

RSD A10 LP/LP

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Similar to illustration

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

General ordering data

| | |
|------------|--|
| Version | Interface, RSD, Common anode, Screw connection |
| Order No. | 1312760000 |
| Type | RSD A10 LP/LP |
| GTIN (EAN) | 4050118115710 |
| Qty. | 1 pc(s). |

Creation date March 7, 2023 8:35:27 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

RSD A10 LP/LP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

| | | | |
|------------|-------|-----------------|------------|
| Depth | 42 mm | Depth (inches) | 1.654 inch |
| Height | 70 mm | Height (inches) | 2.756 inch |
| Width | 35 mm | Width (inches) | 1.378 inch |
| Net weight | 52 g | | |

Temperatures

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

Connection data

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

Rating Data

| | | | |
|-----------------------------|---------|------------------------------|--------|
| Rated voltage | 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 | 0.35 kVAC |

Connection field

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

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002780 | ETIM 7.0 | EC002780 |
| ETIM 8.0 | EC002780 | ECLASS 9.0 | 27-14-11-52 |
| ECLASS 9.1 | 27-14-11-52 | ECLASS 10.0 | 27-14-11-52 |
| ECLASS 11.0 | 27-14-11-52 | ECLASS 12.0 | 27-14-11-52 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | c81824f0-4ab4-46d2-8ea1-d0fb421fd3a2 |

RSD A10 LP/LP

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of
Conformity

[Declaration of Conformity](#)

Engineering Data

[WSCAD](#)

Product Change Notification

[20200929 Technical change to RSX LOETST. LP, RSD and RSD AK families](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

RSD A10 LP/LP

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

