

**RS RJ45**  
**RS RJ45****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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**

|            |   |
|------------|---|
| Type       | RS RJ45   |
| Order No.  | <a href="#">8611320000</a>  |
| Version    | Interface, RS RJ45, RJ45 plug-in connectors, 8-pole, Screw connection |
| GTIN (EAN) | 4032248272419   |
| Qty.       | 10 pc(s).   |

# Data sheet

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# Technical data

### Dimensions and weights

|        |       |            |         |
|--------|-------|------------|---------|
| Length | 30 mm | Width      | 70 mm   |
| Height | 48 mm | Net weight | 33.68 g |

### Temperatures

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

### Connection Data

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

### 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  | 0.35 kVAC |

### Connection field

|                                      |                      |                                      |                      |
|--------------------------------------|----------------------|--------------------------------------|----------------------|
| Type of connection                   | Screw connection     | Clamping range, min.                 | 0.08 mm <sup>2</sup> |
| Clamping range, max.                 | 2.08 mm <sup>2</sup> | Solid, min. H05(07) V-U              | 0.5 mm <sup>2</sup>  |
| Solid, max. H05(07) V-U              | 1.5 mm <sup>2</sup>  | Flexible, min. H05(07) V-K           | 0.5 mm <sup>2</sup>  |
| Flexible, max. H05(07) V-K           | 1.5 mm <sup>2</sup>  | Flexible with sleeve, min.           | 0.5 mm <sup>2</sup>  |
| Sleeve with plastic collar, max.     | 0.75 mm <sup>2</sup> | Min. wire cross-section, AWG [field] | AWG 28               |
| Max. wire cross-section, AWG [field] | AWG 14               | Tightening torque, min.              | 0.2 Nm               |
| Tightening torque, max.              | 0.25 Nm              | Stripping length                     | 5 mm                 |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC001419    | UNSPSC     | 30-21-18-01 |
| eClass 5.1 | 27-24-22-04 | eClass 6.2 | 27-24-22-04 |
| eClass 7.1 | 27-24-22-04 |            |             |

### Product information

|                                 |   |
|---------------------------------|---|
| Descriptive text technical data | Connect shielding of data line to protective earth at one end |
|---------------------------------|---|

### Approvals

Approvals



ROHS Conform

**Data sheet**

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**Drawings**

