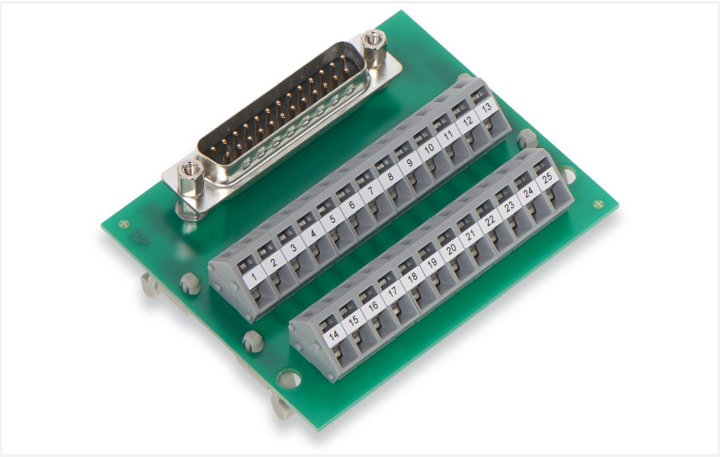
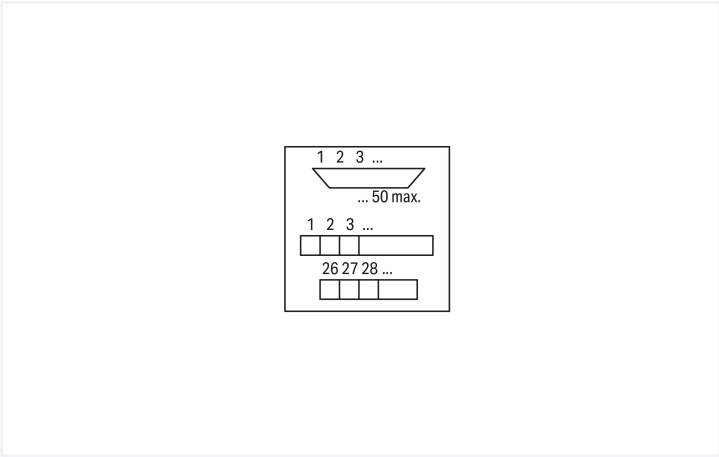
# Data Sheet | Item Number: 289-445

Interface module; with solder pin; Male connector; 9-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; 2,50 mm²

https://www.wago.com/289-445






Similar to illustration

## 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.) | 30 mΩ |

## Safety and protection

| | |
|---|---|
| Rated Voltage | 50 V |
| Rated impulse withstand voltage | 0.8 kV |
| Pollution degree | 2 |
| Protection type | IP00 |
| Insulation type | Basic insulation |

## Connection Data

| | |
|---|---|
| Performance level | 2 / 200 mating cycles |
| Strain relief | UNC 4-40 stud bolt |

### Connection 1

| | |
|---|---|
| Pluggable connector | D-subminiature male connector |
| Pole number 1 | 9 |
| Connection type | System |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |
| Mating direction | vertical |

## Connection 2

| | |
|---|---|
| Design | PCB terminal blocks (double-row) |
| Pole number | 9 |
| 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 |

## Physical data

| | |
|---|---|
| Width | 38 mm / 1.496 inches |
| Height | 63.5 mm / 2.5 inches |
| Depth from upper-edge of DIN-rail | 19 mm / 0.748 inches |

## Mechanical data

| | |
|---|---|
| Mounting type | DIN-35 rail |
| Housing design | PCB with mounting feet |

## Material data

| | |
|---|---|
| Contact material (connector) | Au over Ni |
| Fire load | 0.056 MJ |
| Weight | 24.7 g |

## Environmental requirements

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

## Standards and Specifications

| | |
|---|---|
| Standards/specifications | EN 61010-2-201 |

## Commercial data

| | |
|---|---|
| Product Group | 6 (INTERFACE ELECTRONIC) |
| PU (SPU) | 25 (1) pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454367107 |
| Customs tariff number | 85366990990 |


Continued on next page

## Product Classification

| | |
|---|---|
| UNSPSC | 39121421 |
| 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,With Exemption |
| RoHS Exemption | 6(c) |
| SCIP notification number (Austria) | f6f34124-5997-4bb6-88cb-79a4ea0d10c1 |
| SCIP notification number (Belgium) | dc3fac1c-474a-433e-9cd1-9f7975dfe386 |
| SCIP notification number (Bulgaria) | 8425726f-12d2-41d2-9a80-1cc6b1e5f065 |
| SCIP notification number (Czech Republic) | 340c1a7e-0ebb-4888-b6f5-bf608ed6087d |
| SCIP notification number (Denmark) | c49092f0-5d30-4da8-9899-aa4a424a7211 |
| SCIP notification number (Finland) | 008676ad-47b0-422c-adb2-3577ac7e7a96 |
| SCIP notification number (France) | 235af48a-fad9-4e4b-aaeb-70f2e2e6e263 |
| SCIP notification number (Germany) | 242f2721-9f4e-42c8-8906-3342d83893dd |
| SCIP notification number (Hungary) | 611c15b2-4a1a-437f-86e4-00ba7f72c599 |
| SCIP notification number (Italy) | 9574028a-336b-4d6d-a799-9bda0cef6376 |
| SCIP notification number (Netherlands) | f1ab783c-f94a-4563-8e8f-6cb329511767 |
| SCIP notification number (Poland) | 018b6a92-3b87-4572-8e3b-75ba6f269d35 |
| SCIP notification number (Romania) | c7b81add-4814-496d-9a18-5a9c6295321f |
| SCIP notification number (Sweden) | f4611b51-97c4-428b-a913-efd74126e58c |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 289-445

### Documentation

**Bid Text**

| | | |
|---|---|---|
| 289-445 | 06.02.2015 | doc 26.00 KB |

**Instruction Leaflet**

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

### CAD/CAE-Data

**CAD data**

2D/3D Models 289-445

**CAE data**

EPLAN Data Portal 289-445

WSCAD Universe 289-445

ZUKEN Portal 289-445


Continued on next page

## 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 Tool

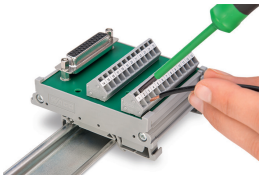
##### 1.1.2.1 Operating tool



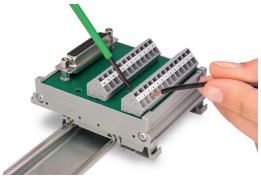
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

## Installation Notes

### Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry