

**RS RJ45****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.  | <a href="#">8611320000</a>                                            |
| Type       | RS RJ45                                                               |
| GTIN (EAN) | 4032248272419                                                         |
| Qty.       | 10 pc(s).                                                             |

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## Technical data

## Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 48 mm    | Depth (inches)  | 1.89 inch  |
| Height     | 70 mm    | Height (inches) | 2.756 inch |
| Width      | 30 mm    | Width (inches)  | 1.181 inch |
| Net weight | 34.879 g |                 |            |

## Temperatures

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

## Connection Data

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

## 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

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

## Approvals

Approvals



|                         |         |
|-------------------------|---------|
| ROHS                    | Conform |
| Certificate No. (cURus) | E141197 |

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## Technical data

### Downloads

|                                             |                                                                                                                                              |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a>                                                                                                    |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                                              |
| Engineering Data                            | <a href="#">WSCAD</a>                                                                                                                        |
| Product Change Notification                 | <a href="#">20200928 Technical change to RS RJ45</a><br><a href="#">20200929 Technical change to RSX LOETST. LP, RSD and RSD AK families</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                     |

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[www.weidmueller.com](http://www.weidmueller.com)**Drawings**