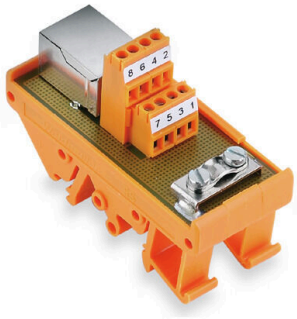
Data sheet

# RS RJ45

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

www.weidmueller.com



The RS RJ45 interface range is a simple and convenient alternative for connecting modems, routers, computers or other communication elements with existing components in electrical cabinets.
They can be used to adapt the shielded RJ45 8-pole connectors to screw connections, or for coupling 2 data lines. The modules can be attached to standard TS35 mounting rails.

## General ordering data

| | |
|---|---|
| Version | Interface, RS RJ45, RJ45 plug-in connectors, 8-pole, Screw connection |
| Order No. | 8611320000 |
| Type | RS RJ45 |
| GTIN (EAN) | 4032248272419 |
| Qty. | 10 items |



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# Data sheet

## RS RJ45

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# Technical data

### Approvals

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

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 48 mm | Depth (inches) | 1.8898 inch |
| Height | 70 mm | Height (inches) | 2.7559 inch |
| Width | 30 mm | Width (inches) | 1.1811 inch |
| Net weight | 34.88 g | | |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature | -40...70 °C | Operating temperature | 0...55 °C |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

### Rated data UL

| | | | |
|---|---|---|---|
| Rated current IN | 1 A | Operating temperature UL, min. | -25 °C |
| Operating temperature UL, max. | 50 °C | Rated current Imax | 1 A |
| Rated voltage UN | 50 V | | |

### Connection Data

| | | | |
|---|---|---|---|
| Transmission rate | Cat. 5, 100 MBit/s | Number of poles (control side) | 8-pole |
| Connection (field side) | LM2N 3.5mm | Contact material (control side) | Phosphor-bronze 6µ AU |
| Earthing | Yes | Connection on control side | RJ45 plug-in connectors |

### Rating data

| | | | |
|---|---|---|---|
| Rated voltage | 50 V | Rated current per connection | 1 A |
| Total operating current | 1.5 A | | |

### Insulation coordination (EN50178)

| | | | |
|---|---|---|---|
| According to | DIN EN 50178 | Rated insulation voltage | <50 V AC |
| Surge voltage category | III | Pollution severity level | 2 |
| Pulse voltage test (1,2/50µs) | 0.8 kV | Insulation test voltage AC | 0.35 kV |

### Connection field

| | | | |
|---|---|---|---|
| Min. wire cross-section, AWG | AWG 28 | Type of connection | Screw connection |
| Sleeve with plastic collar, max. | 0.75 mm² | Flexible with sleeve, min. | 0.5 mm² |
| Flexible, max. H05(07) V-K | 1.5 mm² | Flexible, min. H05(07) V-K | 0.5 mm² |
| Solid, max. H05(07) V-U | 1.5 mm² | Solid, min. H05(07) V-U | 0.5 mm² |
| Stripping length | 5 mm | Tightening torque, max. | 0.25 Nm |
| Tightening torque, min. | 0.2 Nm | Clamping range, max. | 2.08 mm² |



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## Technical data

| | | | |
|---|---|---|---|
| Clamping range, min. | 0.08 mm² | Max. wire cross-section, AWG | AWG 14 |

### Standard features

| | |
|---|---|
| Design | RJ45 socket connector |

### 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 | | |

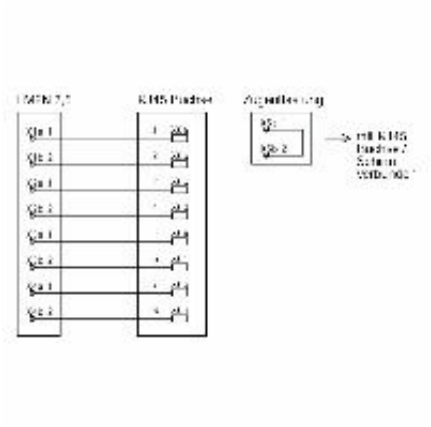


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## Drawings





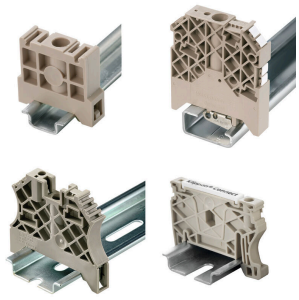
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# Accessories

## 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 | 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

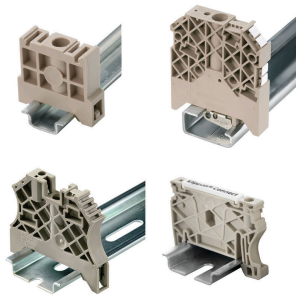


Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

### 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 | |

## 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 | |



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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 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 | |



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