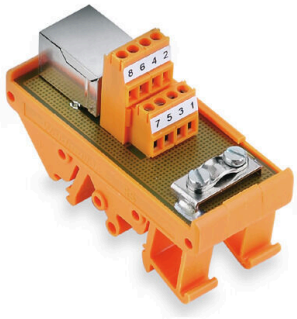
Data sheet

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 items

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Technical data

Approvals

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

Dimensions and weights

Depth	48 mm	Depth (inches)	1.8898 inch
Height	70 mm	Height (inches)	2.7559 inch
Width	30 mm	Width (inches)	1.1811 inch
Net weight	34.88 g		

Temperatures

Storage temperature	-40...70 °C	Operating temperature	0...55 °C

Environmental Product Compliance

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

Rated data UL

Rated current IN	1 A	Operating temperature UL, min.	-25 °C
Operating temperature UL, max.	50 °C	Rated current Imax	1 A
Rated voltage UN	50 V		

Connection Data

Transmission rate	Cat. 5, 100 MBit/s	Number of poles (control side)	8-pole
Connection (field side)	LM2N 3.5mm	Contact material (control side)	Phosphor-bronze 6µ AU
Earthing	Yes	Connection on control side	RJ45 plug-in connectors

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

Min. wire cross-section, AWG	AWG 28	Type of connection	Screw connection
Sleeve with plastic collar, max.	0.75 mm²	Flexible with sleeve, min.	0.5 mm²
Flexible, max. H05(07) V-K	1.5 mm²	Flexible, min. H05(07) V-K	0.5 mm²
Solid, max. H05(07) V-U	1.5 mm²	Solid, min. H05(07) V-U	0.5 mm²
Stripping length	5 mm	Tightening torque, max.	0.25 Nm
Tightening torque, min.	0.2 Nm	Clamping range, max.	2.08 mm²

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Clamping range, min.	0.08 mm²	Max. wire cross-section, AWG	AWG 14

Standard features

Design	RJ45 socket connector

Classifications

ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

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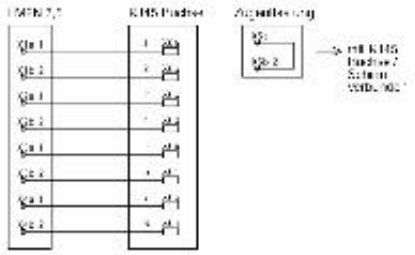
Drawings



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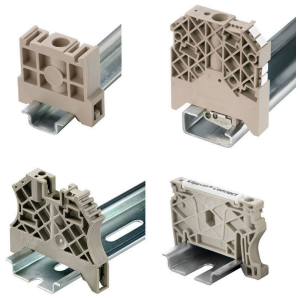
Accessories

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	EWK 2	Version
Order No.	0199360000	End bracket, beige, TS 32, V-0, Wemid, Width: 15 mm, 100 °C
GTIN (EAN)	4008190023546	
Qty.	50 ST	

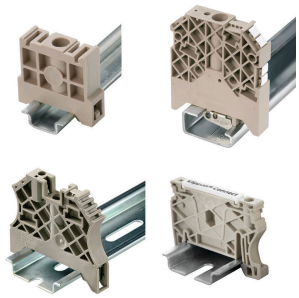
Steel

Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

General ordering data

Type	TS 35X7.5 2M/ST/ZN	Version
Order No.	0383400000	Terminal rail, Accessories, Steel, galvanic zinc plated and passivated,
GTIN (EAN)	4008190088026	Width: 2000 mm, Height: 35 mm, Depth: 7.5 mm
Qty.	40 M	

End bracket



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General ordering data

Type	EW 35	Version
Order No.	0383560000	End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C
GTIN (EAN)	4008190181314	
Qty.	50 ST	

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Accessories

Steel

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General ordering data

Type	TS 35X15/2.3 2M/ST/ZN	Version
Order No.	0498000000	Terminal rail, Accessories, Steel, galvanic zinc plated and passivated,
GTIN (EAN)	4008190042493	Width: 2000 mm, Height: 35 mm, Depth: 15 mm
Qty.	20 M	