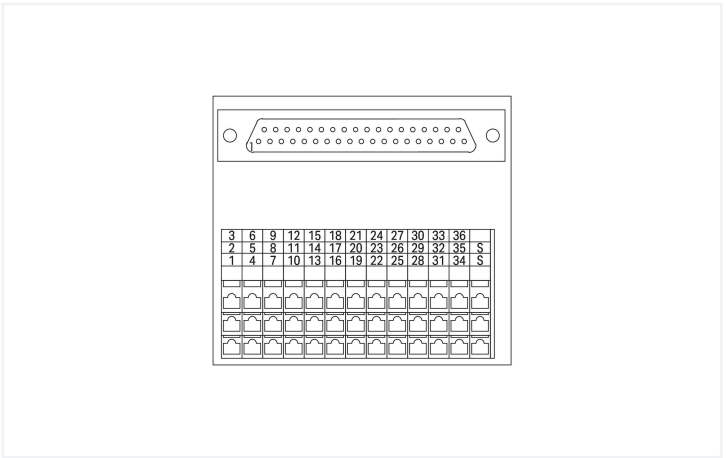


Data Sheet | Item Number: 289-624
Interface module; with solder pin; Female connector; 37-pole; Mating connector with solder connection; Vertical mounting; Triple-deck PCB terminal blocks; in mounting carrier; with shield connection; 2,50 mm²
<https://www.wago.com/289-624>



| Notes | |
|--------------------|--|
| Safety Information | 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. |

| Electrical data | |
|---------------------------|------------------------|
| Operating voltage | ≤ 125 VAC/VDC |
| Nominal current | 2 A |
| Contact resistance (max.) | 30 mΩ |
| Specialty functions | With shield connection |

| Safety and protection | |
|--|-----------------------|
| Rated Voltage | 125 V |
| Rated impulse withstand voltage | 0.8 kV |
| Pollution degree | 2 |
| Protection type | IP00 |
| Dielectric strength (channel/channel) (AC, 1 min.) | 1.3 kVrms |
| Insulation type | Functional 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 | 37 |
| Connection type | System |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |
| Mating direction | vertical |



| Connection 2 | |
|-------------------------|-----------------------------------|
| Design | PCB terminal blocks (triple-deck) |
| Pole number | 39 |
| 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 | 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 | 1.163 MJ |
| Weight | 123.2 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) | 3 (1) pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454516451 |
| Customs tariff number | 85366990990 |










| Product classification | |
|------------------------|----------------------|
| UNSPSC | 39121421 |
| 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 | | Declarations of conformity and manufacturer's declarations |
|  | | |
| Approval | Standard | Certificate Name |
| cURus Underwriters Laboratories Inc. | UL 508 | E175199 Vol.2 Sec.1 |
| EAC GZO Almaty Standart | TP TC 004/2011 | EAC CoC 03084 |
| Approval | Standard | Certificate Name |
| EU-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |

| Downloads | |
|---|---|
| Environmental Product Compliance | |
| Compliance Search | |
| Environmental Product Compliance 289-624 |  |

| Documentation | | | |
|--|-----------------------|-------------------|---|
| Bid Text | | | Instruction Leaflet |
| 289-624 | 19.02.2019 | xml 3.66 KB |  |
| 289-624 | 06.02.2015 | doc 26.50 KB |  |
| Operation and Assemb- ly Instructions Interface | V 1.0.0 02.04.2025 | pdf 1246.19 KB |  |

| CAD/CAE-Data | |
|---|---|
| CAD data | CAE data |
| 2D/3D Models 289-624 | EPLAN Data Portal 289-624 |
|  |  |
| | WSCAD Universe 289-624 |
| |  |
| | ZUKEN Portal 289-624 |
| |  |

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

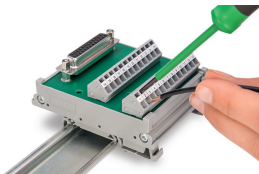
1.1.2.1 Operating tool



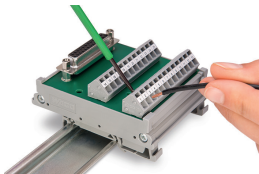
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

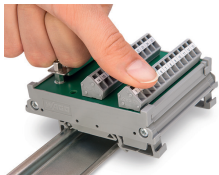


Conductor termination – screwdriver actuation parallel to conductor entry

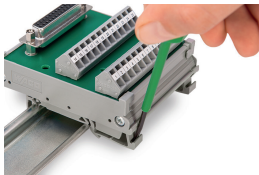


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.