order No.                  | Version                     | GTIN (EAN)                | Qty. | Product data      | Packaging |
|--------------|----------------------------|-----------------------------|---------------------------|------|-------------------|-----------|
| SL-SMT       | <a href="#">1775234001</a> | PCB plug-in connector,      | 4032248 167784 350 pc(s). |      | IEC: 400 V / 19 A | Tape      |
| 5.08/02/90LF |                            | male header, Solder flange, |                           |      | UL: 300 V / 15 A  |           |
| 1.5 SN BK RL |                            | Reflow solder connection,   |                           |      |                   |           |
|              |                            | 5.08 mm, No. of poles: 2,   |                           |      |                   |           |
|              |                            | 90°, Solder pin length (l): |                           |      |                   |           |
|              |                            | 1.5 mm, tinned, Black, Tape |                           |      |                   |           |

#### 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

| Type        | Order No.                  | Version                     | GTIN (EAN)                | Qty. | Product data      | Packaging |
|-------------|----------------------------|-----------------------------|---------------------------|------|-------------------|-----------|
| SL-SMT      | <a href="#">1837630000</a> | PCB plug-in connector, male | 4032248 347445 100 pc(s). |      | IEC: 400 V / 19 A | Box       |
| 5.08/02/90F |                            | header, Flange, Reflow      |                           |      | UL: 300 V / 15 A  |           |
| 3.2SN BK BX |                            | solder connection, 5.08     |                           |      |                   |           |
|             |                            | mm, No. of poles: 2, 90°,   |                           |      |                   |           |
|             |                            | Solder pin length (l): 3.2  |                           |      |                   |           |
|             |                            | mm, tinned, Black, Box      |                           |      |                   |           |



