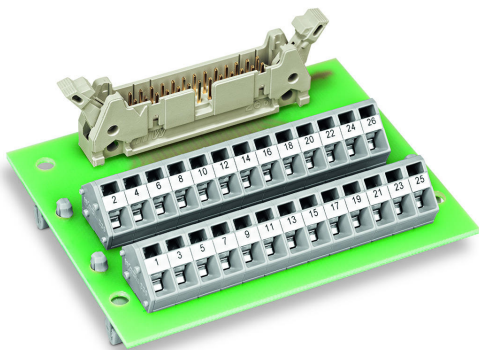


Data sheet | Item number: 289-403

Interface module; Pluggable connector per DIN 41651; Male connector; 16-pole; PCB terminal blocks, double-row; with mounting feet; 2,50 mm²

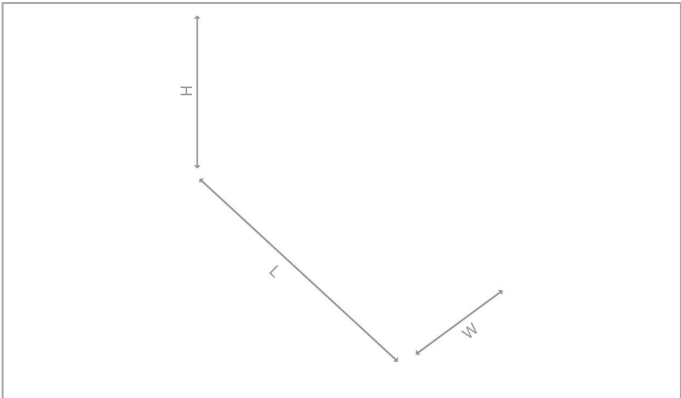
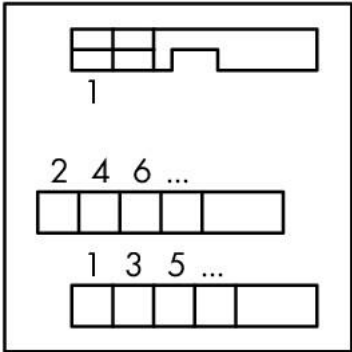
[www.wago.com/289-403](http://www.wago.com/289-403)



 Picture differs from the item.

Similar to picture

RoHS  Compliant 



Data  
Electrical Data

Operating voltage	≤ AC 30 V; ≤ DC 50 V
Nominal current	1 A

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

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## Safety and protection

Rated voltage	50 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP00*
Note on protection type	*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.

## Connection data

Pole No.	16
Connection type (1)	System
Pluggable connectors	DIN 41651 male connector
Mating direction	vertical
Connection type 2	Field
Pole number 2	16
Design 2	PCB terminal blocks (double-row)
Connection technology 2	CAGE CLAMP®
WAGO Connector 2	WAGO 236 Series
Solid conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm² / 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

## Physical data

Width	56.5 mm / 2.224 inch
Height from upper-edge of DIN-rail	28 mm / 1.102 inch
Depth	63.5 mm / 2.5 inch

## Mechanical data

Mounting type	DIN-35 rail
Housing design	PCB with mounting feet

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## Material data

Contact material (connector)	Au over Ni
Fire load	0.054 MJ
Weight	33 g

## Environmental requirements

Surrounding air temperature (operation)	-20 ... 55 °C
Surrounding air temperature (storage)	-40 ... 70 °C
Relative humidity	85% (non-condensing)

## Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4045454759209
Customs tariff number	85366990990

## Compatible products

### tools



#### 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)

### assembling



#### Item no.: 709-153

Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

[www.wago.com/709-153](http://www.wago.com/709-153)



#### Item no.: 709-167

Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

[www.wago.com/709-167](http://www.wago.com/709-167)

## Downloads

### Documentation

#### Bid Text

289-403	Feb 9, 2015	doc	Download
doc - Datei		25.6 kB	
289-403	Feb 19, 2019	xml	Download
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## Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

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## CAD data

2D/3D Models 289-403

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WSCAD Universe 289-403

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ZUKEN Portal 289-403

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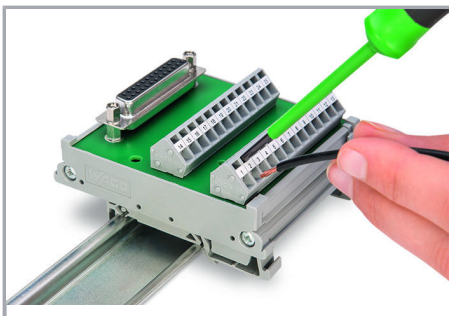
EPLAN Data Portal 289-403

URL

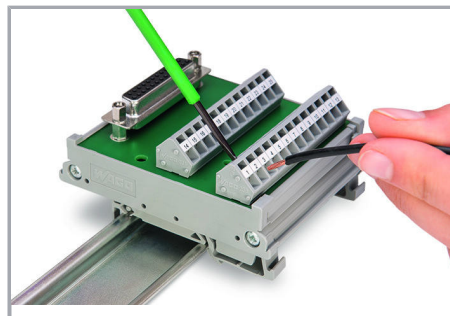
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## Installation Notes

## Conductor termination



Connection of conductor – Operating tool actuation parallel to conductor entry.



Connection of conductor – Operating tool actuation perpendicular to conductor entry.

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

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