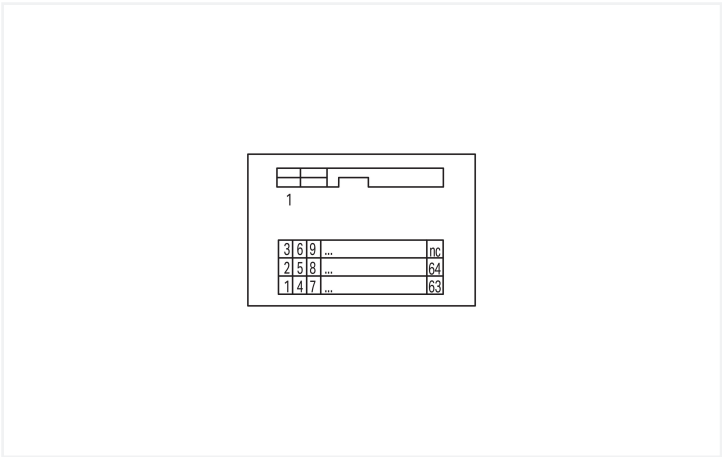




Similar to illustration

| 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                  | 50                                                |
| Connection type                | System                                            |
| Note (conductor cross-section) | 12 AWG: THHN, THWN                                |
| Mating direction               | vertical                                          |



| Connection 2            |                                   |
|-------------------------|-----------------------------------|
| Design                  | PCB terminal blocks (triple-deck) |
| Pole number             | 50                                |
| 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  |
| Strip length            | 5 ... 6 mm / 0.2 ... 0.24 inches  |

| Physical data                     |                      |
|-----------------------------------|----------------------|
| Width                             | 88 mm / 3.465 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                    | 0.996 MJ   |
| Weight                       | 141.5 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)              | 3 (1) pcs                |
| Packaging type        | Box                      |
| Country of origin     | DE                       |
| GTIN                  | 4045454353629            |
| 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                                           |
| EAC<br>GZO Almaty Standart                                                       | TP TC 004/2011 | EAC CoC 03084                                              |

| 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 289-618 |  |

| Documentation |            |                                                    |                                                                                       |
|---------------|------------|----------------------------------------------------|---------------------------------------------------------------------------------------|
| Bid Text      |            | Instruction Leaflet                                |                                                                                       |
| 289-618       | 19.02.2019 | xml<br>3.46 KB                                     |    |
| 289-618       | 09.02.2015 | doc<br>25.50 KB                                    |    |
|               |            | 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                                                                            | CAE data                                                                              |
| 2D/3D Models 289-618                                                                | EPLAN Data Portal<br>289-618                                                          |
|  |  |
|                                                                                     | WSCAD Universe<br>289-618                                                             |
|                                                                                     |  |
|                                                                                     | ZUKEN Portal 289-618                                                                  |
|                                                                                     |  |

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



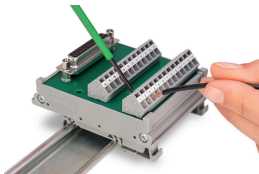
**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

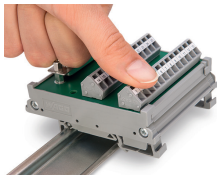


Conductor termination – screwdriver actuation parallel to conductor entry

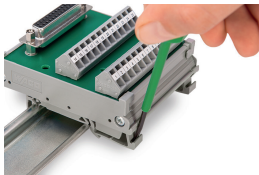


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.