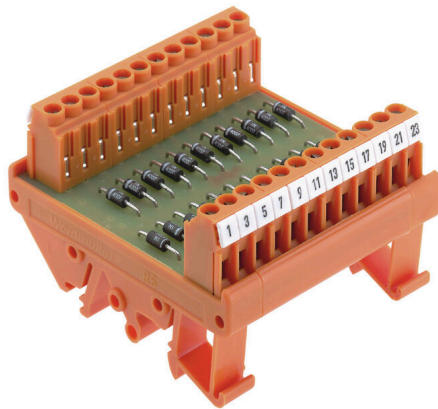


RSD A22 LP/LP

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. | 0180961001 |
| Type | RSD A22 LP/LP |
| GTIN (EAN) | 4032248047413 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E141197

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 42 mm | Depth (inches) | 1.6535 inch |
| Height | 70 mm | Height (inches) | 2.7559 inch |
| Width | 65 mm | Width (inches) | 2.5591 inch |
| Net weight | 73.48 g | | |

Temperatures

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

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 7a |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | c81824f0-4ab4-46d2-8ea1-d0fb421fd3a2 |

Rated data UL

| | | | |
|--------------------------------|-------|--------------------------------|--------|
| Rated current IN | 1 A | Operating temperature UL, min. | -25 °C |
| Operating temperature UL, max. | 50 °C | Rated current I _{max} | 1 A |
| Rated voltage UN | 142 V | | |

Connection data

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

Rating Data

| | | | |
|-----------------------------|--------|------------------------------|--------|
| Rated voltage | 230 V | Rated current per connection | 1 A |
| Components | Diode | Value | 1N4007 |
| Max. recurring peak voltage | 1000 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 AC | 0.35 kV |

Connection field

| | | | |
|----------------------------------|---------------------|----------------------------|---------------------|
| Min. wire cross-section, AWG | AWG 26 | Type of connection | Screw connection |
| Sleeve with plastic collar, max. | 2.5 mm ² | Flexible with sleeve, min. | 0.5 mm ² |
| Flexible with sleeve, max. | 2.5 mm ² | Flexible, max. H05(07) V-K | 4 mm ² |
| Flexible, min. H05(07) V-K | 0.5 mm ² | Solid, max. H05(07) V-U | 6 mm ² |

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| | | | |
|------------------------------|---------------------|-------------------------|---------------------|
| 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 |
| Clamping range, max. | 6 mm ² | Clamping range, min. | 0.5 mm ² |
| Max. wire cross-section, AWG | AWG 12 | | |

Standard features

| | |
|--------|------------|
| Design | Diode gate |
|--------|------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002780 | ETIM 9.0 | EC002780 |
| ETIM 10.0 | EC002780 | ECLASS 14.0 | 27-14-11-52 |
| ECLASS 15.0 | 27-14-11-52 | | |

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Drawings



RSD A



RSD K

RSD A22 LP/LP

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Accessories

Steel



Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | TS 32X15 2M/ST/ZN | Version | |
| Order No. | 0122800000 | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, | |
| GTIN (EAN) | 4008190066307 | Width: 2000 mm, Height: 33 mm, Depth: 15 mm | |
| Qty. | 20 M | | |

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | EWK 2 | Version | |
| Order No. | 0199360000 | End bracket, beige, TS 32, V-0, Wemid, Width: 15 mm, 100 °C | |
| GTIN (EAN) | 4008190023546 | | |
| Qty. | 50 ST | | |

Steel



Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | TS 35X7.5 2M/ST/ZN | Version | |
| Order No. | 0383400000 | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, | |
| GTIN (EAN) | 4008190088026 | Width: 2000 mm, Height: 35 mm, Depth: 7.5 mm | |
| Qty. | 40 M | | |

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Accessories

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | EW 35 | Version | |
| Order No. | 0383560000 | End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C | |
| GTIN (EAN) | 4008190181314 | | |
| Qty. | 50 ST | | |

Steel



Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | TS 35X15/2.3 2M/ST/ZN | Version | |
| Order No. | 0498000000 | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, | |
| GTIN (EAN) | 4008190042493 | Width: 2000 mm, Height: 35 mm, Depth: 15 mm | |
| Qty. | 20 M | | |