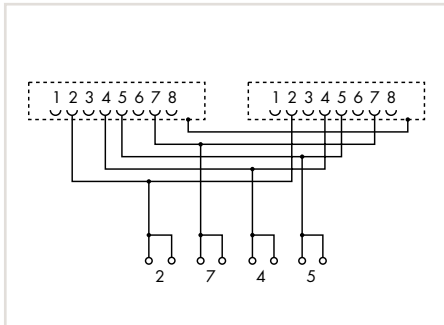
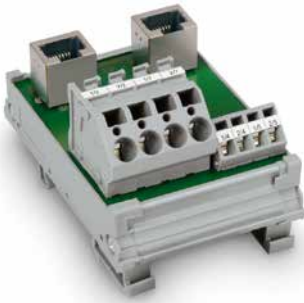


Interface Module for Current Sensors 289 Series



Interface Module; with RJ-45 connector

Item No.	Pack. Unit
289-965	1

Short description:

Compatible on the field side with the 789-620, 789-621 and 789-622 Current Sensors.

Required terminal assignment:

- 2: + Supply
- 7: - Supply
- 4: D+
- 5: D-

General Specifications

Current load	1.5 A
Contact resistance (typ.)	20 mΩ
Connection cable	RJ-45 cable assembly (recommended: UTP)

Safety and Protection

Dielectric strength, contact/contact	0.5 kVrms
Insulation resistance	> 500 MΩ

Connection Data

Connection type 1	Connector
Connection type 2	Clamping units 2, 7
Connection technology 2	CAGE CLAMP®
WAGO Connector 2	WAGO 236 Series
Solid conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inch
Connection type 3	Clamping units 4, 5
Connection technology 3	CAGE CLAMP®
WAGO Connector 3	WAGO 745 Series
Solid conductor 3	0.2 ... 6 mm ² / 24 ... 10 AWG
Fine-stranded conductor 3	0.2 ... 6 mm ² / 24 ... 10 AWG
Strip length 3	11 ... 12 mm / 0.43 ... 0.47 inch
Note (conductor cross section)	12 AWG: THHN, THWN
Connector	RJ-45; shielded
Mating cycles (min.)	500

Geometric Data

Width	58 mm / 2.283 in
Height from upper-edge of DIN-rail	40 mm / 1.575 in
Depth	85 mm / 3.346 in

Mechanical Data

Mounting type	DIN-35 rail
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Material Data

Weight	70 g
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Environmental Requirements

Surrounding air temperature (operation)	-20 ... +85 °C
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