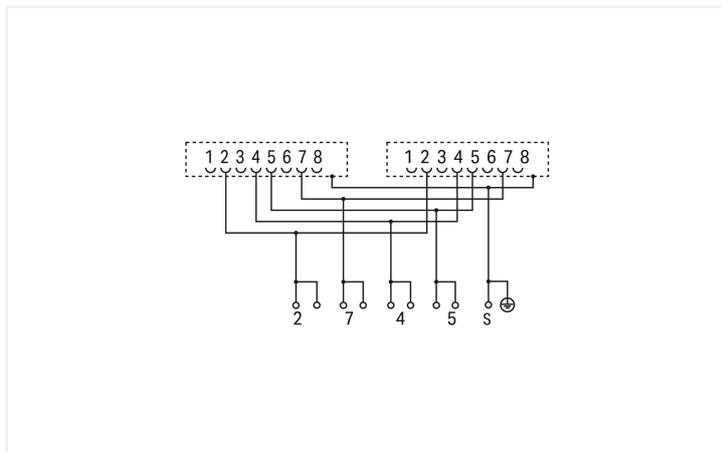


## Data Sheet | Item Number: 289-966

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

<https://www.wago.com/289-966>



Similar to illustration

### 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

### Electrical data

Nominal current	1.5 A
Insulation resistance	$\geq 500 \text{ M}\Omega$
Specialty functions	With shield connection With shield clamping saddle

### Safety and protection

Dielectric strength (contact/contact) (AC, 1 min)	0.5 kVrms
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### 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 Shielded RJ-45
Pole number 1	8
Connection type	System
Note (conductor cross-section)	12 AWG: THHN, THWN

### Connection 2

Design	PCB terminal blocks
Pole number	8
Connection type	Clamping units 2, 7
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 236 Series
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

### Connection 3

Design	PCB terminal blocks
Pole number	4
Connection type	Clamping units 4, 5
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 745 Series
Solid conductor	0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG
Fine-stranded conductor	0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG
Strip length	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	0.849 MJ
Weight	106.9 g

### Environmental requirements

Ambient temperature (operation)	-20 ... +85 °C
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### Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	5 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821001218
Customs tariff number	85366990990

### Product Classification

UNSPSC	39121402
eCl@ss 10.0	27-44-03-02
eCl@ss 9.0	27-44-03-02
ETIM 9.0	EC001132
ETIM 10.0	EC001132
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

## Downloads

### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 289-966	<a href="#">↓</a>

## Documentation

Bid Text			
289-966	19.02.2019	xml 4.11 KB	<a href="#">↓</a>
289-966	20.02.2019	docx 15.28 KB	<a href="#">↓</a>

Instruction Leaflet			
Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	<a href="#">↓</a>

## CAD/CAE-Data

CAE data	
WSCAD Universe 289-966	<a href="#">↓</a>