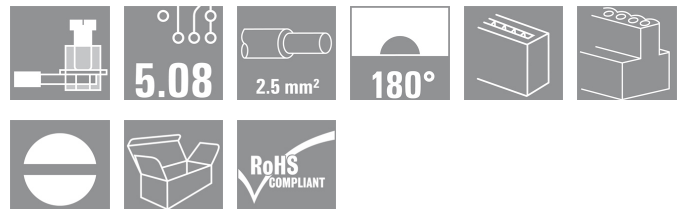


BLA/SLA 5.08 series
BLA 2 SN OR

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



Female header with clamping yoke connection system. The principle of the vibration-proof screw connection and the Unimate range pin arrangement provides a unique security during operation. Also available with dovetail (B) for convenient attachment of fixing blocks. The BLA has a labelling panel and can be coded. Supplied in cardboard box.

- 0.20 - 2.5mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

| | |
|--------------|--|
| Order No. | 1281760000 |
| Type | BLA 2 SN OR |
| Version | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.32 mm ² , Box |
| GTIN (EAN) | 4008190008079 |
| Qty. | 180 pc(s). |
| Product data | IEC: 400 V / 17.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 |
| Packaging | Box |

Creation date November 12, 2012 8:38:25 AM CET

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Technical data**Dimensions and weights**

| | |
|------------|-------|
| Net weight | 3.7 g |
|------------|-------|

System parameters

| | | | |
|---------------------------------|---------------------|--|---|
| Product family | BLA/SLA 5.08 series | Conductor connection system | Clamping yoke connection |
| Outgoing direction of conductor | 180° | Pitch in mm (P) | 5.08 mm |
| Pitch in inches (P) | 0.2 inch | No. of poles | 2 |
| Number of rows | 1 | Screwdriver blade | 0.6 x 3.5 |
| Screwdriver blade standard | DIN 5264 | Tightening torque, min. | 0.4 Nm |
| Tightening torque, max. | 0.5 Nm | Clamping screw | M 2.5 |
| Stripping length | 7 mm | L1 in mm | 5.08 mm |
| L1 in inches | 0.2 inch | Touch-safe protection acc. to DIN VDE 57 106 | Finger-safe unplugged/ back-of-hand-safe plugged |

Material data

| | | | |
|----------------------------------|----------|----------------------------------|--------|
| Insulating material | PBT GF | Colour | Orange |
| Colour chart (similar) | RAL 2000 | UL 94 flammability rating | V-0 |
| CTI | ≥ 200 | Contact material | CuSn |
| Contact surface | tinned | Continuous operating temp., min. | -25 °C |
| Continuous operating temp., max. | 120 °C | | |

Connectable conductors

| | | | |
|---|----------------------|---|----------------------|
| Clamping range, rated connection, min. | 0.13 mm ² | Clamping range, rated connection, max. | 3.32 mm ² |
| Wire connection cross section AWG, min. | AWG 28 | Wire connection cross section AWG, max. | AWG 16 |
| Solid, min. H05(07) V-U | 0.2 mm ² | Solid, max. H05(07) V-U | 2.5 mm ² |
| Flexible, min. H05(07) V-K | 0.2 mm ² | Flexible, max. H05(07) V-K | 1.5 mm ² |
| w. wire end ferrule, DIN 46228 pt 1, min. | 0.2 mm ² | w. wire end ferrule, DIN 46228 pt 1, max. | 1.5 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.2 mm ² | w. plastic collar ferrule, DIN 46228 pt 4, max. | 1.5 mm ² |
| Plug gauge acc. to EN 60999 a x b; Ø | 2.4 mm x 1.5 mm | | |

DIN IEC rating data

| | | | |
|---|-------------------|---|--------|
| Rated current, min. no. of poles (Tu=20°C) | 17.5 A | Rated current, max. no. of poles (Tu=20°C) | 12.5 A |
| Rated current, number of poles (Tu=40°C), min | 16 A | Rated current, number of poles (Tu=40°C), max. | 11 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 1s with 100 A | | |


Data sheet...

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Technical data

CSA rating data

| | | | |
|-------------------------------|---|-------------------------------|--------|
| Institute (CSA) |  | Rated voltage (Use group B) | 300 V |
| Rated current (use group B) | 10 A | Rated voltage (use group D) | 300 V |
| Rated current (use group D) | 10 A | Wire cross-section, AWG, min. | AWG 26 |
| Wire cross-section, AWG, max. | AWG 12 | | |

UL 1059 rating data

| | | | |
|-------------------------------|---|-------------------------------|--------|
| Institute (UR) |  | Rated voltage (use group B) | 300 V |
| Rated current (use group B) | 10 A | Rated voltage (use group D) | 300 V |
| Rated current (use group D) | 10 A | Wire cross-section, AWG, min. | AWG 26 |
| Wire cross-section, AWG, max. | AWG 12 | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001284 | UNSPSC | 30-21-18-10 |
| eClass 4.1 | 27-26-07-01 | eClass 5.1 | 27-26-07-04 |
| eClass 6.0 | 27-26-07-04 | eClass 7.0 | 27-44-04-02 |

Notes

- Notes
- Other colours on request
 - Gold-plated contact surfaces on request
 - Rated current related to rated cross-section and min. No. of poles.
 - Wire end ferrule without plastic collar to DIN 46228/1
 - Wire end ferrule with plastic collar to DIN 46228/4
 - 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



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Drawings