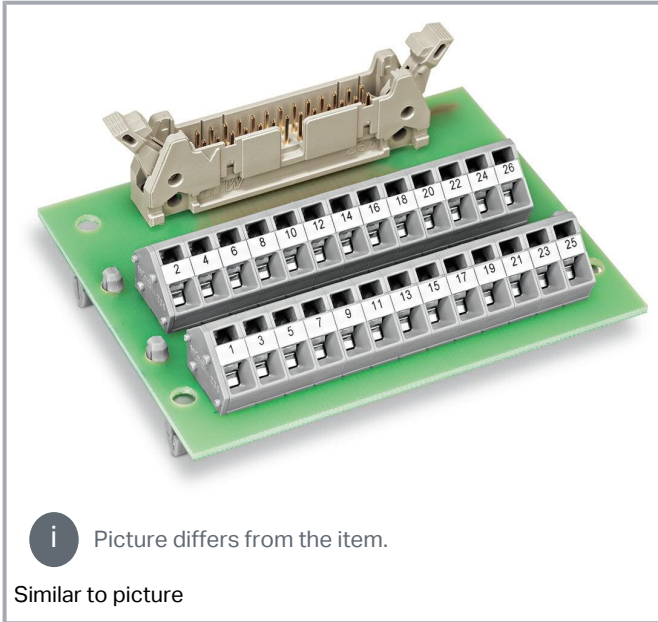


## Data sheet | Item number: 289-404

Interface module; Pluggable connector per DIN 41651; 20-pole; PCB terminal blocks, double-row; with mounting feet; 2,50 mm<sup>2</sup>

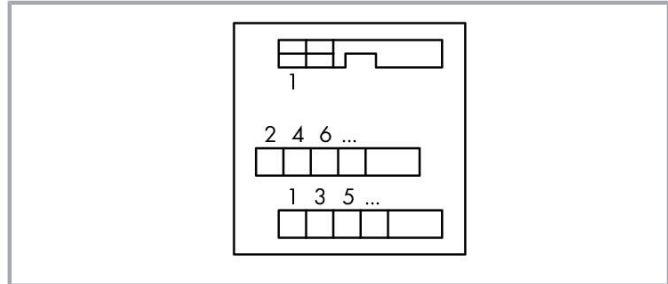


[www.wago.com/289-404](http://www.wago.com/289-404)



**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!

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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
-------------------	----------------------

## Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	20
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	20
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	66.5 mm / 2.618 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	0.054 MJ
Weight	40 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
--------------------------	----------------

## 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)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454783112
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

## 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)

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

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



**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)

**Mounting**

**Cover carrier**



**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**



**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**

289-404 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
------------------------	-------------	---------------	----------

289-404 doc - Datei	2015 Feb 9	doc 25.6 kB	Download
------------------------	------------	----------------	----------

**Instruction Leaflet**

		pdf 1.3 MB	Download
--	--	---------------	----------

**Additional Information**

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
---	------------------------	---------------	----------

**CAD/CAE-Data**

**CAD data**

2D/3D Models 289-404		URL	Download
----------------------	--	-----	----------

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

## CAE data

EPLAN Data Portal 289-404	<a href="#">URL</a>	<a href="#">Download</a>
WSCAD Universe 289-404	<a href="#">URL</a>	<a href="#">Download</a>
ZUKEN Portal 289-404	<a href="#">URL</a>	<a href="#">Download</a>

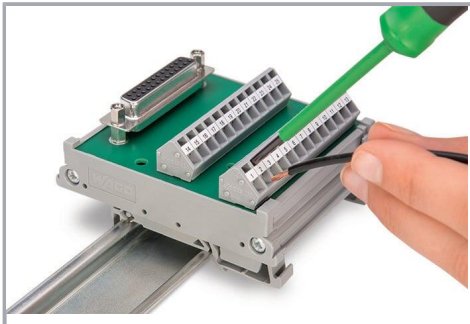
## Environmental Product Compliance

### Compliance Search

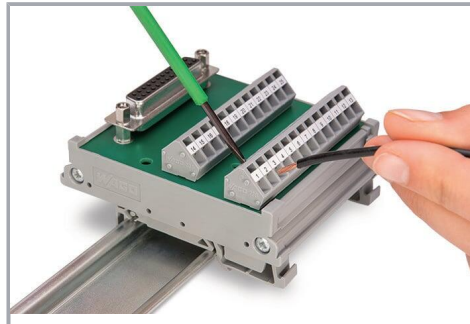
Environmental Product Compliance 289-404 Interface module; Pluggable connector per DIN 41651; 20-pole; PCB terminal blocks, double-row; with mounting feet; 2,50 mm <sup>2</sup>	<a href="#">URL</a>	<a href="#">Download</a>
---	---------------------	--------------------------

## 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!