

**Data sheet | Item number: 289-531**

Interface module; Pluggable connector per DIN 41612; 64-pole; Mating connector for solder connection; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; Type C; 2,50 mm<sup>2</sup>



[www.wago.com/289-531](http://www.wago.com/289-531)



**Data**

**Electrical data**

Operating voltage	≤100 VAC; ≤125 VDC
Nominal current	1 A
Contact resistance (max.)	20 mΩ

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.



## Safety and protection

Rated voltage	100 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP20

## Connection data

Performance level	2 / 400 mating cycles
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## Connection 1

Connector	Pluggable connector per DIN 41612; Type C; Female 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 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	171 mm / 6.732 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	34 mm / 1.339 inches

## Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

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## Material Data

Contact material (connector)	Copper alloy; gold plated
Fire load	2.098 MJ
Weight	164.4 g

## Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	85% (non-condensing)

## 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)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454547301
Customs tariff number	85369010000

## Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Bulgaria)	8a6f0663-dc62-4076-9ce5-56c61daf26ee
SCIP notification number (Czech Republic)	1aadb34f-7bc5-4b8b-9c7a-4e597fe602aa

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>EAC</b> Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122

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## Optional accessories

### Marking accessories

Marking strip		
<b>Item no.: 709-196</b>	Marking strips; for laser printer; translucent	<a href="http://www.wago.com/709-196">www.wago.com/709-196</a>
<b>Item no.: 709-178</b>	Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/709-178">www.wago.com/709-178</a>
<b>Item no.: 709-177</b>	Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	<a href="http://www.wago.com/709-177">www.wago.com/709-177</a>
Tool		
Operating tool		
<b>Item no.: 210-720</b>	Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>

## Downloads

### Documentation

#### Bid Text

289-531	2019 年2月19日	xml	Download
X81 - Datei		3.5 kB	

289-531	2015 年2月9日	doc	Download
doc - Datei		27.1 kB	

#### Instruction Leaflet

		pdf	Download
		1.3 MB	

#### Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 年8月18日	2.2 MB	

## CAD/CAE-Data

### CAD data

2D/3D Models 289-531		URL	Download
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Subject to changes. Please also observe the further product documentation!

#### CAE data

EPLAN Data Portal 289-531	<a href="#">URL</a>	<a href="#">Download</a>
WSCAD Universe 289-531	<a href="#">URL</a>	<a href="#">Download</a>
ZUKEN Portal 289-531	<a href="#">URL</a>	<a href="#">Download</a>

### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 289-531	<a href="#">URL</a>	<a href="#">Download</a>
Interface module; Pluggable connector per DIN 41612; 64-pole; Mating connector for solder connection; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; Type C; 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

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



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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