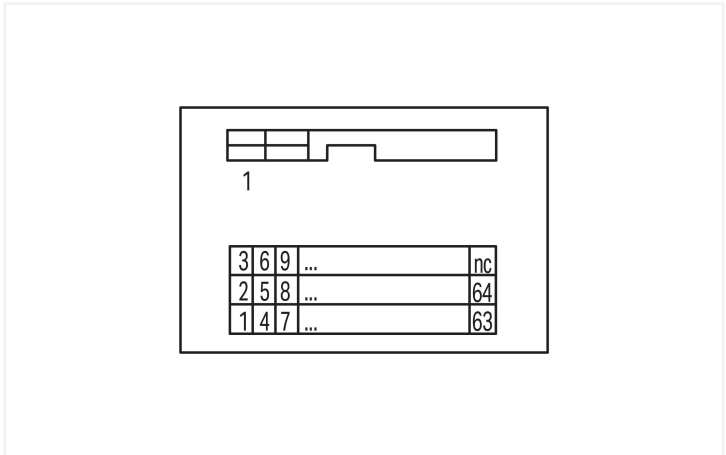




Similar to illustration



| Notes              |                                                                                                                                                                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety Information | <b>Notice!</b> Accessible live parts! Protection against accidental contact must be provided by the system installer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be followed for each specific application. |

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

| Safety and protection                              |                       |
|----------------------------------------------------|-----------------------|
| Rated Voltage                                      | 125 V                 |
| Pollution degree                                   | 2                     |
| Protection type                                    | IP00                  |
| Dielectric strength (channel/channel) (AC, 1 min.) | 1.3 kVrms             |
| Insulation type                                    | Functional insulation |

| Connection data                |                                                   |
|--------------------------------|---------------------------------------------------|
| Performance level              | 3 / 50 mating cycles                              |
| <b>Connection 1</b>            |                                                   |
| Pluggable connector            | Pluggable connector per DIN 41651; male connector |
| Pole number 1                  | 40                                                |
| Connection type                | System                                            |
| Note (conductor cross-section) | 12 AWG: THHN, THWN                                |
| Mating direction               | vertical                                          |

| Connection 2            |                                   |
|-------------------------|-----------------------------------|
| Design                  | PCB terminal blocks (triple-deck) |
| Pole number             | 40                                |
| Connection type         | Field                             |
| Connection technology   | CAGE CLAMP®                       |
| WAGO connector          | WAGO 737 Series                   |
| Solid conductor         | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
| Fine-stranded conductor | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |

| Connection 2 |                                  |
|--------------|----------------------------------|
| Strip length | 5 ... 6 mm / 0.2 ... 0.24 inches |



| Physical data                     |  |                      |
|-----------------------------------|--|----------------------|
| Width                             |  | 74 mm / 2.913 inches |
| Height                            |  | 85 mm / 3.346 inches |
| Depth from upper-edge of DIN-rail |  | 62 mm / 2.441 inches |

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

| Material data                |  |            |
|------------------------------|--|------------|
| Contact material (connector) |  | Au over Ni |
| Fire load                    |  | 0.881 MJ   |
| Weight                       |  | 114 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)              |  | 4 (1) pcs                |
| Packaging type        |  | Box                      |
| Country of origin     |  | DE                       |
| GTIN                  |  | 4045454353612            |
| 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 8.0               |  | EC002780             |
| ECCN                   |  | NO US CLASSIFICATION |

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



Approvals / Certificates

General approvals



| Approval                   | Standard       | Certificate Name |
|----------------------------|----------------|------------------|
| EAC<br>GZO Almaty Standart | TP TC 004/2011 | EAC CoC 03084    |

Declarations of conformity and manufacturer's declarations

| Approval                                                | Standard | Certificate Name |
|---------------------------------------------------------|----------|------------------|
| EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -        | -                |

Downloads

Environmental Product Compliance

Compliance Search

|                                             |  |
|---------------------------------------------|--|
| Environmental Product<br>Compliance 289-617 |  |
|---------------------------------------------|--|

Documentation

Bid Text

|         |            |                 |  |
|---------|------------|-----------------|--|
| 289-617 | 19.02.2019 | xml<br>3.46 KB  |  |
| 289-617 | 09.02.2015 | doc<br>25.50 KB |  |

Instruction Leaflet

|                                                    |                       |                   |  |
|----------------------------------------------------|-----------------------|-------------------|--|
| Operation and Assemb-<br>ly Instructions Interface | V 1.0.0<br>02.04.2025 | pdf<br>1246.19 KB |  |
|----------------------------------------------------|-----------------------|-------------------|--|

CAD/CAE-Data

CAD data

|                      |  |
|----------------------|--|
| 2D/3D Models 289-617 |  |
|----------------------|--|

CAE data

|                              |  |
|------------------------------|--|
| EPLAN Data Portal<br>289-617 |  |
| WSCAD Universe<br>289-617    |  |
| ZUKEN Portal 289-617         |  |

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; translu-  
cent



**Item No.: 709-177**  
Marking strips; on reel; 7.5 mm wide; not  
stretchable; plain; snap-on type; translu-  
cent



**Item No.: 709-178**  
Marking strips; on reel; 7.5 mm wide; not  
stretchable; plain; snap-on type; white

### 1.1.2 Tool

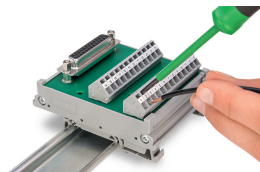
#### 1.1.2.1 Operating tool

**Item No.: 210-720**

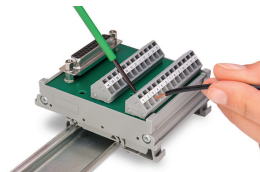
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

### Installation Notes

#### Conductor termination

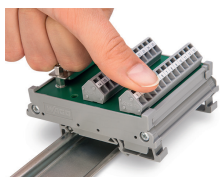


Conductor termination – screwdriver actuation parallel to conductor entry

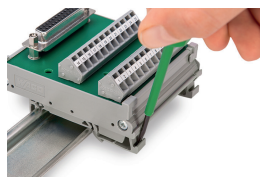


Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.