

**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.	<a href="#">8611320000</a>
Type	RS RJ45
GTIN (EAN)	4032248272419
Qty.	10 pc(s).

## RS RJ45

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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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## Rated data UL

Operating temperature UL, max.	50 °C	Operating temperature UL, min.	-25 °C
Rated current $I_N$	1 A	Rated current $I_{max}$	1 A
Rated voltage $U_N$	50 V		

## 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 (1,2/50 $\mu$ s)	0.8 kV	Insulation test voltage AC	0.35 kV

## 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	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
ECLASS 14.0	27-14-11-52		

**Data sheet**

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**Technical data**

**Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

**Approvals**

Approvals



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

**Downloads**

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

**Data sheet**

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**Drawings**

