

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 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
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Connection Data

Connection (field side)	LM2N 3.5mm	Connection on control side	RJ45 plug-in connectors
Contact material (control side)	Phosphor-bronze 6μ 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 AC	0.35 kV

Connection field

Clamping range, max.	2.08 mm ²	Clamping range, min.	0.08 mm ²
Flexible with sleeve, min.	0.5 mm ²	Flexible, max. H05(07) V-K	1.5 mm ²
Flexible, min. H05(07) V-K	0.5 mm ²	Max. wire cross-section, AWG	AWG 14
Min. wire cross-section, AWG	AWG 28	Sleeve with plastic collar, max.	0.75 mm ²
Solid, max. H05(07) V-U	1.5 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
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	ETIM 9.0	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	ECLASS 13.0	27-14-11-52

Approvals

Approvals



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

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Technical data

Downloads

Approval/Certificate/Document of Conformity

[Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20200928 Technical change to RS RJ45](#)

[20200929 Technical change to RSX LOETST. LP, RSD and RSD AK families](#)

Catalogues

[Catalogues in PDF-format](#)

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www.weidmueller.com**Drawings**