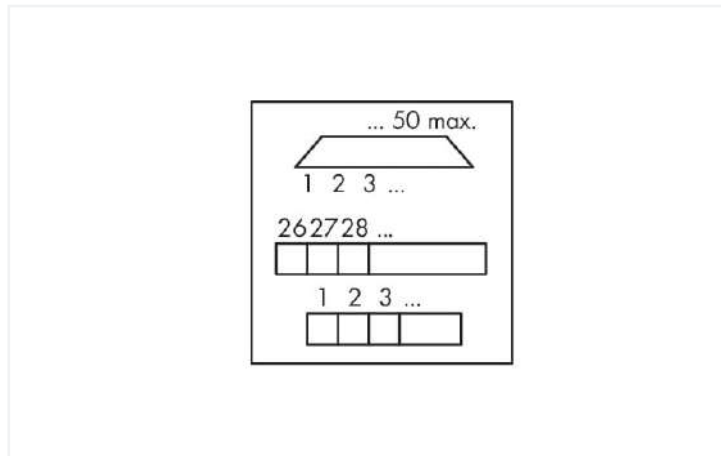


## Data Sheet | Item Number: 289-556

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

<https://www.wago.com/289-556>



Similar to illustration

### Electrical data

|                           |               |
|---------------------------|---------------|
| Operating voltage         | ≤ AC/DC 125 V |
| Nominal current           | 2 A           |
| Contact resistance (max.) | 30 mΩ         |

### 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

|                                |                                 |
|--------------------------------|---------------------------------|
| 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             | 15   |
| 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                             | 46 mm / 1.811 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                    | 0.938 MJ   |
| Weight                       | 57.4 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<br>DNV |
|--------------------------|-----------------------|

### 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)              | 8 (1) pcs                |
| Packaging type        | Box                      |
| Country of origin     | DE                       |
| GTIN                  | 4045454417857            |
| Customs tariff number | 85366990990              |

### Environmental Product Compliance

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

### Approvals / Certificates

#### General approvals



| Approval  | Standard       | Certificate Name                |
|---|----------------|---------------------------------|
| EAC<br>Brjansker Zertifizierungs-<br>stelle                       | TP TC 004/2011 | EAC RU C-DE.AM02.<br>B.00122/19 |
| UL<br>Underwriters Laboratories<br>Inc. (ORDINARY LOCATI-<br>ONS) | UL 508         | E175199 Vol.2 Sec.1             |

#### Approvals for marine applications



| Approval                      | Standard               | Certificate Name  |
|-------------------------------|------------------------|-------------------|
| DNV<br>DNV Germany GmbH       | DNV-CG-0339, Aug. 2021 | TAA00001D1        |
| PRS<br>Polski Rejestr Statków | -                      | TE/2186/880590/18 |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-556



Documentation

Bid Text

289-556

06.02.2015

doc  
26.50 KB



Instruction Leaflet

pdf  
1246.19 KB



CAD/CAE-Data

CAD data

2D/3D Models 289-556



CAE data

EPLAN Data Portal  
289-556



WSCAD Universe  
289-556



ZUKEN Portal 289-556



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](#)

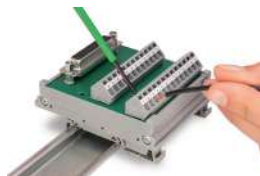
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

## Conductor termination



Conductor termination – screwdriver 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.