

**RSD**  
**RSD A22 LP/LP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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

**General ordering data**

|            |                                                |
|------------|------------------------------------------------|
| Order No.  | <a href="#">0180961001</a>                     |
| Type       | RSD A22 LP/LP                                  |
| Version    | Interface, RSD, Common anode, Screw connection |
| GTIN (EAN) | 4032248047413                                  |
| Qty.       | 1 pc(s).                                       |

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

|        |       |            |         |
|--------|-------|------------|---------|
| Length | 65 mm | Width      | 70 mm   |
| Height | 42 mm | Net weight | 73.48 g |

**Temperatures**

|                       |           |                     |              |
|-----------------------|-----------|---------------------|--------------|
| Operating temperature | 0...+55°C | Storage temperature | -40...+60 °C |
|-----------------------|-----------|---------------------|--------------|

**Connection data**

|                   |              |               |              |
|-------------------|--------------|---------------|--------------|
| Type of component | Diode 1N4007 | Configuration | Shared anode |
|-------------------|--------------|---------------|--------------|

**Rating Data**

|                      |       |                              |        |
|----------------------|-------|------------------------------|--------|
| Rated voltage (text) | 230 V | Rated current per connection | 1 A    |
| Components           | Diode | Value                        | 1N4007 |

**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  | 0.35 kVAC |

**Connection field**

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

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 2.0   | EC001419    | ETIM 3.0   | EC001419    |
| UNSPSC     | 30-21-18-01 | eClass 4.1 | 27-24-04-04 |
| eClass 5.1 | 27-24-22-04 | eClass 6.2 | 27-13-08-02 |
| eClass 7.1 | 27-14-02-01 |            |             |

**Approvals**

Approvals



ROHS

Conform

**Downloads**

 Declaration of Conformity [K319\\_10\\_09.pdf](#)

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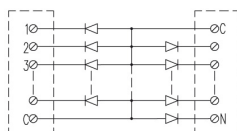
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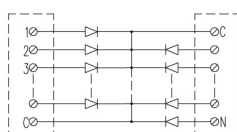
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[www.weidmueller.com](http://www.weidmueller.com)**Drawings**

RSD A



RSD K