# RS 32IO 2W F R S

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

www.weidmueller.com



Similar to illustration

The digital direct input/output interfaces are supplied with flat cable connectors to facilitate connection. They are available in tension clamp or clamping yoke connection, with elements such as fuses, disconnectors or LEDs.

## General ordering data

| | |
|---|---|
| Version | Interface, RS, Fuse, 2-wire, Screw connection |
| Order No. | 9441570000 |
| Type | RS 32IO 2W F R S |
| GTIN (EAN) | 4032248253821 |
| Qty. | 1 pc(s). |
| Available until | 2014-05-20 |

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## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 84 mm | Depth (inches) | 3.307 inch |
| Height | 109 mm | Height (inches) | 4.291 inch |
| Width | 200 mm | Width (inches) | 7.874 inch |
| Net weight | 670 g | | |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature | -40...60 °C | Operating temperature | -25...50 °C |

### General data

| | | | |
|---|---|---|---|
| LED status display per channel | No | Disconnection per channel | No |
| Type of test point | No | Fuse per channel | 2 A |
| LED status of the supply voltage | No | Power supply fuse | 3.15 A |
| Common pole polarity | Positive or negative can be selected using jumper | | |

### Connection data

| | | | |
|---|---|---|---|
| Connection (field side) | LL2N 5.08 mm | Connection on control side | Connector RSV 1.6 |
| Number of poles (control side) | 36-pole female | Wiring system | 2-wire |

### Ratings data

| | | | |
|---|---|---|---|
| Operating voltage | 150 V UC | Max. current per channel | 1 A |
| Total operating current | 3 A | | |

### Insulation coordination (EN50178)

| | | | |
|---|---|---|---|
| According to | DIN EN 50178 | Rated insulation voltage | < 150 V AC |
| Surge voltage category | II | Pollution severity level | 2 |
| Pulse voltage test (1,2/50µs) | 1.5 kV | Insulation test voltage AC | 1.1 kV |

### Connection field

| | | | |
|---|---|---|---|
| Clamping range, max. | 6 mm² | Clamping range, min. | 0.13 mm² |
| Flexible with sleeve, max. | 2.5 mm² | Flexible with sleeve, min. | 0.5 mm² |
| Flexible, max. H05(07) V-K | 4 mm² | Flexible, min. H05(07) V-K | 0.5 mm² |
| Max. wire cross-section, AWG | AWG 12 | Min. wire cross-section, AWG | AWG 26 |
| Sleeve with plastic collar, max. | 2.5 mm² | Solid, max. H05(07) V-U | 6 mm² |
| Solid, min. H05(07) V-U | 0.5 mm² | Stripping length | 6 mm |
| Tightening torque, max. | 0.6 Nm | Tightening torque, min. | 0.5 Nm |
| Type of connection | Screw connection | | |

### Supply connection

| | | | |
|---|---|---|---|
| Type of connection | Screw connection | Clamping range, min. | 0.13 mm² |
| Clamping range, max. | 6 mm² | Solid, min. H05(07) V-U | 0.5 mm² |
| Solid, max. H05(07) V-U | 6 mm² | Flexible, min. H05(07) V-K | 0.5 mm² |
| Flexible, max. H05(07) V-K | 4 mm² | Flexible with sleeve, max. | 2.5 mm² |
| Flexible with sleeve, min. | 0.5 mm² | Ferrule with plastic collar, max. | 2.5 mm² |
| Wire cross-section, min. AWG | AWG 26 | Wire cross-section, max. AWG | AWG 12 |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 0.6 Nm |
| Stripping length | 6 mm | | |

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### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC002780 | ETIM 7.0 | EC002780 |
| ETIM 8.0 | EC002780 | ETIM 9.0 | EC002780 |
| ECLASS 9.0 | 27-14-11-52 | ECLASS 9.1 | 27-24-22-16 |
| ECLASS 10.0 | 27-14-11-52 | ECLASS 11.0 | 27-14-11-52 |
| ECLASS 12.0 | 27-14-11-52 | ECLASS 13.0 | 27141152 |

### Environmental Product Compliance

| | |
|---|---|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 7b5ffb72-271d-4c73-8b09-bd0aaee3697a |

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E141197 |

### Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | Declaration of Conformity |
| Catalogues | Catalogues in PDF-format |

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## Drawings

