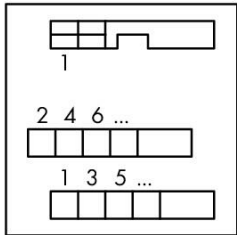
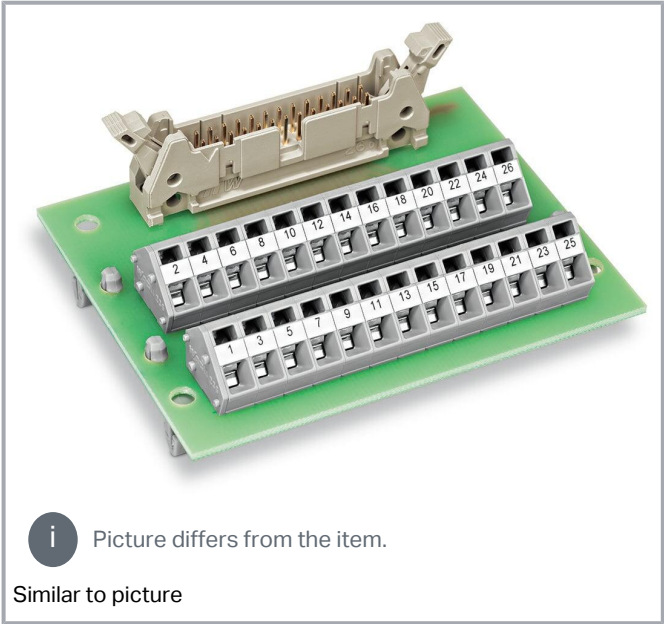


**Data sheet | Item number: 289-409**

Interface module; Pluggable connector per DIN 41651; 64-pole; PCB terminal blocks, double-row; with mounting feet; 2,50 mm<sup>2</sup>

[www.wago.com/289-409](http://www.wago.com/289-409)



**i** Picture differs from the item.  
Similar to picture

**Data**

**Electrical data**

Operating voltage	≤30 VAC; ≤50 VDC
Nominal current	1 A

**Safety and protection**

Rated voltage	50 V
Rated surge voltage	0.8 kV
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.
Insulation type	Basic insulation

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.



## Connection data

Performance level	3 / 50 mating cycles
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## Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	64
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

## Connection 2

Design 2	PCB terminal blocks (double-row)
Pole number 2	64
Connection type 2	Field
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 inches

## Physical data

Width	187 mm / 7.362 inches
Height	63.5 mm / 2.5 inches
Depth from upper-edge of DIN-rail	28 mm / 1.102 inches

## Mechanical data

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

## Material data

Contact material (connector)	Au over Ni
Fire load	0.084 MJ
Weight	110.6 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)

## 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
ECCN	NO DATA
PU (SPU)	5 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454353445
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Optional accessories

### Tool

Operating tool
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**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)

### Mounting

Cover carrier
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**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)

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

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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)

## Downloads

### Documentation

#### Bid Text

289-409 X81 - Datei	2019 年2月19 日	xml 3.3 kB	Download
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289-409 doc - Datei	2015 年2月9 日	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 年8月18 日	pdf 2.2 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 289-409		URL	Download
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### CAE data

EPLAN Data Portal 289-409		URL	Download
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WSCAD Universe 289-409		URL	Download
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ZUKEN Portal 289-409		URL	Download
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### Asset Administration Shell

Asset Administration Shell 289-409		URL	Download
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Subject to changes. Please also observe the further product documentation!

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 289-409

URL

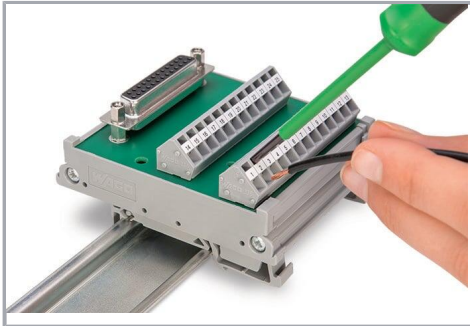
Download

Interface module; Pluggable connector per DIN 41651; 64-pole; PCB terminal blocks, double-row; with mounting feet; 2,50 mm<sup>2</sup>

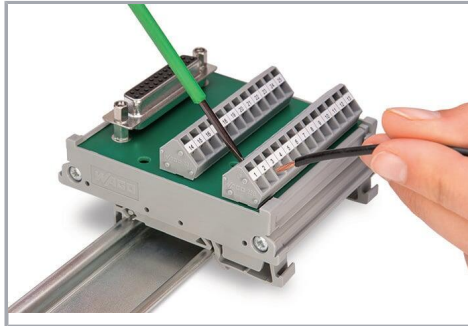
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## Installation Notes

### Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

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