

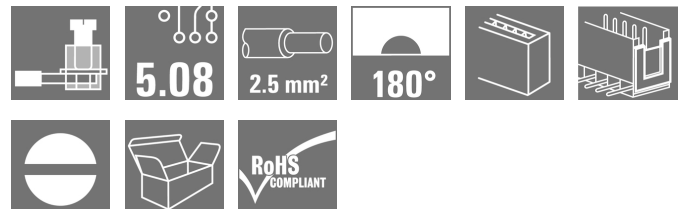
**SLAS 4B RF15 SN OR**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**


Similar to illustration

The Unimate range pin arrangement provides a unique security against wrong connections at 5.08 pitch.

- Clamping yoke, TOP and crimp connections
- Good dimensional stability and a high constant operating temperature thanks to glass fibre-reinforced PBT.

**General ordering data**

|              |                                                                                                                                     |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Version      | PCB plug-in connector, male plug, 5.08 mm, Number of poles: 4, 180°, Clamping yoke connection, Clamping range, max. : 3.31 mm², Box |
| Order No.    | <a href="#">1845900000</a>                                                                                                          |
| Type         | SLAS 4B RF15 SN OR                                                                                                                  |
| GTIN (EAN)   | 4032248361922                                                                                                                       |
| Qty.         | 52 pc(s).                                                                                                                           |
| Product data | IEC: 400 V / 16 A / 0.2 - 2.5 mm²<br>UL: 300 V / 10 A / AWG 26 - AWG 12                                                             |
| Packaging    | Box                                                                                                                                 |

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## Technical data

## Dimensions and weights

|            |         |
|------------|---------|
| Net weight | 11.42 g |
|------------|---------|

## System specifications

|                     |                                          |                     |                  |
|---------------------|------------------------------------------|---------------------|------------------|
| Product family      | OMNIMATE Signal - series<br>BLA/SLA 5.08 | Type of connection  | Field connection |
| Pitch in mm (P)     | 5.08 mm                                  | Pitch in inches (P) | 0.2 inch         |
| Number of poles     | 4                                        | L1 in mm            | 15.24 mm         |
| L1 in inches        | 0.6 inch                                 | Number of rows      | 1                |
| Pin series quantity | 1                                        | Plugging cycles     | 25               |

## Material data

|                                  |          |                                 |                            |
|----------------------------------|----------|---------------------------------|----------------------------|
| Insulating material              | PBT GF   | Colour                          | orange                     |
| Colour chart (similar)           | RAL 2000 | Insulating material group       | IIIa                       |
| Comparative Tracking Index (CTI) | ≥ 200    | Insulation strength             | ≥ 10 <sup>8</sup> Ω        |
| UL 94 flammability rating        | V-0      | Contact material                | CuSn                       |
| Contact surface                  | tinned   | Layer structure of plug contact | 4...8 µm Sn hot-dip tinned |
| Storage temperature, min.        | -40 °C   | Storage temperature, max.       | 70 °C                      |

## Conductors suitable for connection

|                                                 |                      |                                                 |                                                                                                                                                                        |
|-------------------------------------------------|----------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clamping range, min.                            | 0.13 mm <sup>2</sup> | Clamping range, max.                            | 3.31 mm <sup>2</sup>                                                                                                                                                   |
| Wire connection cross section AWG, min.         | AWG 26               | 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                         | 2.5 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. plastic collar ferrule, DIN 46228 pt 4, min. | 0.2 mm <sup>2</sup>  | w. plastic collar ferrule, DIN 46228 pt 4, max. | 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>                                                                                                                                                    |
| Plug gauge in accordance with EN 60999 a x b; ø |                      | 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. |
|                                                 | 2.4 mm x 1.5 mm      |                                                 |                                                                                                                                                                        |

## Rated data acc. to IEC

|                                                                           |                        |                                                                       |       |
|---------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------|-------|
| tested acc. to standard                                                   | IEC 60664-1, IEC 61984 | Rated current, min. number of poles (Tu=20°C)                         | 16 A  |
| Rated current, max. number of poles (Tu=20°C)                             | 15 A                   | Rated current, min. number of poles (Tu=40°C)                         | 14 A  |
| Rated current, max. number of poles (Tu=40°C)                             | 13 A                   | Rated voltage for surge voltage class / pollution degree II/2         | 400 V |
| Rated voltage for surge voltage class / pollution degree III/2            | 320 V                  | Rated voltage for surge voltage class / pollution degree III/3        | 250 V |
| Rated impulse voltage for surge voltage class/ pollution degree II/2      | 4 kV                   | Rated impulse voltage for surge voltage class/ pollution degree III/2 | 4 kV  |
| Rated impulse voltage for surge voltage class/ contamination degree III/3 | 4 kV                   |                                                                       |       |

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## Technical data

## Rated data acc. to CSA

Institute (CSA)



Certificate No. (CSA)

12400-158

|                                   |                                                                        |
|-----------------------------------|------------------------------------------------------------------------|
| Rated voltage (Use group B / CSA) | 300 V                                                                  |
| Rated current (Use group B / CSA) | 10 A                                                                   |
| Wire cross-section, AWG, min.     | AWG 26                                                                 |
| Reference to approval values      | Specifications are maximum values, details - see approval certificate. |

|                                   |        |
|-----------------------------------|--------|
| Rated voltage (Use group D / CSA) | 300 V  |
| Rated current (Use group D / CSA) | 10 A   |
| Wire cross-section, AWG, max.     | AWG 12 |

## Rated data acc. to UL 1059

Institute (UR)



Certificate No. (UR)

E60693

|                                       |                                                                        |
|---------------------------------------|------------------------------------------------------------------------|
| Rated voltage (Use group B / UL 1059) | 300 V                                                                  |
| Rated current (Use group B / UL 1059) | 10 A                                                                   |
| Wire cross-section, AWG, min.         | AWG 26                                                                 |
| Reference to approval values          | Specifications are maximum values, details - see approval certificate. |

|                                       |        |
|---------------------------------------|--------|
| Rated voltage (Use group D / UL 1059) | 300 V  |
| Rated current (Use group D / UL 1059) | 10 A   |
| Wire cross-section, AWG, max.         | AWG 12 |

## Packing

|           |        |            |        |
|-----------|--------|------------|--------|
| Packaging | Box    | VPE length | 30 mm  |
| VPE width | 135 mm | VPE height | 350 mm |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002638    | ETIM 7.0    | EC002638    |
| ECLASS 9.0  | 27-44-03-09 | ECLASS 9.1  | 27-44-03-09 |
| ECLASS 10.0 | 27-44-03-09 | ECLASS 11.0 | 27-46-02-02 |

## 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. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.                                                                                                                                                                                                                                                                |
| Notes          | <ul style="list-style-type: none"> <li>Rated current related to rated cross-section &amp; min. No. of poles.</li> <li>Wire end ferrule without plastic collar to DIN 46228/1</li> <li>Wire end ferrule with plastic collar to DIN 46228/4</li> <li>P on drawing = pitch</li> <li>Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.</li> <li>Long term storage of the product with average temperature of 50 °C and average humidity 70%, 36 months</li> </ul> |

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## Technical data

### Approvals

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

|                       |        |
|-----------------------|--------|
| UL File Number Search | E60693 |
|-----------------------|--------|

### Downloads

Approval/Certificate/Document of  
Conformity

[Declaration of the Manufacturer](#)

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# Drawings

## Dimensional drawing

