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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**RS RJ45**  
**RS RJ45****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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**

Type	RS RJ45
Order No.	<a href="#">8611320000</a>
Version	Interface, RS RJ45, RJ45 plug-in connectors, 8-pole, Screw connection
GTIN (EAN)	4032248272419
Qty.	10 pc(s).

# Data sheet

## RS RJ45 RS RJ45

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# Technical data

### Dimensions and weights

Length	30 mm	Width	70 mm
Height	48 mm	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 <sup>2</sup>
Clamping range, max.	2.08 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.5 mm <sup>2</sup>
Sleeve with plastic collar, max.	0.75 mm <sup>2</sup>	Min. wire cross-section, AWG [field]	AWG 28
Max. wire cross-section, AWG [field]	AWG 14	Tightening torque, min.	0.2 Nm
Tightening torque, max.	0.25 Nm	Stripping length	5 mm

### Classifications

ETIM 3.0	EC001419	UNSPSC	30-21-18-01
eClass 5.1	27-24-22-04	eClass 6.2	27-24-22-04
eClass 7.1	27-24-22-04		

### Product information

Descriptive text technical data	Connect shielding of data line to protective earth at one end
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### Approvals

Approvals



ROHS Conform

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**Drawings**

