

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

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

Temperatures

Storage temperature	-40...70 °C	Operating temperature	0...55 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E141197
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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	0.35 kVAC

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
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

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Approvals



ROHS	Conform
UL File Number Search	E141197

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	WSCAD
Product Change Notification	20200928 Technical change to RS RJ45 20200929 Technical change to RSX LOETST. LP, RSD and RSD AK families

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