

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

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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Technical data

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of
Conformity

[K321_01_11.pdf](#)

Engineering Data

[WSCAD](#)

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Drawings

