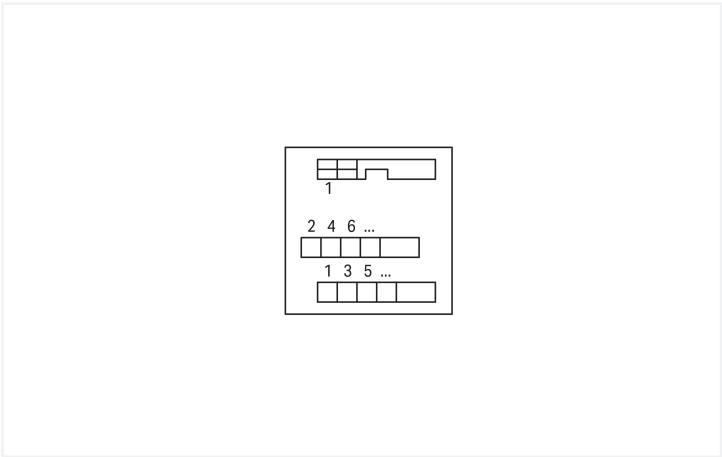




Similar to illustration

| Electrical data   |               |
|-------------------|---------------|
| Operating voltage | ≤ 125 VAC/VDC |
| Nominal current   | 1 A           |

| 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              | 3 / 50 mating cycles                              |
| Connection 1                   |                                                   |
| Pluggable connector            | Pluggable connector per DIN 41651; male connector |
| Pole number 1                  | 16                                                |
| Connection type                | System                                            |
| Note (conductor cross-section) | 12 AWG: THHN, THWN                                |
| Mating direction               | vertical                                          |

| Connection 2            |                                  |
|-------------------------|----------------------------------|
| Design                  | PCB terminal blocks (double-row) |
| Pole number             | 16                               |
| Connection type         | Field                            |
| Connection technology   | CAGE CLAMP®                      |
| WAGO connector          | 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                             |  | 46 mm / 1.811 inches |
| Height                            |  | 85 mm / 3.346 inches |
| Depth from upper-edge of DIN-rail |  | 36 mm / 1.417 inches |

| Mechanical data |  |                  |
|-----------------|--|------------------|
| Mounting type   |  | DIN-35 rail      |
| Housing design  |  | Mounting carrier |

| Material data                |  |            |
|------------------------------|--|------------|
| Contact material (connector) |  | Au over Ni |
| Fire load                    |  | 0.667 MJ   |
| Weight                       |  | 55.8 g     |

| Environmental requirements      |  |                         |
|---------------------------------|--|-------------------------|
| Ambient temperature (operation) |  | -20 ... +55 °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)              |  | 6 (1) pcs                |
| Packaging type        |  | Box                      |
| Country of origin     |  | DE                       |
| GTIN                  |  | 4045454353476            |
| 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 |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-503

↓

Documentation

Bid Text

|         |            |                 |   |
|---------|------------|-----------------|---|
| 289-503 | 09.02.2015 | doc<br>25.00 KB | ↓ |
| 289-503 | 19.02.2019 | xml<br>3.26 KB  | ↓ |

Instruction Leaflet

|                                               |                       |                   |   |
|-----------------------------------------------|-----------------------|-------------------|---|
| Operation and Assembly Instructions Interface | V 1.0.0<br>02.04.2025 | pdf<br>1246.19 KB | ↓ |
|-----------------------------------------------|-----------------------|-------------------|---|

CAD/CAE-Data

CAD data

2D/3D Models 289-503

↓

CAE data

EPLAN Data Portal 289-503

↓

WSCAD Universe 289-503

↓

ZUKEN Portal 289-503

↓

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

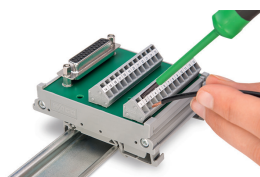
1.1.2.1 Operating tool



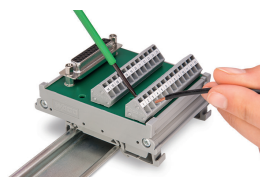
[Item No.: 210-720](#)  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

## Installation Notes

### Conductor termination

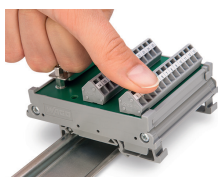


Conductor termination – screwdriver actuation parallel to conductor entry

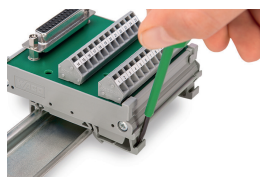


Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.