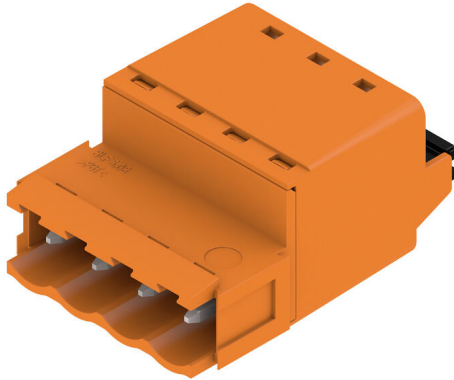


**SLF 5.08/04/180B SN OR BX CO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

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

**General ordering data**

|              |                                                                                                 |
|--------------|-------------------------------------------------------------------------------------------------|
| Version      | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 4, 180°, PUSH IN with actuator, Box |
| Order No.    | <a href="#">2989780000</a>                                                                      |
| Type         | SLF 5.08/04/180B SN OR BX CO                                                                    |
| GTIN (EAN)   | 4099986861770                                                                                   |
| Qty.         | 78 items                                                                                        |
| Product data | IEC: 400 V / 0.2 - 2.5 mm <sup>2</sup><br>UL:                                                   |
| Packaging    | Box                                                                                             |

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## Technical data

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 30 mm   | Depth (inches)  | 1.1811 inch |
| Height     | 14.2 mm | Height (inches) | 0.5591 inch |
| Net weight | 8.12 g  |                 |             |

## Environmental Product Compliance

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

## System Parameters

|                   |                                     |                            |                       |
|-------------------|-------------------------------------|----------------------------|-----------------------|
| Product family    | OMNIMATE Signal - series BL/SL 5.08 | Wire connection method     | PUSH IN with actuator |
| Pitch in mm (P)   | 5.08 mm                             | Conductor outlet direction | 180°                  |
| Number of poles   | 4                                   | Pin series quantity        | 1                     |
| Protection degree | IP20                                | Plugging cycles            | 25                    |

## Material data

|                                |          |                             |          |
|--------------------------------|----------|-----------------------------|----------|
| Insulating material            | PBT      | Colour                      | orange   |
| Colour of operational elements | black    | Colour chart (similar)      | RAL 2000 |
| Moisture Level (MSL)           |          | UL 94 flammability rating   | V-0      |
| Contact material               | Cu-alloy | Contact surface             | tinned   |
| Operating temperature, min.    | -50 °C   | Operating temperature, max. | 100 °C   |

## Conductors suitable for connection

|                                           |                                                                                                                                                                        |                                           |                     |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------|
| Solid, min. H05(07) V-U                   | 0.2 mm <sup>2</sup>                                                                                                                                                    | Solid, max. H05(07) V-U                   | 2.5 mm <sup>2</sup> |
| Flexible, min. H05(07) V-K                | 0.2 mm <sup>2</sup>                                                                                                                                                    | Flexible, max. H05(07) V-K                | 2.5 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. | 2.5 mm <sup>2</sup> |
| Reference text                            | The outside diameter of the plastic collar should not be larger than the pitch (P). Length of ferrules is to be chosen depending on the product and the rated voltage. |                                           |                     |

## Rated data acc. to IEC

|                                                                      |        |                                                                       |        |
|----------------------------------------------------------------------|--------|-----------------------------------------------------------------------|--------|
| Rated current, max. number of poles (Tu=20°C)                        | 21.7 A | Rated current, min. number of poles (Tu=40°C)                         | 22.5 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 impulse voltage for surge voltage class/ pollution degree II/2 | 4000 V | Rated impulse voltage for surge voltage class/ pollution degree III/2 | 4 kV   |

## Packing

|           |           |            |           |
|-----------|-----------|------------|-----------|
| Packaging | Box       | VPE length | 354.00 mm |
| VPE width | 136.00 mm | VPE height | 40.00 mm  |

## Important note

|                |                                                                                                                                                                                          |  |  |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| IPC conformity | Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. |  |  |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

## SLF 5.08/04/180B SN OR BX CO

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## Technical data

fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.

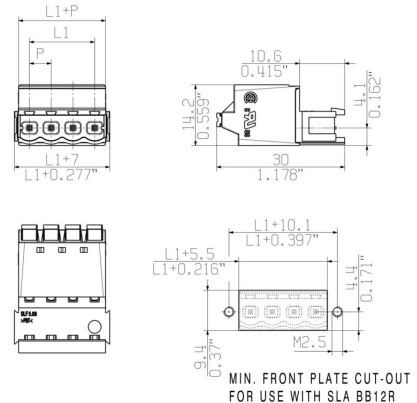
## Notes

- Additional variants on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Crimping shape "A" for wire end ferrules with PZ 6/5 crimping tool recommended.
- The test point can only be used as potential-pickup point.
- In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load
- Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

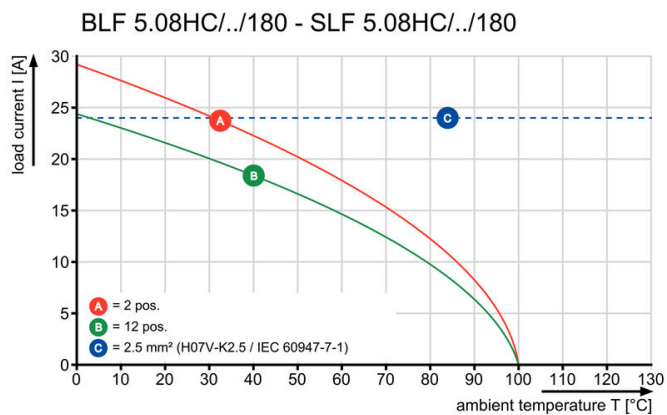
## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002638    | ETIM 9.0    | EC002638    |
| ETIM 10.0   | EC002638    | ECLASS 14.0 | 27-46-02-02 |
| ECLASS 15.0 | 27-46-02-02 |             |             |

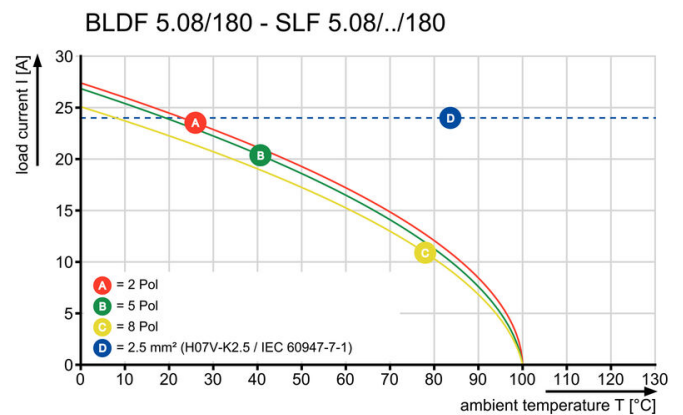
## Dimensional drawing



## Graph



## Graph

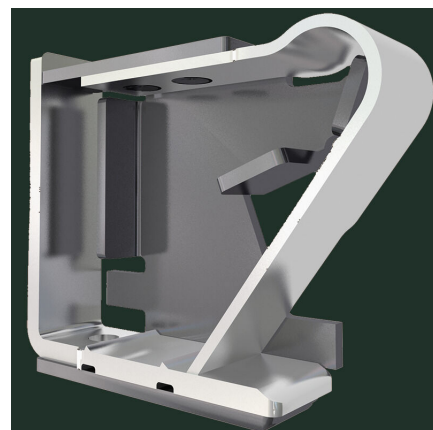


## Product benefits



Uncompromising functionality High vibration resistance

## Product benefits



Solid PUSH IN contact Safe and durable

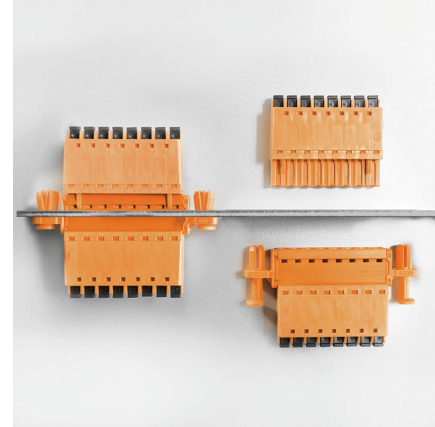
## Drawings

### Product benefits



Lower assembly costs  
Secure in a matter of seconds

### Product benefits



Easy handling  
No implementation framework necessary