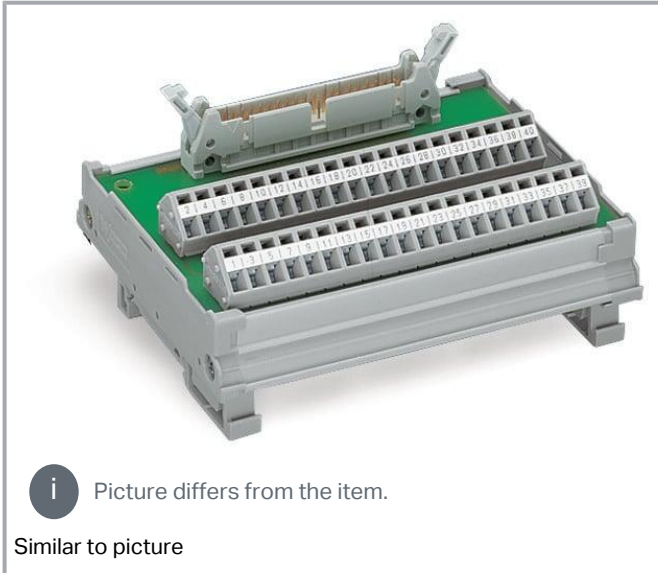


## Data sheet | Item number: 289-502

Interface module; Pluggable connector per DIN 41651; 14-pole; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm<sup>2</sup>

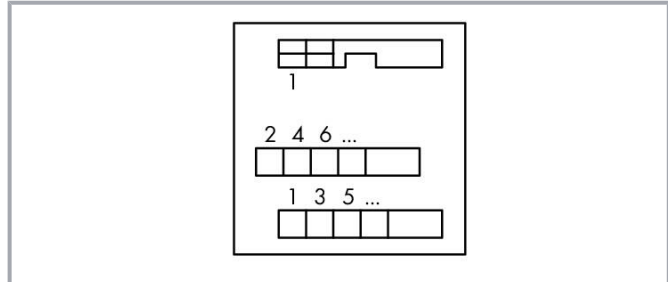


[www.wago.com/289-502](http://www.wago.com/289-502)



 Picture differs from the item.

Similar to picture



## Data

### Electrical data

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

### Safety and protection

Rated voltage	125 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP20
Insulation type	Basic insulation

### Connection data

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

Connector	DIN 41651 connector; male connector
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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.



Pole number 1	14
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 (double-row)
Pole number 2	14
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 236 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	43 mm / 1.693 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	36 mm / 1.417 inches

## Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

## Material Data

Contact material (connector)	Au over Ni
Fire load	0.938 MJ
Weight	50.6 g

## Environmental requirements

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

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

## 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)	5 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454353469
Customs tariff number	8536901000

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Optional accessories

### 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)

### 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)

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



## Downloads

### Documentation

#### Bid Text

289-502 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
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289-502 doc - Datei	2015 Feb 9	doc 25.6 kB	Download
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#### Instruction Leaflet

		pdf 1.3 MB	Download
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#### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 289-502		URL	Download
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### CAE data

EPLAN Data Portal 289-502		URL	Download
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WSCAD Universe 289-502		URL	Download
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ZUKEN Portal 289-502		URL	Download
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## Environmental Product Compliance

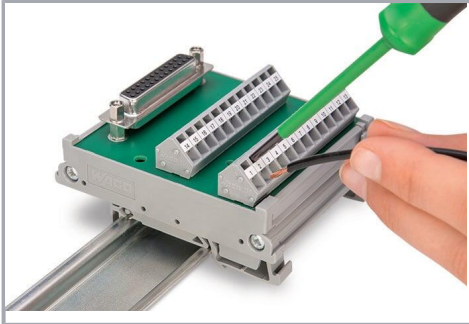
### Compliance Search

Environmental Product Compliance 289-502 Interface module; Pluggable connector per DIN 41651; 14-pole; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm <sup>2</sup>		URL	Download
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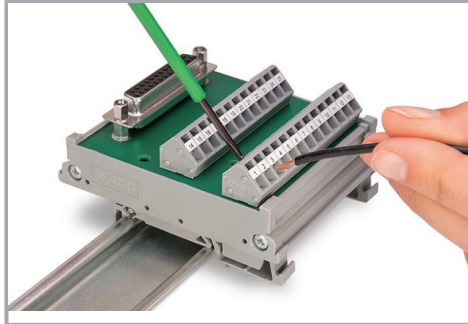
Subject to changes. Please also observe the further product documentation!

## Installation Notes

### Conductor termination

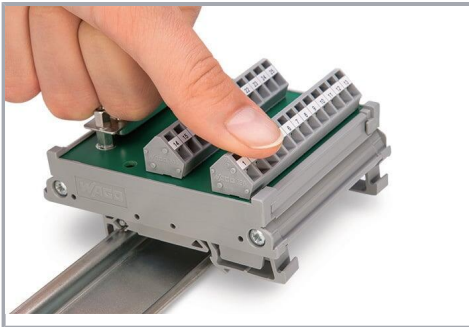


Conductor termination – screwdriver actuation parallel to conductor entry

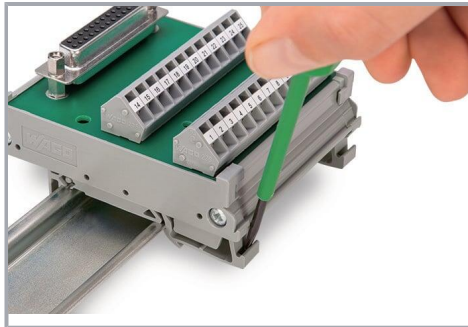


Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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