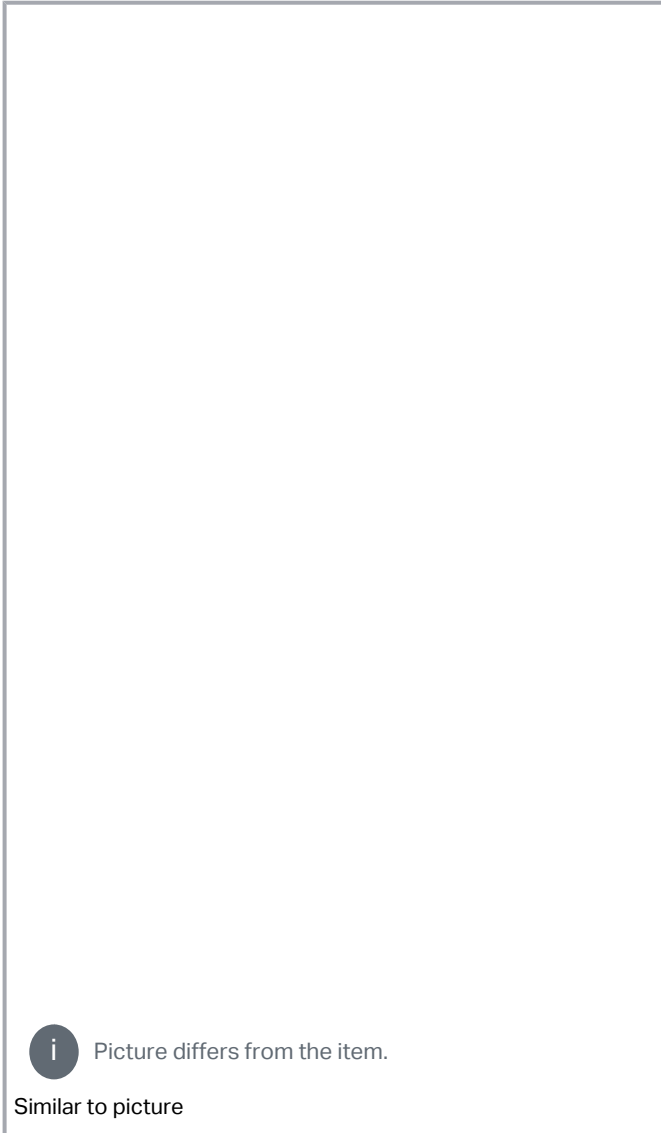


Data sheet | Item number: 289-617

Interface module; Pluggable connector per DIN 41651; 40-pole; PCB terminal blocks, triple-row; in mounting carrier; 2,50 mm²



www.wago.com/289-617



Data

Electrical data

Operating voltage

≤ AC/DC 125 V

≤ AC 100 V; ≤ DC 125 V

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

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Nominal current	1 A
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Safety and protection

Rated voltage	125 V 100 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.
Protection type	IP20
Dielectric strength (channel/channel) (AC, 1 min.)	1.3 kV _{rms}
Insulation type	Functional insulation

Connection data

Pole number	40
Connection type 1	System
Connector	DIN 41651 male connector
Mating direction	vertical
Conductor diameter	28 ... 12 AWG
Connection type 2	Field
Pole number 2	40
Design 2	PCB terminal blocks (triple-deck)
Connection technology 2	CAGE CLAMP®
WAGO connector 2	
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
Conductor diameter 2	28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	3 / 50 mating cycles

Connection 1

Connector	DIN 41651 connector; male connector
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Subject to changes. Please also observe the further product documentation!



Pole number 1	40
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	40
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 74 mm / 2.913 inch
Height	85 mm / 3.346 inches 85 mm / 3.346 inch
Depth from upper-edge of DIN-rail	62 mm / 2.441 inches 62 mm / 2.441 inch

Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

Material Data

Contact material (connector)	Au over Ni Au over Ni
Fire load	1.203 MJ 0.927 MJ
Weight	114 g

Environmental requirements

Ambient temperature (operation)	-20 ... +55 °C -20 ... 55 °C
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Subject to changes. Please also observe the further product documentation!



Ambient temperature (storage)	-40 ... +70 °C -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)	4 (1) pcs 4 (1) Stück
Packaging type	box
Country of origin	DE
GTIN	4045454353612
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122 /19

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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

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Optional accessories

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

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

Downloads

Documentation

Bid Text

289-617 X81 - Datei	2019 年2月19日	xml 3.5 kB	Download
289-617 doc - Datei	2015 年2月9日	doc 26.1 kB	Download

Instruction Leaflet

pdf
1.3 MB
Download

Additional Information

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

CAD data

2D/3D Models 289-617	URL	Download
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CAE data

EPLAN Data Portal 289-617

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

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	URL	Download
ZUKEN Portal 289-617	URL	Download
WSCAD Universe 289-617	URL	Download

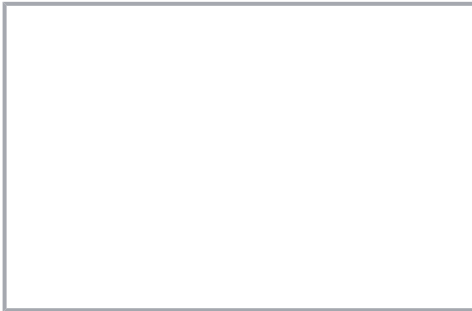
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-617	URL	Download
Interface module; Pluggable connector per DIN 41651; 40-pole; PCB terminal blocks, triple-row; in mounting carrier; 2,50 mm ²		

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry

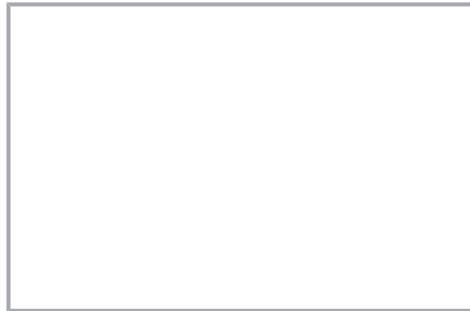


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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