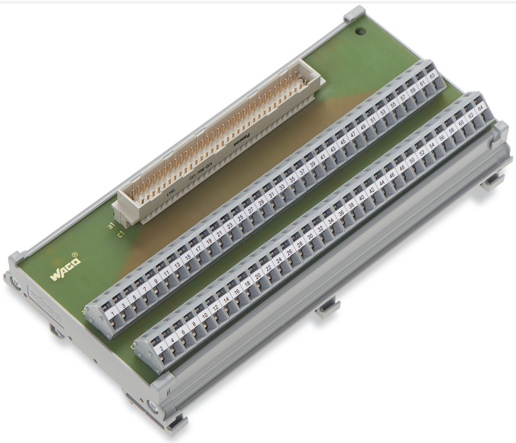
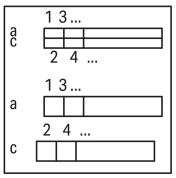
# Data Sheet | Item Number: 289-522

Interface module; Pluggable connector per DIN 41612; 64-pole; Mating connector for IDC; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; Type C; 2,50 mm²

https://www.wago.com/289-522






## Electrical data

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

## Safety and protection

| | |
|---|---|
| Rated Voltage | 100 V |
| Rated impulse withstand voltage | 0.8 kV |
| Pollution degree | 2 |
| Protection type | IP20 |

## 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 | vertical |

### 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 mm² / 28 … 12 AWG |
| Fine-stranded conductor | 0.08 … 2.5 mm² / 28 … 12 AWG |
| Strip length | 5 … 6 mm / 0.2 … 0.24 inches |


Continued on next page

## 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 | 165.4 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) |
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454385095 |
| 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<br>GZO Almaty Standart | TP TC 004/2011 | EAC CoC 03084 |


Continued on next page

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 289-522

### Documentation

**Bid Text**

| | | |
|---|---|---|
| 289-522 | 19.02.2019 | xml 3.50 KB |
| 289-522 | 24.03.2015 | doc 26.50 KB |

**Instruction Leaflet**

| | | |
|---|---|---|
| Operation and Assembly Instructions Interface | V 1.0.0 02.04.2025 | pdf 1246.19 KB |

### CAD/CAE-Data

**CAE data**

EPLAN Data Portal 289-522

WSCAD Universe 289-522

## 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


Continued on next page

## 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

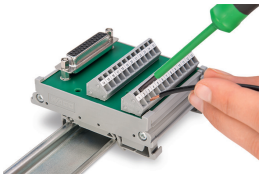
### 1.1.3.1 Operating tool



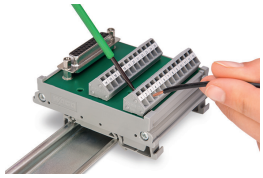
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

## Installation Notes

### Conductor termination

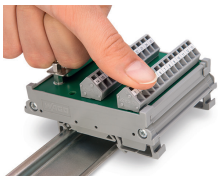


Conductor termination – screwdriver actuation parallel to conductor entry

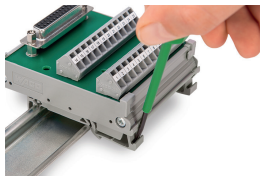


Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.