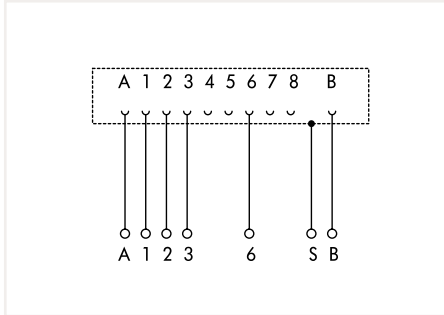
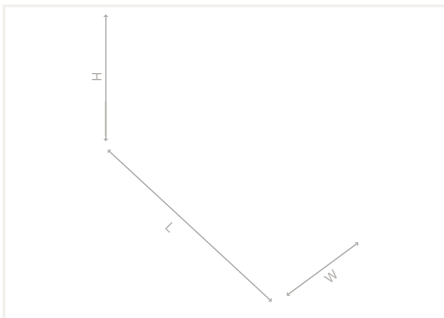


## Interface Module for RJ-45 Connector; with Power Contacts 289 Series



Interface Module; RJ-45; with power contacts; PCB terminal blocks; Cat. 5; with mounting carrier; with shield connection; with shield clamping saddle

Item No.	Pack. Unit
289-178	1



### Electrical Data

Operating voltage	≤ 35 VAC; ≤ 50 VDC
Nominal current	2.1 A
Contact resistance (typ.)	40 mΩ
Insulation resistance	> 500 MΩ
Transmission length (max.)	100 m
Connection cable	Min. Cat. 5
WAGO Shield Clamping Saddle	11 mm wide; cable diameter up to 8 mm

### Safety and Protection

Dielectric strength (contact/contact)	1 kV <sub>rms</sub>
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### Connection Data

Connection type 1	System
Connector 1	RJ-45 (shielded); with two additional power contacts
Connection type 2	System
Connection technology 2	CAGE CLAMP®
Solid conductor 2	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor 2	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 14 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inch
Mating cycles	1000

### Physical Data

Width	30 mm / 1.181 inch
Height from upper-edge of DIN-rail	67 mm / 2.638 inch
Depth	85 mm / 3.346 inch

### Mechanical Data

Mounting type	DIN-35 rail
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### Material Data

Weight	51.7 g
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### Environmental Requirements

Surrounding air temperature (operation)	-40 ... +85 °C (Actuation: -35 ... +85 °C)
Surrounding air temperature (storage)	-40 ... +85 °C
Relative humidity	≤ 85 % (non-condensing)

### Accessories



Marking strip; for mounting carrier; 7.5 mm wide; 50 m reel

Item No.	Pack. Unit
709-178	1