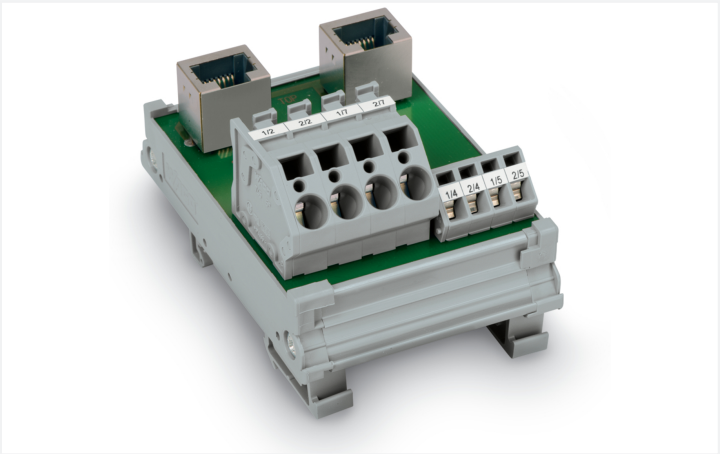
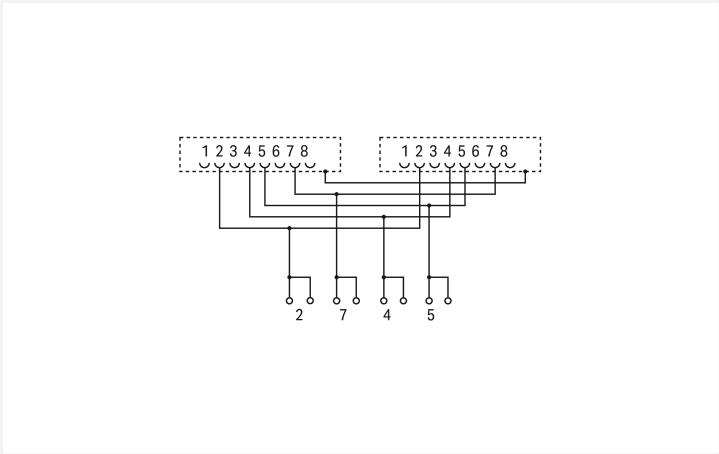
Data Sheet | Item Number: 289-965

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

https://www.wago.com/289-965





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-

Electrical data

Nominal current	1.5 A
Insulation resistance	≥ 500 MΩ

Safety and protection

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

Connection Data

Mating cycles	500
Connection Cable	RJ-45 cable assembly (recommended: UTP)

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 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

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Physical data

Width	58 mm / 2.283 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	45 mm / 1.772 inches

Mechanical data

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

Material data

Fire load	0.718 MJ
Weight	70 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	4045454830038
Customs tariff number	85366990990

Product Classification

UNSPSC	39121421
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

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

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Documentation

Bid Text

289-965	19.02.2019	xml 3.89 KB	
289-965	04.03.2019	docx 14.75 KB	

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	

CAD/CAE-Data

CAD data

2D/3D Models 289-965

CAE data

WSCAD Universe
289-965

ZUKEN Portal 289-965

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