

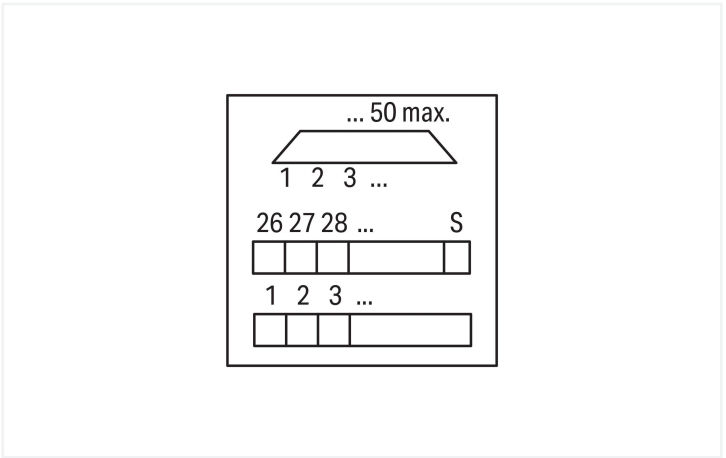
Data Sheet | Item Number: 289-576

Interface module; with solder pin; Female connector; 15-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; with shield connection; 2,50 mm<sup>2</sup>

<https://www.wago.com/289-576>



Similar to illustration



| Electrical data           |                        |
|---------------------------|------------------------|
| Operating voltage         | ≤ AC/DC 125 V          |
| Nominal current           | 2 A                    |
| Contact resistance (max.) | 30 mΩ                  |
| Specialty functions       | With shield connection |

| Safety and protection |                  |
|-----------------------|------------------|
| Rated Voltage         | 125 V            |
| Rated surge voltage   | 0.8 kV           |
| Pollution degree      | 2                |
| Protection type       | IP20             |
| 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 female connector |
| Pole number 1                  | 15                              |
| Connection type 1              | System                          |
| Note (conductor cross-section) | 12 AWG: THHN, THWN              |
| Mating direction               | vertical                        |

| Connection 2              |                                              |
|---------------------------|----------------------------------------------|
| Design 2                  | PCB terminal blocks (double-row)             |
| Pole number (2)           | 16                                           |
| Connection type 2         | Field                                        |
| Connection technology 2   | CAGE CLAMP®                                  |
| WAGO connector 2          | WAGO 236 Series                              |
| Solid conductor 2         | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor 2 | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Strip length 2            | 5 ... 6 mm / 0.2 ... 0.24 inches             |



| Physical data                     |  |                      |
|-----------------------------------|--|----------------------|
| Width                             |  | 43 mm / 1.693 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) |  | Au over Ni |
| Fire load                    |  | 0.929 MJ   |
| Weight                       |  | 58.8 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)              |  | 7 (1) pcs                |
| Packaging type        |  | Box                      |
| Country of origin     |  | DE                       |
| GTIN                  |  | 4045454417925            |
| Customs tariff number |  | 85366990990              |

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

Approvals / Certificates

| General approvals                                                                  |          |                     | Declarations of conformity and manufacturer's declarations |          |                  |
|------------------------------------------------------------------------------------|----------|---------------------|------------------------------------------------------------|----------|------------------|
|  |          |                     | Approval                                                   | Standard | Certificate Name |
| Approval                                                                           | Standard | Certificate Name    | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| UL<br>Underwriters Laboratories<br>Inc. (ORDINARY LOCATI-<br>ONS)                  | UL 508   | E175199 Vol.2 Sec.1 | UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-576

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Documentation

Bid Text

289-576

19.02.2019

xml

3.59 KB

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289-576

06.02.2015

doc

27.00 KB

↓

Instruction Leaflet

pdf

1246.19 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 289-576

↓

CAE data

EPLAN Data Portal 289-576

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WSCAD Universe 289-576

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ZUKEN Portal 289-576

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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

1.1.2 Tool

1.1.2.1 Operating tool

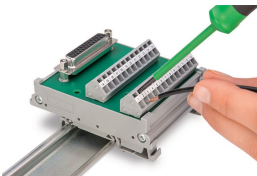


[Item No.: 210-720](#)  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

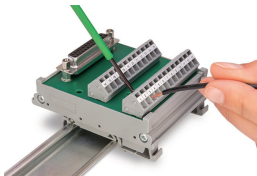


Installation Notes

Conductor termination

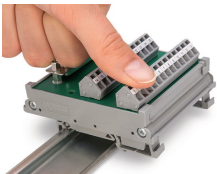


Conductor termination – screwdriver ac-  
tuation parallel to conductor entry

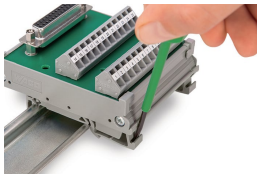


Conductor termination – screwdriver ac-  
tuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.