

**Data sheet | Item number: 289-523**

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

[www.wago.com/289-523](http://www.wago.com/289-523)



**Data**

**Electrical data**

Operating voltage	≤30 VAC; ≤50 VDC
Nominal current	1 A
Contact resistance (max.)	20 mΩ

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)

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



## 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.

## Connection data

Performance level	2 / 400 mating cycles
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## Connection 1

Connector	Pluggable connector per DIN 41612; Type C; Male connector
Pole number 1	64
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	horizontal

## 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

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## Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

## Material Data

Contact material (connector)	Copper alloy; gold plated
Fire load	2.098 MJ
Weight	159.3 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	4045454594183
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122 /19

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## Optional accessories

### Tool

Operating tool		
<b>Item no.: 210-720</b>		<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured		

### Marking accessories

Marking strip		
<b>Item no.: 709-196</b>		<a href="http://www.wago.com/709-196">www.wago.com/709-196</a>
Marking strips; for laser printer; translucent		
<b>Item no.: 709-178</b>		<a href="http://www.wago.com/709-178">www.wago.com/709-178</a>
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white		
<b>Item no.: 709-177</b>		<a href="http://www.wago.com/709-177">www.wago.com/709-177</a>
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent		

### Mounting

Cover carrier		
<b>Item no.: 709-167</b>		<a href="http://www.wago.com/709-167">www.wago.com/709-167</a>
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		
Cover		
<b>Item no.: 709-153</b>		<a href="http://www.wago.com/709-153">www.wago.com/709-153</a>
Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent		

## Downloads

### Documentation

#### Bid Text

289-523	2019 年2月19日	xml	Download
X81 - Datei		3.6 kB	
289-523	2015 年2月9日	doc	Download
doc - Datei		27.1 kB	

#### Instruction Leaflet

		pdf	Download
		1.3 MB	

### Additional Information

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## CAD/CAE-Data

### CAE data

<a href="#">EPLAN Data Portal 289-523</a>	<a href="#">URL</a>	<a href="#">Download</a>
<a href="#">WSCAD Universe 289-523</a>	<a href="#">URL</a>	<a href="#">Download</a>

## Environmental Product Compliance

### Compliance Search

<a href="#">Environmental Product Compliance 289-523</a> Interface module; Pluggable connector per DIN 41612; 64-pole; Mating connector for IDC; Horizontal mounting; PCB terminal blocks, double-row; in mounting carrier; Type C; 2,50 mm <sup>2</sup>	<a href="#">URL</a>	<a href="#">Download</a>
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## 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!