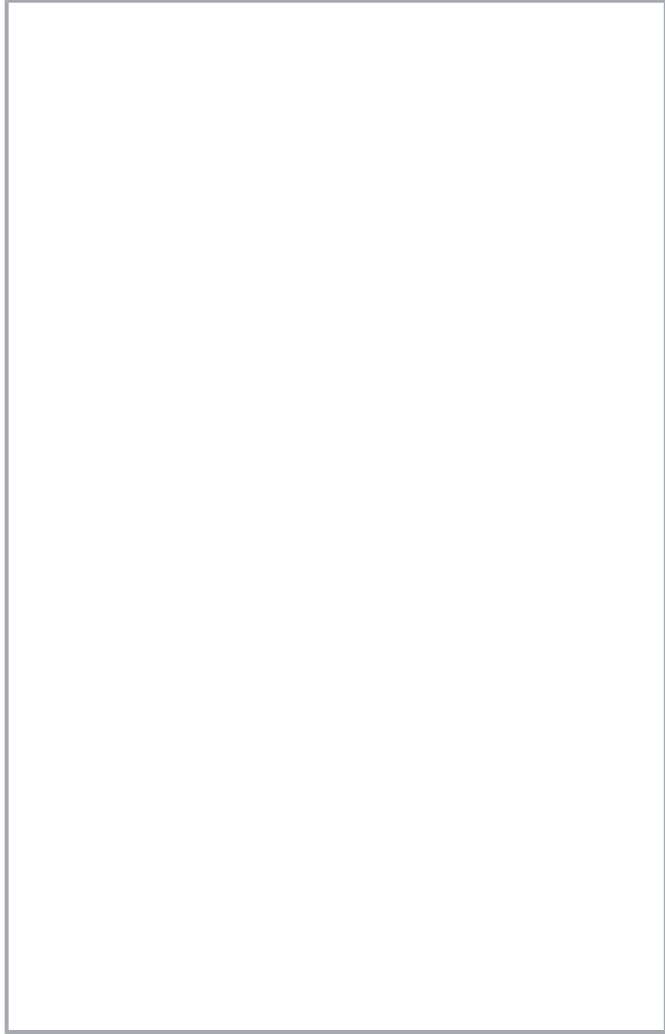
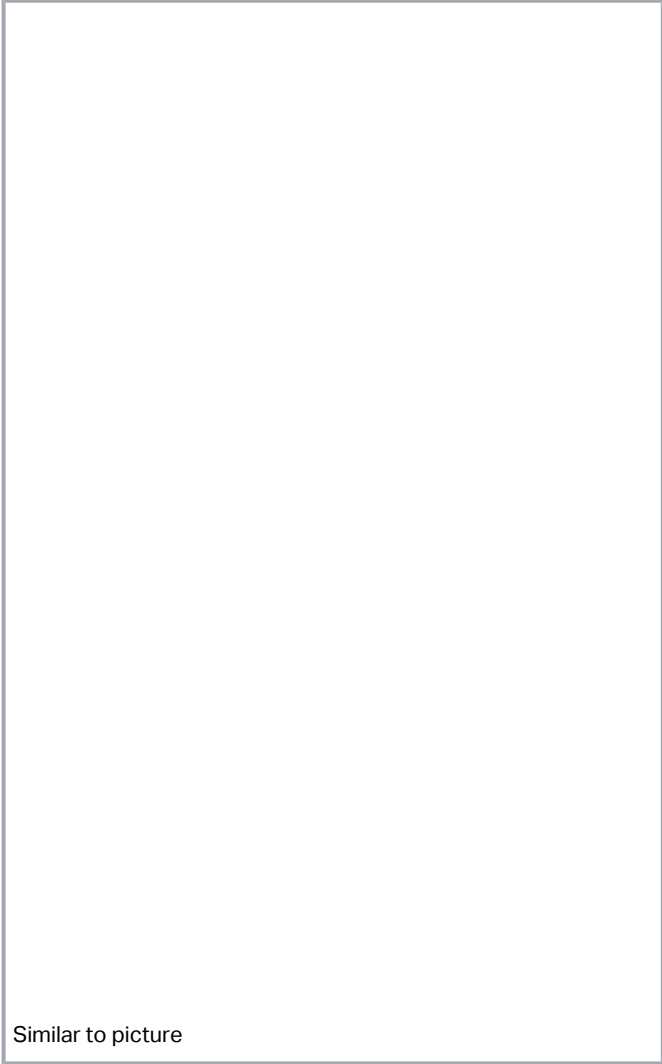


**Data sheet | Item number: 289-616**

Interface module; Pluggable connector per DIN 41651; 34-pole; Triple-deck  
PCB terminal blocks; in mounting carrier; 2,50 mm<sup>2</sup>



[www.wago.com/289-616](http://www.wago.com/289-616)



**Data**

**Electrical data**

Operating voltage	≤ AC/DC 125 V
Nominal current	1 A

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

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Safety and protection

Rated voltage	125 V
Pollution degree	2
Protection type	IP00; <b>Notice!</b> 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 <sub>rms</sub>
Insulation type	Functional insulation

## Connection data

Performance level	3 / 50 mating cycles
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### Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	34
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	34
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 737 Series
Solid conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

## Physical data

Width	65 mm / 2.559 inches
Height	85 mm / 3.346 inches

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Depth from upper-edge of DIN-rail	62 mm / 2.441 inches
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### Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

### Material Data

Contact material (connector)	Au over Ni
Fire load	1.13 MJ
Weight	104.7 g

### Environmental requirements

Ambient temperature (operation)	-20 ... +55 °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)	4 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454353599
Customs tariff number	85366990990

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

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



### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>EAC</b> 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
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

### Optional accessories

#### Tool

Operating tool		
<b>Item no.: 210-720</b>	Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>

#### Marking accessories

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

### Downloads

#### Documentation

##### Bid Text

289-616 X81 - Datei	2019 年2月19日	xml 3.5 kB	Download
289-616 doc - Datei	2015 年2月9日	doc 26.1 kB	Download

##### Instruction Leaflet

pdf Download

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

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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

EPLAN Data Portal 289-616	URL	Download
WSCAD Universe 289-616	URL	Download
ZUKEN Portal 289-616	URL	Download

#### CAD data

2D/3D Models 289-616	URL	Download
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### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 289-616	URL	Download
Interface module; Pluggable connector per DIN 41651; 34-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm <sup>2</sup>		

### Installation Notes

#### Conductor termination

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



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!