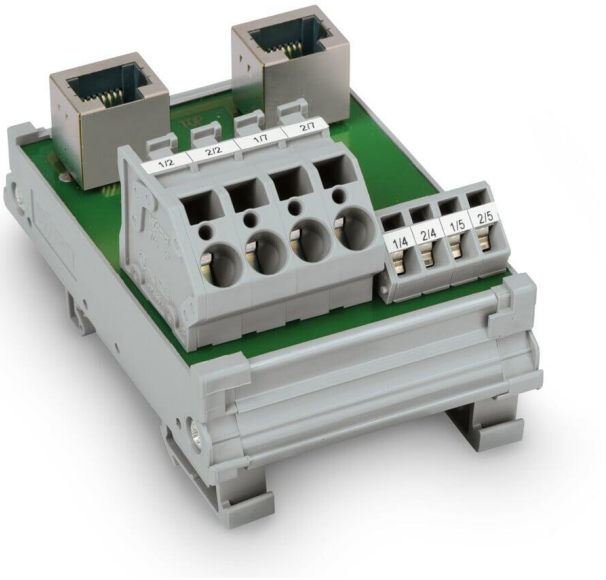
Data sheet | Item number: 289-966

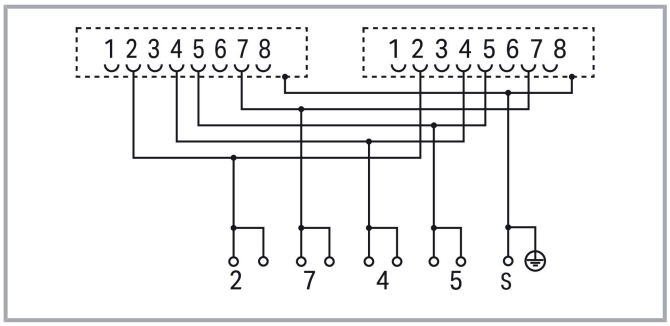
Interface module; 2xRJ-45; PCB terminal blocks, double-row; in mounting carrier; with shield connection

www.wago.com/289-966



Picture differs from the item.

Similar to picture



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-

Direct shield connection to the DIN-rail via shield grounding foot

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
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Data

Electrical data

Nominal current	1.5 A
Insulation resistance	≥ 500 MΩ
Specialty functions	with shield connection With shield clamping saddle

Safety and protection

Dielectric strength (contact/contact) (AC, 1 min)	0.5 kV_{rms}

Connection data

Mating cycles	500
Connection cable	Shielded RJ-45 cable assembly (recommended: UTP, STP)
WAGO shield clamping saddle	27 mm wide; cable diameter up to 24 mm

Connection 1

Pluggable connector	2 x RJ-45 (shielded)
Pole number 1	8
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN

Connection 2

Design 2	PCB terminal blocks
Pole number (2)	8
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 mm² / 28 … 12 AWG
Fine-stranded conductor 2	0.08 … 2.5 mm² / 28 … 12 AWG
Strip length 2	5 … 6 mm / 0.2 … 0.24 inches

Connection 3

Design 3	PCB terminal blocks
Pole number (3)	4

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Connection type 3	Clamping units 4, 5
Connection technology 3	CAGE CLAMP®
WAGO connector 3	WAGO 745 Series
Solid conductor 3	0.2 … 6 mm² / 24 … 10 AWG
Fine-stranded conductor 3	0.2 … 6 mm² / 24 … 10 AWG
Strip length 3	11 … 12 mm / 0.43 … 0.47 inches

Physical data

Width	69 mm / 2.717 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	40 mm / 1.575 inches

Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier
Mating cycles	500

Material data

Fire load	1.129 MJ
Weight	106.9 g

Environmental requirements

Ambient temperature (operation)	-20 … +85 °C

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-44-03-02
eCl@ss 9.0	27-44-03-02
ETIM 9.0	EC001132
ETIM 8.0	EC001132
ECCN	NO DATA
PU (SPU)	5 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4050821001218
Customs tariff number	85366990990

Subject to changes. Please also observe the further product documentation!

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Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Downloads

Documentation

Bid Text

289-966 docx - Datei	Feb 20, 2019	docx 15.6 kB	Download
289-966 X81 - Datei	Feb 19, 2019	xml 4.2 kB	Download

Instruction Leaflet

		pdf 1.3 MB	Download

Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 Aug 18, 2022	pdf 2.2 MB	Download

CAD/CAE-Data

CAE data

WSCAD Universe 289-966	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-966 Interface module; 2xRJ-45; PCB terminal blocks, double-row; in mounting carrier; with shield connection	URL	Download

Installation Notes

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