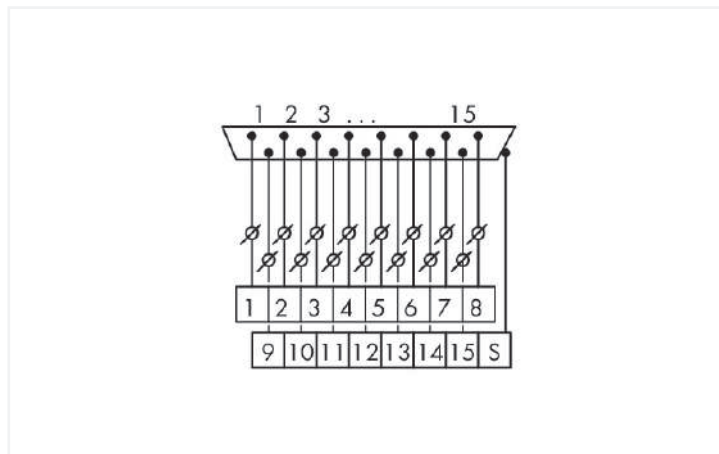


Data Sheet | Item Number: 289-722

Interface module; with solder pin; Male connector; 25-pole; Double-deck PCB terminal blocks; in mounting carrier; Mating connector for solder connection; 2,50 mm²

<https://www.wago.com/289-722>



Similar to illustration

Notes

| | |
|------|---|
| 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 With shield connection |

Safety and protection

| | |
|--|--|
| Rated voltage | 50 V |
| Pollution degree | 2 |
| Protection type | IP00; Notice! 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. |
| 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 | |
| Connector | D-subminiature male connector |
| Pole number 1 | 25 |
| Connection type 1 | System |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |
| Mating direction | vertical |

Connection 2

| | |
|---------------------------|--|
| Design 2 | PCB terminal blocks (double-deck) |
| Pole number 2 | 26 |
| Connection type 2 | Field |
| Connection technology 2 | CAGE CLAMP® |
| WAGO connector 2 | WAGO 736 Series |
| Solid conductor 2 | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor 2 | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Strip length 2 | 5 ... 6 mm / 0.2 ... 0.24 inches |

Physical data

| | |
|-----------------------------------|----------------------|
| Width | 69 mm / 2.717 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 | 1.13 MJ |
| Weight | 96.9 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) |
| eCl@ss 10.0 | 27-14-11-52 |
| eCl@ss 9.0 | 27-14-11-52 |
| ETIM 8.0 | EC002780 |
| ETIM 7.0 | EC002780 |
| PU (SPU) | 4 (1) pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454424589 |
| Customs tariff number | 85366990990 |

Environmental Product Compliance

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

Downloads

Environmental Product Compliance

Compliance Search

| | |
|--|-------------------|
| Environmental Product Compliance 289-722 | ↓ |
|--|-------------------|

Documentation

Bid Text

| | | | |
|---------|------------|-----------------|-------------------|
| 289-722 | 19.02.2019 | xml 3.70 KB | ↓ |
| 289-722 | 09.02.2015 | doc 27.00 KB | ↓ |

Instruction Leaflet

| | | |
|--|-------------------|-------------------|
| | pdf 1246.19 KB | ↓ |
|--|-------------------|-------------------|

CAD/CAE-Data

CAD data

| | |
|----------------------|-------------------|
| 2D/3D Models 289-722 | ↓ |
|----------------------|-------------------|

CAE data

| | |
|---------------------------|-------------------|
| EPLAN Data Portal 289-722 | ↓ |
| WSCAD Universe 289-722 | ↓ |
| ZUKEN Portal 289-722 | ↓ |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marking strip

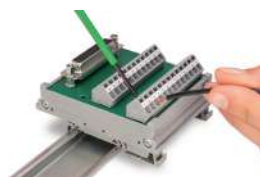
| | | |
|---|--|--|
| | | |
| <p>Item No.: 709-196 Marking strips; for laser printer; translucent</p> | <p>Item No.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent</p> | <p>Item No.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white</p> |

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.