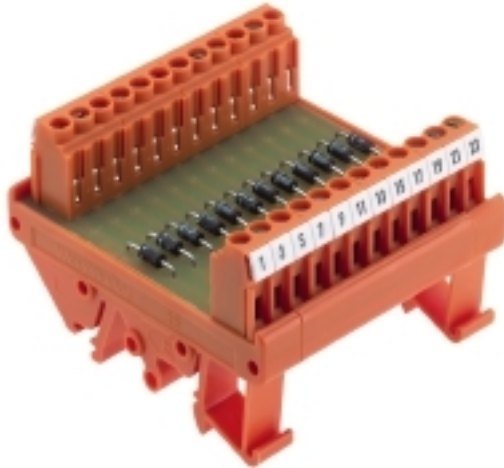


RSD
RSD 20 LP/LP

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



Similar to illustration

Interfaces with diodes for surge voltage protection, lamp testing or protection against reversed polarity.

General ordering data

| | |
|------------|--|
| Type | RSD 20 LP/LP |
| Order No. | 8022911001 |
| Version | Interface, RSD, Free diode, Screw connection |
| GTIN (EAN) | 4032248122332 |
| Qty. | 1 pc(s). |

**RSD
RSD 20 LP/LP**

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

Technical data
Dimensions and weights

| | | | |
|------------|--------|-----------------|------------|
| Length | 120 mm | Length (inches) | 4.724 inch |
| Width | 70 mm | Width (inches) | 2.756 inch |
| Height | 42 mm | Height (inches) | 1.654 inch |
| Net weight | 187 g | | |

Temperatures

| | | | |
|-----------------------------|-----------|-----------------------------|-------------|
| Operating temperature, max. | 55 °C | Operating temperature, min. | 0 °C |
| Storage temperature, max. | 60 °C | Storage temperature, min. | -40 °C |
| Operating temperature | 0...55 °C | Storage temperature | -40...60 °C |

Connection data

| | | | |
|-------------------|--------------|---------------|---------------|
| Type of component | Diode 1N4007 | Configuration | Through diode |
|-------------------|--------------|---------------|---------------|

Rating Data

| | | | |
|-----------------------------|---------|------------------------------|--------|
| Rated voltage (text) | 230 V | Rated current per connection | 1 A |
| Components | Diode | Value | 1N4007 |
| Max. recurring peak voltage | 1,000 V | | |

Insulation coordination (EN50178)

| | | | |
|-------------------------------|--------------|--------------------------|----------|
| According to | DIN EN 50178 | Rated insulation voltage | 230 V |
| Surge voltage category | II | Pollution severity level | 2 |
| Pulse voltage test (1,2/50µs) | 2 kV | Insulation test voltage | 1.2 kVAC |

Connection field

| | | | |
|------------------------------|---------------------|----------------------------------|----------------------|
| Type of connection | Screw connection | Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 6 mm ² | Solid, min. H05(07) V-U | 0.5 mm ² |
| Solid, max. H05(07) V-U | 6 mm ² | Flexible, min. H05(07) V-K | 0.5 mm ² |
| Flexible, max. H05(07) V-K | 4 mm ² | Flexible with sleeve, max. | 2.5 mm ² |
| Flexible with sleeve, min. | 0.5 mm ² | Sleeve with plastic collar, max. | 2.5 mm ² |
| Min. wire cross-section, AWG | AWG 26 | Max. wire cross-section, AWG | AWG 12 |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 0.6 Nm |
| Stripping length | 6 mm | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001419 | ETIM 4.0 | EC001421 |
| ETIM 5.0 | EC001421 | ETIM 6.0 | EC002780 |
| UNSPSC | 30-21-18-01 | eClass 5.1 | 27-24-22-04 |
| eClass 6.2 | 27-24-22-04 | eClass 7.1 | 27-14-11-52 |
| eClass 8.1 | 27-14-11-52 | eClass 9.0 | 27-14-11-52 |
| eClass 9.1 | 27-14-11-52 | | |

Approvals

Approvals



ROHS

Conform

Creation date May 28, 2019 12:20:38 AM CEST

Data sheet

RSD
RSD 20 LP/LP

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

Technical data

Downloads

| | |
|---|----------------------------------|
| Approval/Certificate/Document of Conformity | CIF113_01_12.pdf |
| Engineering Data | WSCAD |

Data sheet

RSD
RSD 20 LP/LP

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

Drawings

