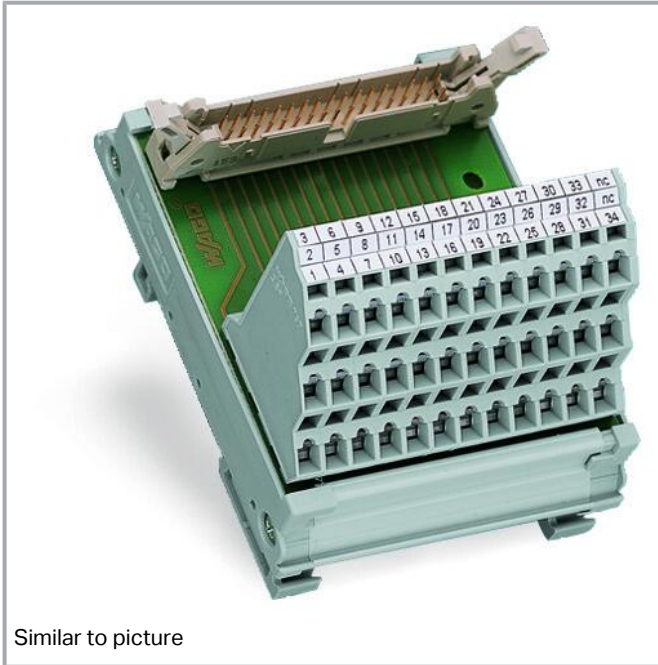


## Data sheet | Item number: 289-616

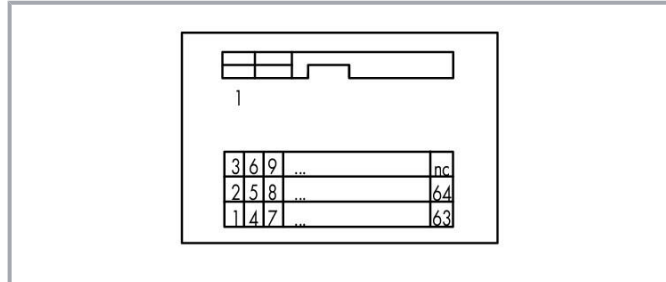
Interface module; Pluggable connector per DIN 41651; 34-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm<sup>2</sup>



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



Similar to picture



### Data

#### Electrical data

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

#### 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

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

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## 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 type	Male connector; pluggable connector per DIN 41651

## 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
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	1.13 MJ
Weight	104.7 g

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

## Environmental requirements

Ambient temperature (operation)	-20 ... +55 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	85% (non-condensing)
Operating altitude (max.)	2000 m

## 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
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

### 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
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

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



## 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](http://www.wago.com/210-720)

### Marking accessories

Marking strip



**Item no.: 709-196**

Marking strips; for laser printer; translucent

[www.wago.com/709-196](http://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](http://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](http://www.wago.com/709-177)

## Downloads

### Documentation

#### Bid Text

289-616 X81 - Datei	2019 Feb 19	xml 3.5 kB	Download
289-616 doc - Datei	2015 Feb 9	doc 26.1 kB	Download

#### Instruction Leaflet

pdf  
1.3 MB  
Download

### Additional Information

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## CAD/CAE-Data

### CAE data

<a href="#">EPLAN Data Portal 289-616</a>	<a href="#">URL</a>	<a href="#">Download</a>
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<a href="#">WSCAD Universe 289-616</a>	<a href="#">URL</a>	<a href="#">Download</a>
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<a href="#">ZUKEN Portal 289-616</a>	<a href="#">URL</a>	<a href="#">Download</a>
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### CAD data

<a href="#">2D/3D Models 289-616</a>	<a href="#">URL</a>	<a href="#">Download</a>
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## Environmental Product Compliance

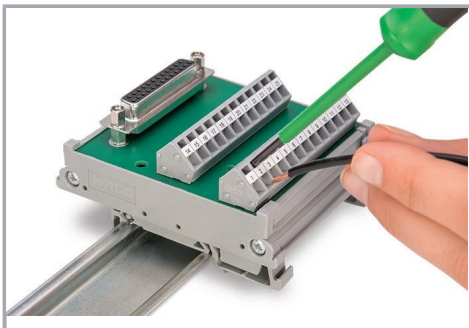
### Compliance Search

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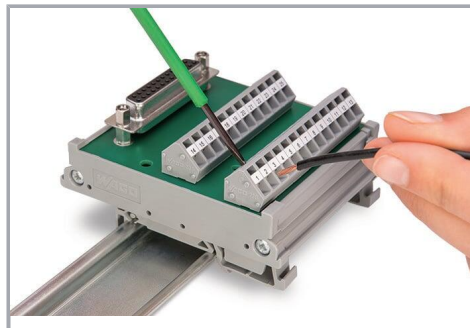
Interface module; Pluggable connector per DIN 41651; 34-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm<sup>2</sup>

## Installation Notes

### Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



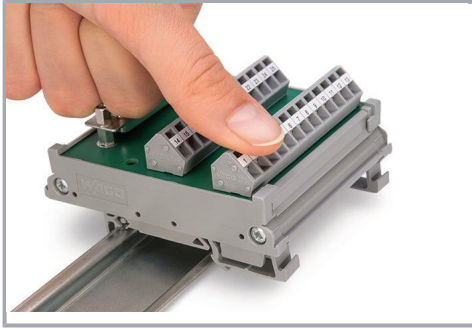
Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation

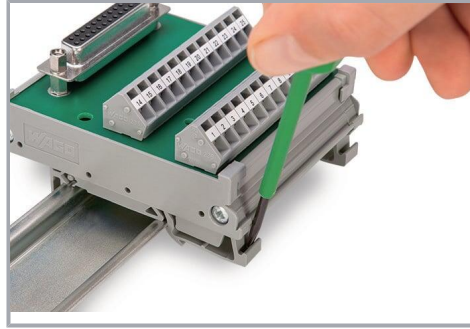
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Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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