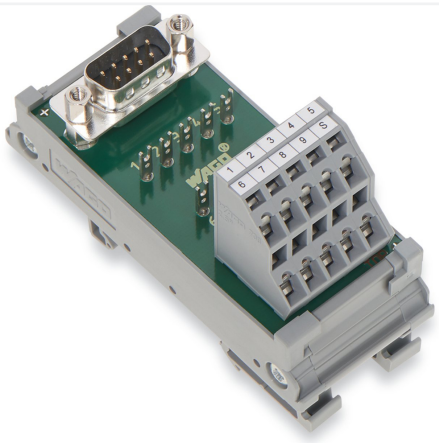
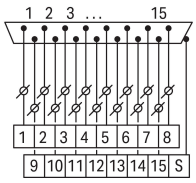
# Data Sheet | Item Number: 289-723

Interface module; with solder pin; Male connector; 37-pole; Double-deck PCB terminal blocks; in mounting carrier; Mating connector for solder connection; 2,50 mm²

https://www.wago.com/289-723






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. |
| Note | One solder terminal per pole is available for testing and patching (except for shield contact). |

## Electrical data

| | |
|---|---|
| Operating voltage | ≤ 30 VAC; ≤ 50 VDC |
| Nominal current | 2 A |
| Contact resistance (max.) | 30 mΩ |
| Specialty functions | With solder pin<br>With shield connection |

## Safety and protection

| | |
|---|---|
| Rated Voltage | 50 V |
| Pollution degree | 2 |
| Protection type | IP00 |
| Dielectric strength (channel/channel) (AC, 1 min.) | 1.3 kVrms |
| Insulation type | Functional 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 | 37 |
| Connection type | System |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |
| Mating direction | vertical |

## Connection 2

| | |
|---|---|
| Design | PCB terminal blocks (double-deck) |
| Pole number | 38 |
| Connection type | Field |
| Connection technology | CAGE CLAMP® |
| WAGO connector | WAGO 736 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 | 99.5 mm / 3.917 inches |
| Height | 85 mm / 3.346 inches |
| Depth from upper-edge of DIN-rail | 48 mm / 1.89 inches |

## Mechanical data

| | |
|---|---|
| Mounting type | DIN-35 rail |
| Housing design | Mounting carrier |

## Material data

| | |
|---|---|
| Contact material (connector) | Au over Ni |
| Fire load | 1.04 MJ |
| Weight | 127.7 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) | 3 (1) pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454367008 |
| Customs tariff number | 85369010000 |


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,No Exemption |

## Approvals / Certificates

### General approvals

| Approval | Standard | Certificate Name |
|---|---|---|
| EAC<br>GZO Almaty Standart | TP TC 004/2011 | EAC CoC 03084 |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 289-723

### Documentation

**Bid Text**

| | | |
|---|---|---|
| 289-723 | 20.02.2019 | xml<br>4.04 KB |
| 289-723 | 09.02.2015 | doc<br>26.50 KB |

**Instruction Leaflet**

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

### CAD/CAE-Data

**CAD data**

2D/3D Models 289-723

**CAE data**

EPLAN Data Portal 289-723

WSCAD Universe 289-723


Continued on next page

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Marking

##### 1.1.1.1 Marking strip



Item No.: 709-196
Marking strips; for laser printer; translucent



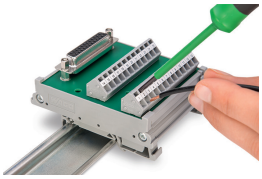
Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



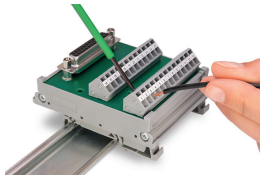
Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

## Installation Notes

### Conductor termination

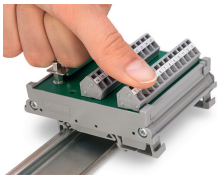


Conductor termination – screwdriver actuation parallel to conductor entry

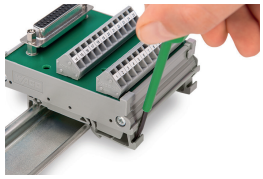


Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.