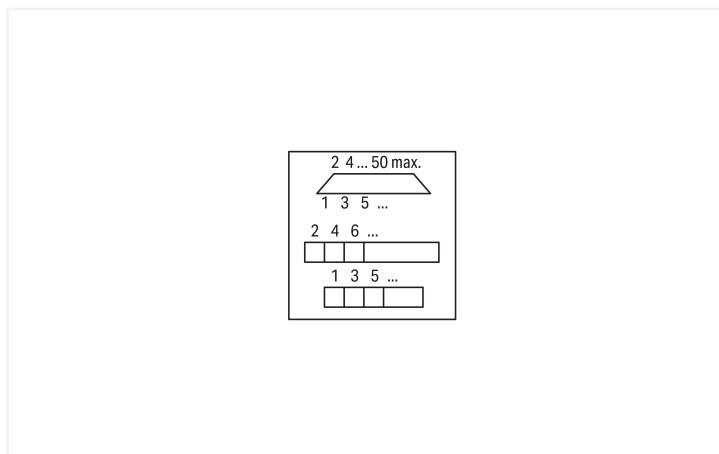
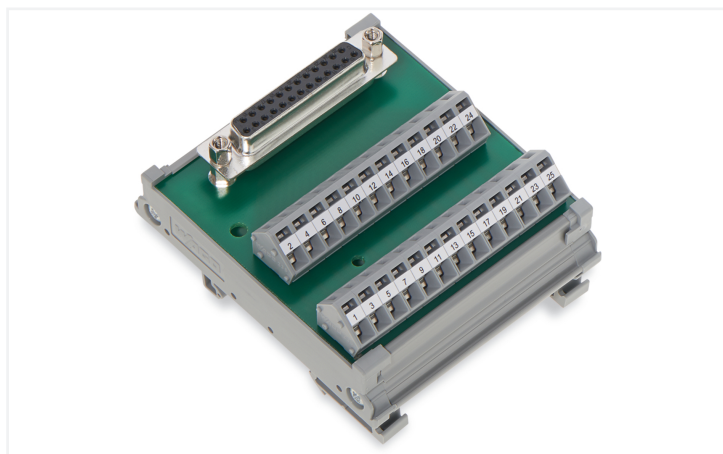


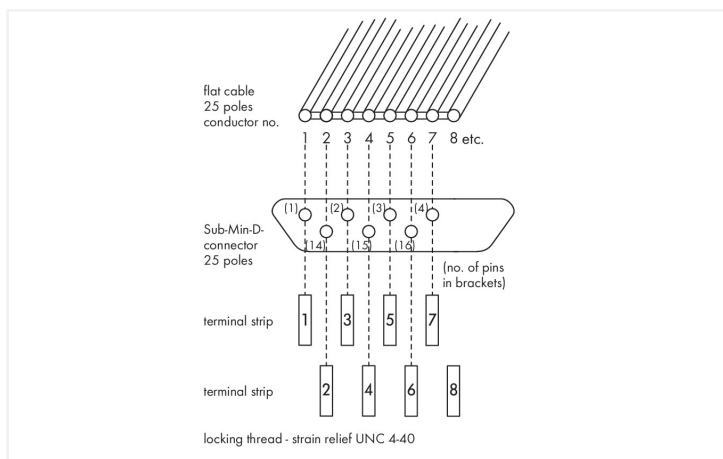
Data Sheet | Item Number: 289-550

Interface module; with solder pin; Female connector; 9-pole; for mating connectors with IDC; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm²

<https://www.wago.com/289-550>



Similar to illustration



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 | 9 |
| Connection type | System |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |
| Mating direction | vertical |

Connection 2

| | |
|-------------------------|--|
| Design | PCB terminal blocks (double-row) |
| Pole number | 9 |
| Connection type | Field |
| Connection technology | CAGE CLAMP® |
| WAGO connector | WAGO 236 Series |
| Solid conductor | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Strip length | 5 ... 6 mm / 0.2 ... 0.24 inches |

Physical data

| | |
|-----------------------------------|----------------------|
| Width | 38 mm / 1.496 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 | 0.572 MJ |
| Weight | 47 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 | 4045454371173 |
| Customs tariff number | 85366990990 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 39121409 |
| eCl@ss 10.0 | 27-14-11-52 |
| eCl@ss 9.0 | 27-14-11-52 |
| ETIM 9.0 | EC002780 |
| ETIM 10.0 | EC002780 |
| ECCN | NO US CLASSIFICATION |

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 Underwriters Laboratories Inc. | UL 508 | E175199 Vol.2 Sec.1 | EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
| EAC GZO Almaty Standart | TP TC 004/2011 | EAC CoC 03084 | UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Downloads

Environmental Product Compliance

| Compliance Search | |
|--|---|
| Environmental Product Compliance 289-550 | ↓ |

Documentation

| Bid Text | | | | Instruction Leaflet | | | |
|----------|------------|-----------------|---|---|-----------------------|-------------------|---|
| 289-550 | 06.02.2015 | doc 27.00 KB | ↓ | Operation and Assembly Instructions Interface | V 1.0.0 02.04.2025 | pdf 1246.19 KB | ↓ |
| 289-550 | 19.02.2019 | xml 3.57 KB | ↓ | | | | |

CAD/CAE-Data

CAD data

2D/3D Models 289-550



CAE data

EPLAN Data Portal
289-550



WSCAD Universe
289-550



ZUKEN Portal 289-550



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

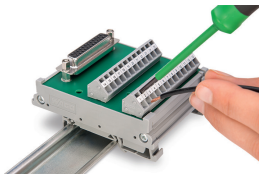


Item No.: 210-720

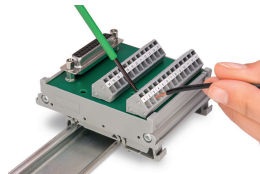
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

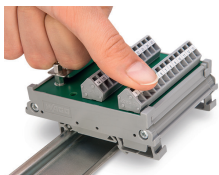


Conductor termination – screwdriver actuation parallel to conductor entry

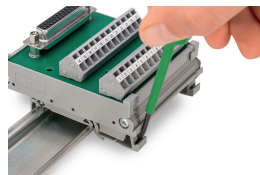


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com