



RoHS Compliant

### Item description

#### 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-

### Data

#### Electrical data

Nominal current	1.5 A
Contact resistance (typ.)	20 mΩ



Insulation resistance	≥ 500 MΩ
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### Safety and protection:

Dielectric strength contact-contact (AC, 1 min)	0.5 kV <sub>rms</sub>
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### Connection data

No. of poles	4
Connection type (1)	System
No. of poles	4
Pluggable connector	2 x RJ-45 shielded
Connection type (2)	Clamping units 2, 7
No. of poles 2	2
Design 2	PCB terminal blocks
Connection technology 2	CAGE CLAMP®
WAGO terminal 2	WAGO 236 Series
Solid conductor (2)	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor (2)	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length (2)	5 ... 6 mm / 0.2 ... 0.24 Inch
Connection type (3)	Clamping units 4, 5
No. of poles 3	2
Design 3	PCB terminal blocks
Connection technology 3	CAGE CLAMP®
WAGO terminal 3	WAGO 745 Series
Solid conductor (3)	0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG
Fine-stranded conductor (3)	0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG
Strip length (3)	11 ... 12 mm / 0.43 ... 0.47 Inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating cycles	500
Connecting cable	assembled RJ-45 cable (recommended: UTP)

### Geometrical Data

Width	58 mm / 2.283 inch
Height from upper-edge of DIN-35 rail	40 mm / 1.575 inch
Depth	85 mm / 3.346 inch

### Mechanical data

Type of mounting	DIN-35 rail
Housing design	Mounting carrier



## Material Data

Fire load	1.15 MJ
Weight	70 g

## Environmental Requirements

Surrounding air (operating) temperature	-20 ... 85 °C
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## Commercial data

Country of origin	DE
GTIN	4045454830038
Customs Tariff No.	85369010000
Product Group	6 (Interface Electronics)

## Downloads

### Documentation

#### Bid Text

289-965	Mar 9, 2016	DOC	Download
RJ-45-Anschlussmodul für Stromsensormodule		25.6 kB	

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018		Download
		265.8 kB	

## smartDATA

### CAD data

3D Download 289-965		URL	Download
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Subject to changes.