

RS RJ45
RS RJ45**Weidmüller Interface GmbH & Co. KG**
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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. | 8611320000 |
| Version | Interface, RS RJ45, RJ45 plug-in connectors, 8-pole, Screw connection |
| GTIN (EAN) | 4032248272419 |
| Qty. | 10 pc(s). |

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Technische Daten

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Length | 30 mm | Length (inches) | 1.181 inch |
| Width | 70 mm | Width (inches) | 2.756 inch |
| Height | 48 mm | Height (inches) | 1.89 inch |
| 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 | Insulation test voltage | 0.35 |

Connection field

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

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001419 | ETIM 4.0 | EC001421 |
| ETIM 5.0 | EC001421 | ETIM 6.0 | EC002780 |
| UNSPSC | 30-21-18-01 | eClass 5.1 | 27-24-22-04 |
| eClass 6.2 | 27-24-22-04 | eClass 7.1 | 27-14-11-52 |
| eClass 8.1 | 27-14-11-52 | eClass 9.0 | 27-14-11-52 |
| eClass 9.1 | 27-14-11-52 | | |

Product information

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

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Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[K321_01_11.pdf](#)

Engineering Data

[WSCAD](#)

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Zeichnungen

