

Data sheet | Item number: 289-966

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

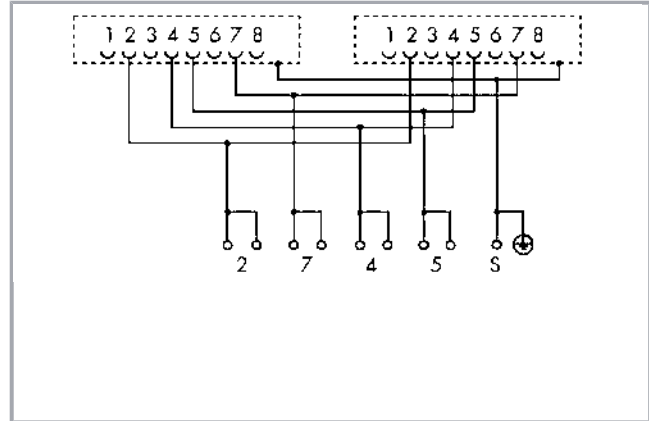
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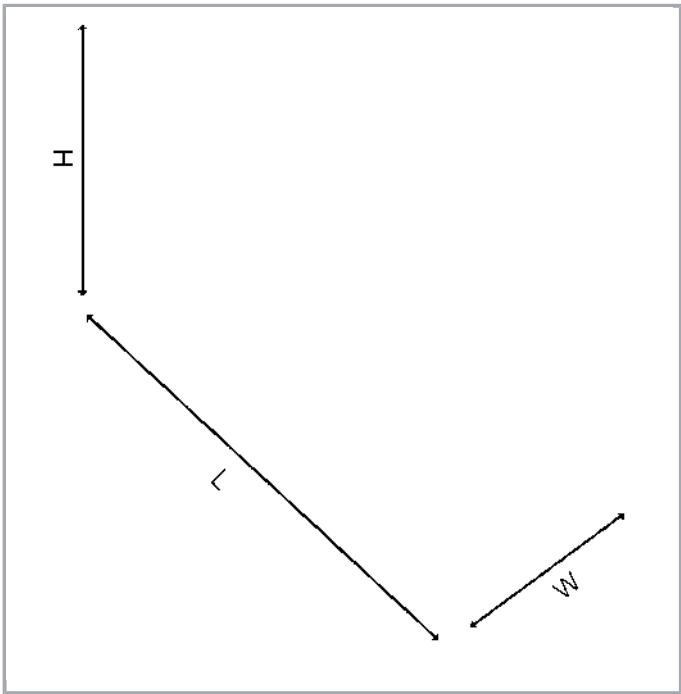
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Subject to changes. Please also observe the further product documentation!

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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

Data

Electrical Data

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

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Safety and protection:

Dielectric strength contact-contact (AC, 1 min)	0.5
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Connection data

Connection type (1)	System
No. of poles	8
Pluggable connector	2 x RJ-45 (shielded)
Connection type (2)	Clamping units 2, 7
No. of poles 2	8
Design 2	PCB terminal blocks
Connection technology 2	CAGE CLAMP®
WAGO terminal 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 inch
Connection type (3)	Clamping units 4, 5
No. of poles 3	4
Design 3	PCB terminal blocks
Connection technology 3	CAGE CLAMP®
WAGO terminal 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 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating cycles	500
Connecting cable	Shielded RJ-45 cable assembly (recommended: UTP, STP)
WAGO shield (screen) clamping saddle	27 mm wide; cable diameter up to 24 mm

Geometrical Data

Width	69 mm / 2.717 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

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Material Data

Fire load	1.153 MJ
Weight	106.9 g

Environmental Requirements

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

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4050821001218
Customs Tariff No.	85369010000

Counterpart

Downloads

Documentation

Bid Text

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

Instruction Leaflet

		pdf 1.3 MB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD/CAE-Data

CAE data

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Installation Notes

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