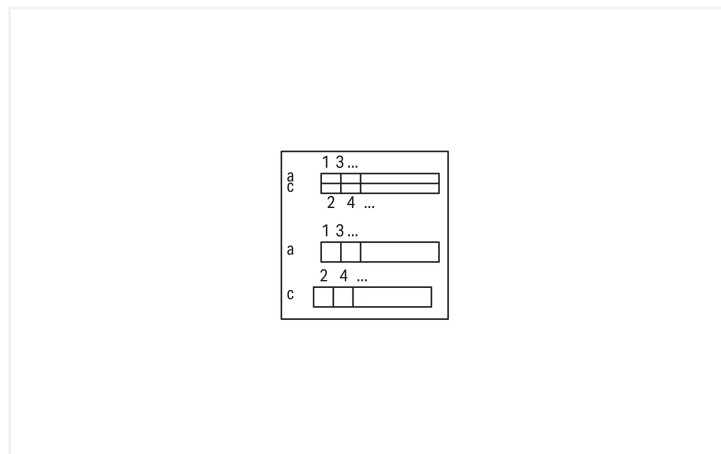
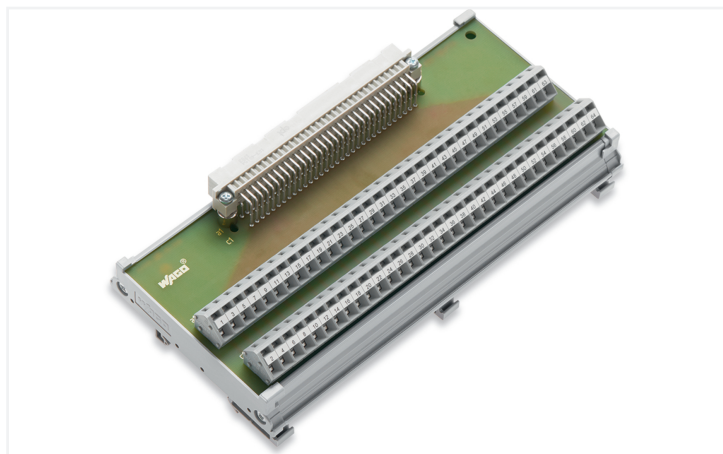


## Data Sheet | Item Number: 289-523

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>

<https://www.wago.com/289-523>



### Notes

#### Safety Information

**Notice!** Accessible live parts! Protection against accidental contact must be provided by the system installer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be followed for each specific application.

### Electrical data

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

### Safety and protection

Rated Voltage	50 V
Rated impulse withstand voltage	0.8 kV
Pollution degree	2
Protection type	IP00

### Connection Data

Performance level	2 / 400 mating cycles
-------------------	-----------------------

#### Connection 1

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

### Connection 2

Design	PCB terminal blocks (double-row)
Pole number	64
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 236 Series
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	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

### Material data

Contact material (connector)	Copper alloy; gold plated
Fire load	1.679 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)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454594183
Customs tariff number	85366990990

### Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 9.0	EC002780
ETIM 10.0	EC002780
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

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

**Approvals / Certificates**

**General approvals**



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

**Downloads**

**Environmental Product Compliance**

**Compliance Search**

Environmental Product Compliance 289-523	<a href="#">↓</a>
--	-------------------

**Documentation**

Bid Text			
289-523	19.02.2019	xml 3.49 KB	<a href="#">↓</a>
289-523	09.02.2015	doc 26.50 KB	<a href="#">↓</a>

Instruction Leaflet			
Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	<a href="#">↓</a>

**CAD/CAE-Data**

**CAE data**

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

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Installation

##### 1.1.1.1 Cover



**Item No.: 709-153**

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

##### 1.1.1.2 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

#### 1.1.2 Marking

##### 1.1.2.1 Marking strip



**Item No.: 709-196**

Marking strips; for laser printer; translucent



**Item No.: 709-177**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



**Item No.: 709-178**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

#### 1.1.3 Tool

##### 1.1.3.1 Operating tool

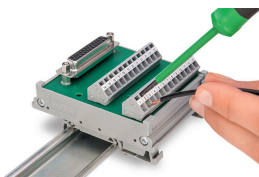


**Item No.: 210-720**

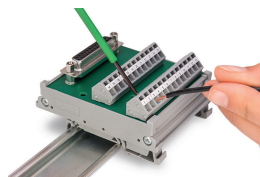
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

## Installation Notes

### Conductor termination

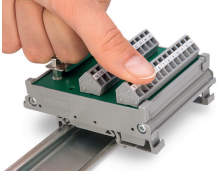


Conductor termination – screwdriver actuation parallel to conductor entry

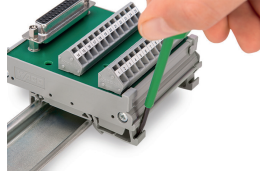


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.