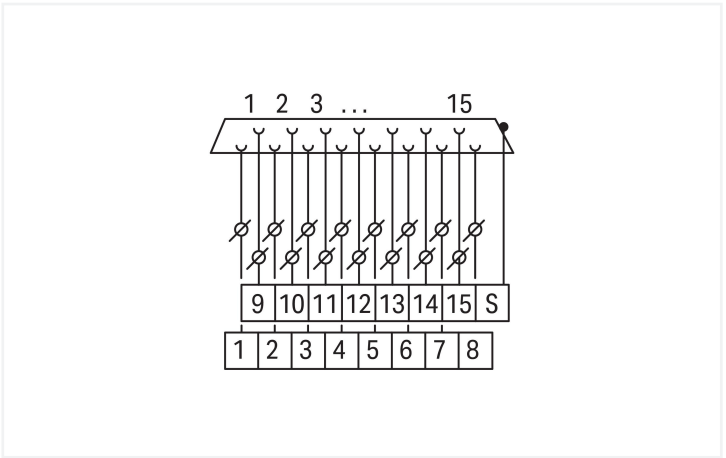
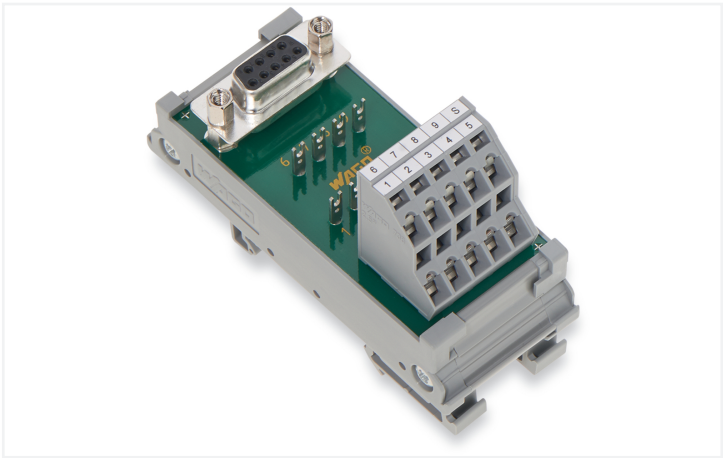


Data Sheet | Item Number: 289-725

Interface module; with solder pin; Female connector; 9-pole; Double-deck PCB terminal blocks; in mounting carrier; Mating connector for solder connection; 2,50 mm²

<https://www.wago.com/289-725>



| Notes              |                                                                                                                                                                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety Information | <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. |
| 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              |
| <b>Connection 1</b>            |                                 |
| Pluggable connector            | D-subminiature female 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-deck) |
| Pole number             | 10                                |
| 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                             |  | 33.5 mm / 1.319 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                    |  | 0.856 MJ   |
| Weight                       |  | 50.9 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)              |  | 8 (1) pcs                |
| Packaging type        |  | Box                      |
| Country of origin     |  | DE                       |
| GTIN                  |  | 4045454371227            |
| Customs tariff number |  | 85366990990              |



| 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 8.0               | EC002780             |
| ECCN                   | NO US CLASSIFICATION |

| Environmental Product Compliance          |                                      |
|-------------------------------------------|--------------------------------------|
| CAS-No.                                   | 7439-92-1                            |
| REACH Candidate List Substance            | Lead                                 |
| RoHS Compliance Status                    | Compliant,With Exemption             |
| RoHS Exemption                            | 6(c)<br>7(a)<br>7(c)-I<br>7(c)-II    |
| SCIP notification number (Austria)        | a1c979d0-7c2c-4a0a-9a12-e7de467e4d80 |
| SCIP notification number (Belgium)        | 73a3e206-15bc-4ec0-ab0e-676e8c2c9f32 |
| SCIP notification number (Bulgaria)       | 16be40d4-c9cf-4b86-a737-4b7774a8026c |
| SCIP notification number (Czech Republic) | 893ceba5-bede-4281-b096-858f1302c88e |
| SCIP notification number (Denmark)        | 95219cac-224e-4002-bc18-e86800609176 |
| SCIP notification number (Finland)        | bac88b6b-f458-405f-9ee2-e8415f7d00ae |
| SCIP notification number (France)         | 23c555c5-d4b4-461a-9e14-7d5268768377 |
| SCIP notification number (Germany)        | a799dc4c-a9dd-4f40-a998-48918b8b4411 |
| SCIP notification number (Hungary)        | f18314c4-adc0-464b-9475-67cc096446eb |
| SCIP notification number (Italy)          | 1c34d755-b188-452c-9a33-2eae8a52ac64 |
| SCIP notification number (Netherlands)    | fc83c792-aad5-42cc-bf5b-abc18fe536cf |
| SCIP notification number (Poland)         | e77e6278-1e75-47e2-becc-1f5e5cf2d60c |
| SCIP notification number (Romania)        | 5739de6d-e3a8-4afa-a24d-09260754f306 |
| SCIP notification number (Sweden)         | 6385a8bd-0ba7-48b3-83cc-d6684e57e41e |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-725

↓

Documentation

Bid Text

289-725

19.02.2019

xml  
3.70 KB

↓

289-725

09.02.2015

doc  
27.00 KB

↓

Instruction Leaflet

Operation and Assembly Instructions Interface

V 1.0.0  
02.04.2025

pdf  
1246.19 KB

↓



| CAD/CAE-Data         |                           |
|----------------------|---------------------------|
| CAD data             | CAE data                  |
| 2D/3D Models 289-725 | EPLAN Data Portal 289-725 |
|                      | WSCAD Universe 289-725    |
|                      | ZUKEN Portal 289-725      |

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

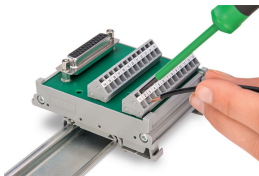
1.1.3.1 Operating tool



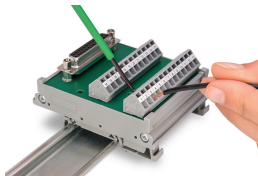
**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

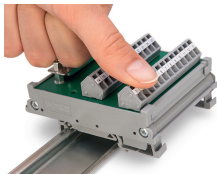


Conductor termination – screwdriver ac-  
tuation parallel to conductor entry

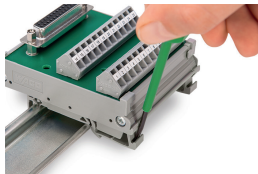


Conductor termination – screwdriver ac-  
tuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.