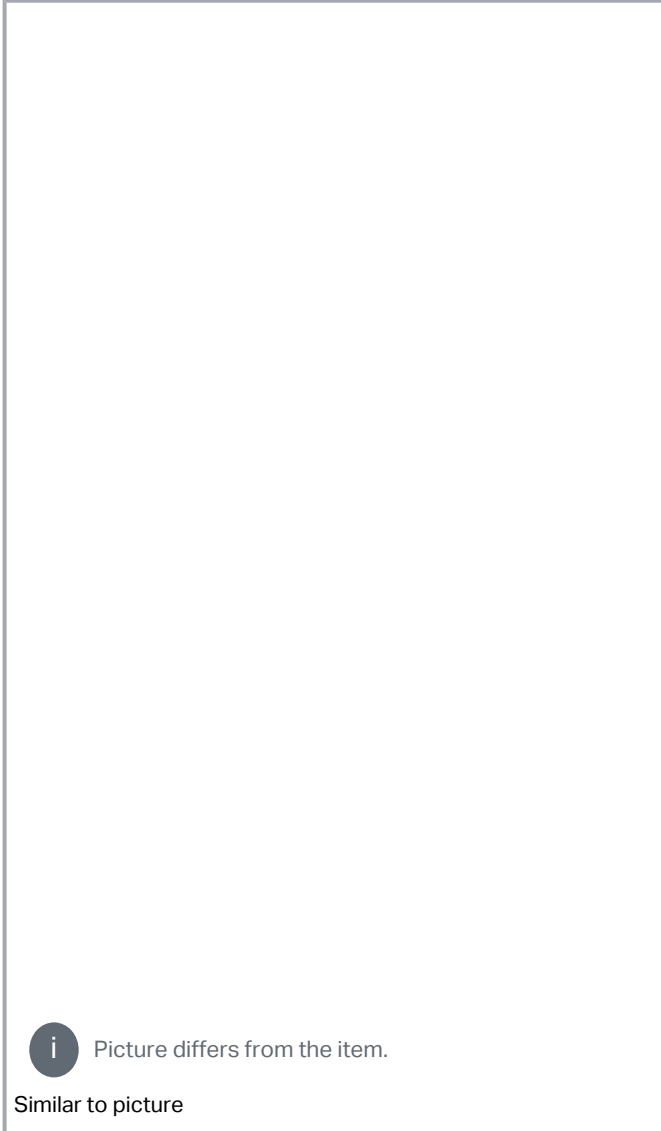


Data sheet | Item number: 289-458

Interface module; with solder pin; Female connector; 37-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; 2,50 mm²



www.wago.com/289-458



Data

Electrical data

Operating voltage	≤30 VAC; ≤50 VDC
Nominal current	1 A

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

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Contact resistance (max.)	30 mΩ
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Safety and protection

Rated voltage	50 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP00; Notice! Live parts can be easily touched! Protection against direct contact must be provided by the equipment manufacturer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be observed for each individual application.
Insulation type	Basic insulation

Connection data

Performance level	2 / 200 mating cycles
Strain relief	UNC 4-40 stud bolt

Connection 1

Connector	D-subminiature female connector
Pole number 1	37
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2

Design 2	PCB terminal blocks (double-row)
Pole number 2	37
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data

Width	120 mm / 4.724 inches
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Subject to changes. Please also observe the further product documentation!



Height	63.5 mm / 2.5 inches
Depth from upper-edge of DIN-rail	19 mm / 0.748 inches

Mechanical Data

Mounting type	DIN-35 rail
Housing design	PCB with mounting feet

Material Data

Contact material (connector)	Au over Ni
Fire load	0.081 MJ
Weight	79.3 g

Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	85% (non-condensing)

Standards and specifications

Standards/specifications	EN 61010-2-201
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 8.0	EC002780
ETIM 7.0	EC002780
Recupel Type	
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454480479
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Subject to changes. Please also observe the further product documentation!



Optional accessories

Mounting

Cover carrier			
Item no.: 709-167	Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray	www.wago.com/709-167	
Cover			
Item no.: 709-153	Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent	www.wago.com/709-153	
Tool			
Operating tool			
Item no.: 210-720	Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-720	

Downloads

Documentation

Bid Text

289-458	2015 年2月6日	doc	Download
doc - Datei		26.6 kB	

Instruction Leaflet

		pdf	Download
		1.3 MB	

Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 年8月18日	2.2 MB	

CAD/CAE-Data

CAE data

WSCAD Universe 289-458		URL	Download
ZUKEN Portal 289-458		URL	Download
EPLAN Data Portal 289-458		URL	Download

CAD data

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-458

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Interface module; with solder pin; Female connector; 37-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; 2,50 mm²

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

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

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