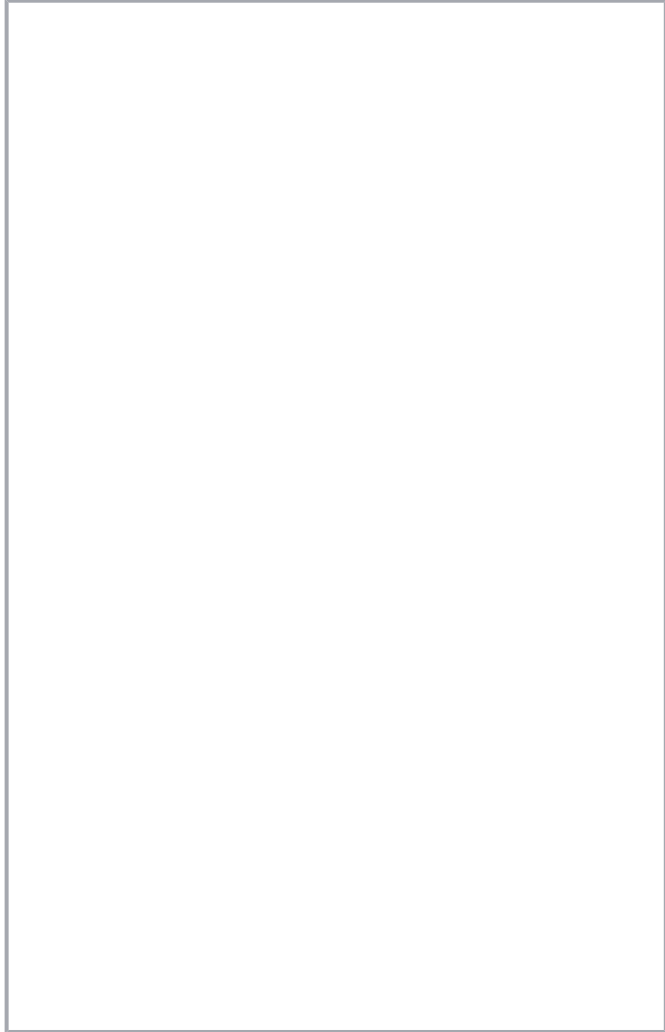
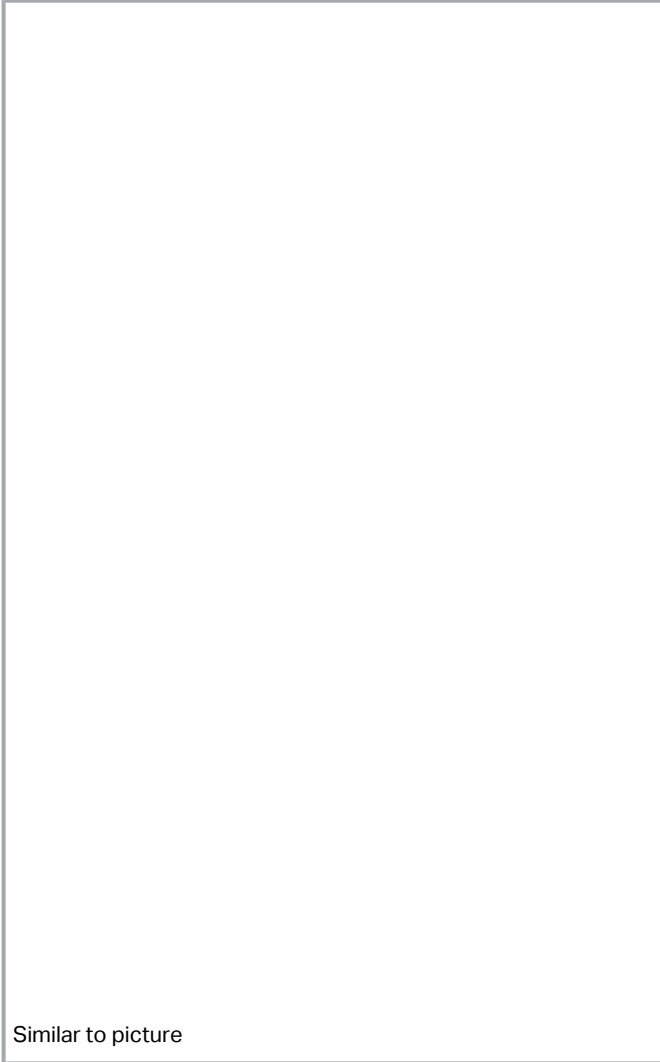


Data sheet | Item number: 289-621

Interface module; with solder pin; Male connector; 37-pole; Mating connector with solder connection; Vertical mounting; Triple-deck PCB terminal blocks; in mounting carrier; with shield connection; 2,50 mm²



www.wago.com/289-621



Similar to picture

Data

Electrical data

Operating voltage	≤ AC/DC 125 V
Nominal current	2 A
Contact resistance (max.)	30 mΩ
Specialty functions	with shield connection

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

WAGO GmbH & Co. KG
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Email: info.de@wago.com | Web: www.wago.com

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Safety and protection

Rated voltage	125 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.
Dielectric strength (channel/channel) (AC, 1 min.)	1.3 kV _{rms}
Insulation type	Functional insulation

Connection data

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

Connection 1

Connector	D-subminiature male 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 (triple-deck)
Pole number 2	39
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 737 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	74 mm / 2.913 inches
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Subject to changes. Please also observe the further product documentation!



Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	62 mm / 2.441 inches

Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

Material Data

Contact material (connector)	Au over Ni
Fire load	1.203 MJ
Weight	121.2 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
PU (SPU)	3 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454366995
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

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General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122/19
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.2 Sec. 1

Optional accessories

Marking accessories

Marking strip		
Item no.: 709-196	Marking strips; for laser printer; translucent	www.wago.com/709-196
Item no.: 709-178	Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	www.wago.com/709-178
Item no.: 709-177	Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	www.wago.com/709-177

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

289-621 X81 - Datei	2019 年2月19 日	xml 3.7 kB	Download
289-621 doc - Datei	2015 年2月6 日	doc 27.1 kB	Download

Instruction Leaflet

pdf
1.3 MB

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Additional Information

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CAD/CAE-Data

CAD data

2D/3D Models 289-621	URL	Download
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CAE data

WSCAD Universe 289-621	URL	Download
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ZUKEN Portal 289-621	URL	Download
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EPLAN Data Portal 289-621	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-621	URL	Download
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Interface module; with solder pin; Male connector; 37-pole; Mating connector with solder connection; Vertical mounting; Triple-deck PCB terminal blocks; in mounting carrier; with shield connection; 2,50 mm²

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation

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



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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