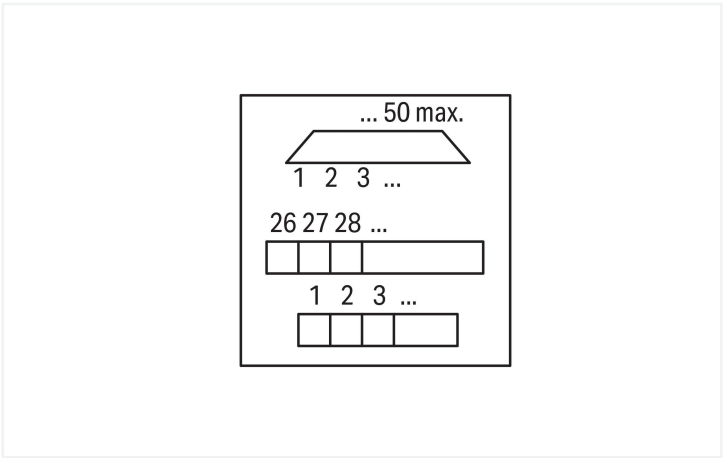


Data Sheet | Item Number: 289-557

Interface module; with solder pin; Female connector; 25-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm²

<https://www.wago.com/289-557>



| Electrical data           |               |
|---------------------------|---------------|
| Operating voltage         | ≤ 125 VAC/VDC |
| Nominal current           | 2 A           |
| Contact resistance (max.) | 30 mΩ         |

| Safety and protection           |                  |
|---------------------------------|------------------|
| Rated Voltage                   | 125 V            |
| Rated impulse withstand 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                  | 25                              |
| 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           | 25                               |
| Connection type         | Field                            |
| Connection technology   | CAGE CLAMP®                      |
| WAGO connector 2        | WAGO 236 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                             |  | 72 mm / 2.835 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                    |  | 1.142 MJ   |
| Weight                       |  | 81.5 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 9.0              |  | EC002780                 |
| ETIM 8.0              |  | EC002780                 |
| PU (SPU)              |  | 4 (1) pcs                |
| Packaging type        |  | Box                      |
| Country of origin     |  | DE                       |
| GTIN                  |  | 4045454432683            |
| 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 |
| cURus<br>Underwriters Laboratories<br>Inc. | UL 508         | E175199 Vol.2 Sec.1 | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| EAC<br>GZO Almaty Standart                 | TP TC 004/2011 | EAC CoC 03084       | UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |



|                                          |  |
|------------------------------------------|--|
| Downloads                                |  |
| Environmental Product Compliance         |  |
| Compliance Search                        |  |
| Environmental Product Compliance 289-557 |  |

|                                              |                       |
|----------------------------------------------|-----------------------|
| Documentation                                |                       |
| Bid Text                                     | Instruction Leaflet   |
| 289-557<br>06.02.2015<br>doc<br>26.00 KB<br> | pdf<br>1246.19 KB<br> |

|                          |                               |
|--------------------------|-------------------------------|
| CAD/CAE-Data             |                               |
| CAD data                 | CAE data                      |
| 2D/3D Models 289-557<br> | EPLAN Data Portal 289-557<br> |
|                          | WSCAD Universe 289-557<br>    |
|                          | ZUKEN Portal 289-557<br>      |

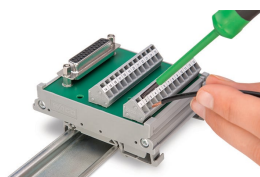
|                          |
|--------------------------|
| 1 Compatible Products    |
| 1.1 Optional Accessories |
| 1.1.1 Marking            |
| 1.1.1.1 Marking strip    |

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

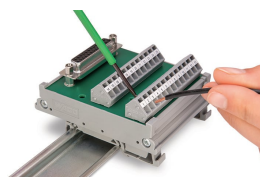
|                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------|
| 1.1.2 Tool                                                                                                       |
| 1.1.2.1 Operating tool                                                                                           |
|                                                                                                                  |
| <b>Item No.: 210-720</b><br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured |

## Installation Notes

### Conductor termination

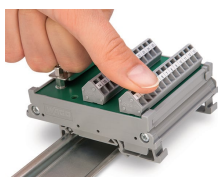


Conductor termination – screwdriver actuation parallel to conductor entry

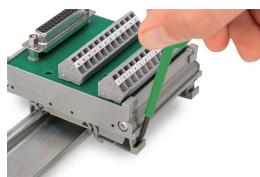


Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.