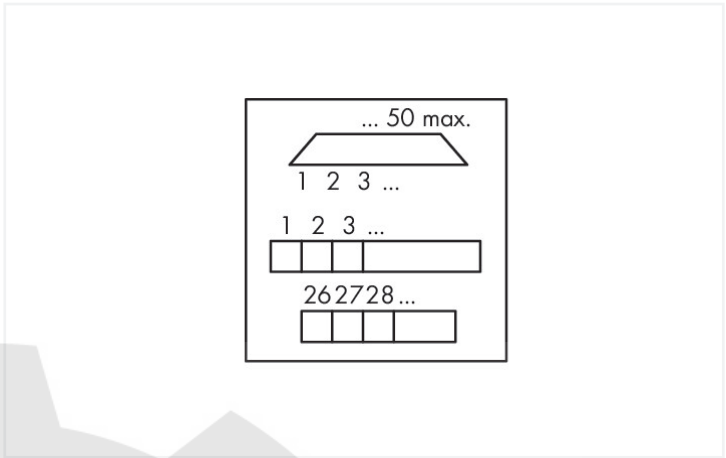


Data Sheet | Item Number: 289-455

Interface module; with solder pin; Female connector; 9-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; 2,50 mm²

<https://www.wago.com/289-455>



Similar to illustration

| Electrical data | |
|---------------------------|------------------|
| Operating voltage | ≤30 VAC; ≤50 VDC |
| Nominal current | 1 A |
| Contact resistance (max.) | 30 mΩ |

| Safety and protection | |
|-----------------------|---|
| Rated voltage | 50 V |
| Rated surge voltage | 0.8 kV |
| 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. |
| 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 | 9 |
| Connection type 1 | System |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |
| Mating direction | vertical |
| For mating connector | with solder contact |
| Connection type | Female connector; D-sub/HD D-sub |

| Connection 2 | |
|-------------------------|----------------------------------|
| Design 2 | PCB terminal blocks (double-row) |
| Pole number 2 | 9 |
| Connection type 2 | Field |
| Connection technology 2 | CAGE CLAMP® |
| WAGO connector 2 | WAGO 236 Series |
| Solid conductor 2 | 0.08 ... 2.5 mm² / 28 ... 12 AWG |

| Connection 2 | |
|---------------------------|----------------------------------|
| Fine-stranded conductor 2 | 0.08 ... 2.5 mm² / 28 ... 12 AWG |
| Strip length 2 | 5 ... 6 mm / 0.2 ... 0.24 inches |



| Physical data | |
|-----------------------------------|----------------------|
| Width | 38 mm / 1.496 inches |
| Height | 63.5 mm / 2.5 inches |
| Depth from upper-edge of DIN-rail | 19 mm / 0.748 inches |

| Mechanical Data | |
|-----------------|------------------------|
| Mounting type | DIN-35 rail |
| Housing design | PCB with mounting feet |

| Material Data | |
|------------------------------|------------|
| Contact material (connector) | Au over Ni |
| Fire load | 0.054 MJ |
| Weight | 25.3 g |

| Environmental requirements | |
|--|------------------------|
| Ambient temperature (operation at U _N) | -20 ... +50 °C |
| Surrounding air temperature (storage) | -40 ... +70 °C |
| Relative humidity | ≤ 85% (non-condensing) |
| Operating altitude (max.) | 2000 m |

| 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) | 40 (1) pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454371159 |
| Customs tariff number | 85366990990 |

Downloads

Environmental Product Compliance

| Compliance Search | |
|--|--|
| Environmental Product Compliance 289-455 | |

Documentation

| Bid Text | | | |
|----------|------------|-----------------|-------------------|
| 289-455 | 19.02.2019 | xml 3.56 KB | ↓ |
| 289-455 | 06.02.2015 | doc 26.00 KB | ↓ |

| Instruction Leaflet | | |
|---------------------|-------------------|-------------------|
| | pdf 1246.19 KB | ↓ |

| CAD/CAE-Data | | | |
|----------------------|-------------------|------------------------------|-------------------|
| CAD data | | CAE data | |
| 2D/3D Models 289-455 | ↓ | EPLAN Data Portal 289-455 | ↓ |
| | | WSCAD Universe 289-455 | ↓ |
| | | ZUKEN Portal 289-455 | ↓ |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Installation

1.1.1.1 Cover



[Item No.: 709-153](#)
Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

1.1.1.2 Cover carrier



[Item No.: 709-167](#)
Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

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

