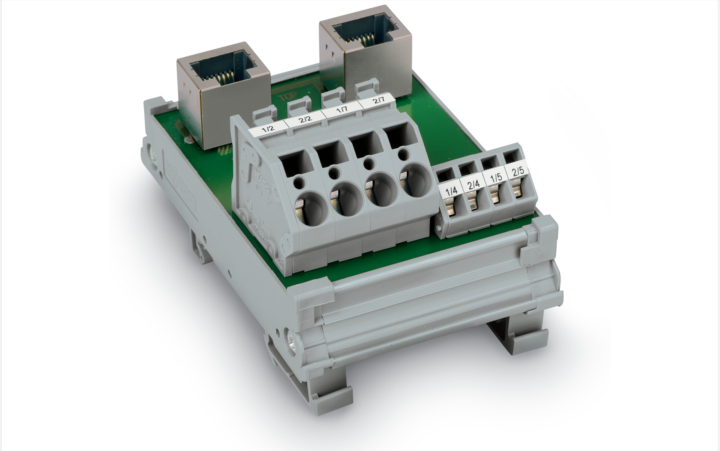
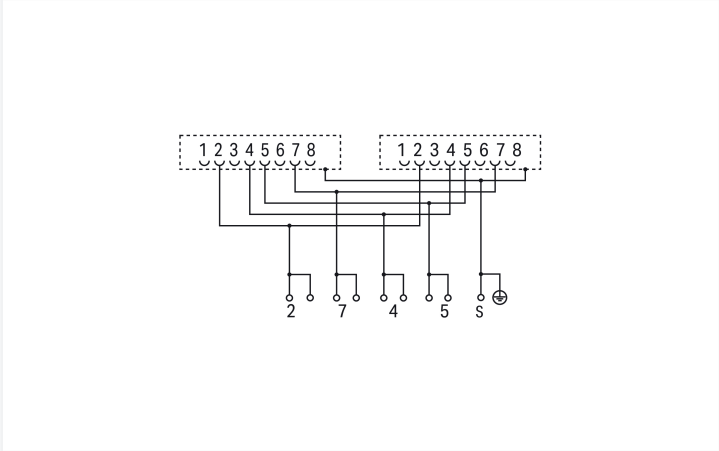
Data Sheet | Item Number: 289-966

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	≥ 500 MΩ
Specialty functions	With shield connection With shield clamping saddle

Safety and protection

Dielectric strength (contact/contact) (AC, 1 min)	0.5 kVrms

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

Downloaded from Arrow.com.

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 mm² / 28 … 12 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 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 mm² / 24 … 10 AWG
Fine-stranded conductor	0.2 … 6 mm² / 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	0.809 MJ
Weight	106.9 g

Environmental requirements

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

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	EC002780
ECCN	NO US CLASSIFICATION

Downloaded from Arrow.com.

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-966

Documentation

Bid Text

289-966	19.02.2019	xml 4.11 KB
289-966	20.02.2019	docx 15.28 KB

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB

CAD/CAE-Data

CAE data

WSCAD Universe 289-966

Downloaded from Arrow.com.