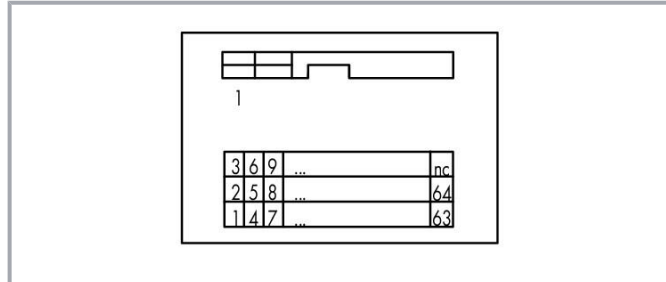
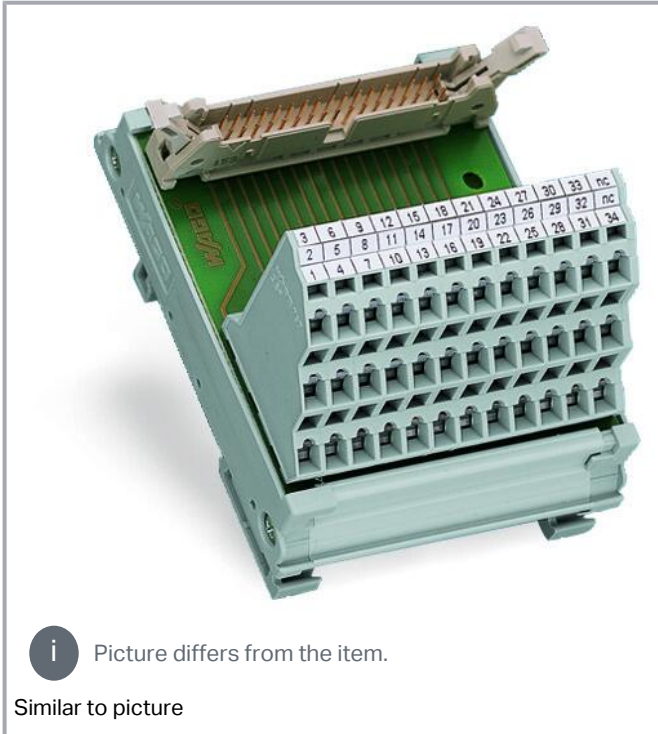


Data sheet | Item number: 289-619

Interface module; Pluggable connector per DIN 41651; 64-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²



www.wago.com/289-619



Data

Electrical data

| | |
|-------------------|---------------|
| Operating voltage | ≤ AC/DC 125 V |
| Nominal current | 1 A |

Safety and protection

| | |
|------------------|---|
| Rated voltage | 125 V |
| 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. |

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



| | |
|--|-----------------------|
| Dielectric strength (channel/channel) (AC, 1 min.) | 1.3 kV _{rms} |
| Insulation type | Functional insulation |

Connection data

| | |
|-------------------|----------------------|
| Performance level | 3 / 50 mating cycles |
|-------------------|----------------------|

Connection 1

| | |
|--------------------------------|---|
| Connector | DIN 41651 connector; male connector |
| Pole number 1 | 64 |
| Connection type 1 | System |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |
| Mating direction | vertical |
| Connection type | Male connector; pluggable connector per DIN 41651 |

Connection 2

| | |
|---------------------------|--|
| Design 2 | PCB terminal blocks (triple-deck) |
| Pole number 2 | 64 |
| Connection type 2 | Field |
| Connection technology 2 | CAGE CLAMP® |
| WAGO connector 2 | WAGO 737 Series |
| Solid conductor 2 | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor 2 | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Strip length 2 | 5 ... 6 mm / 0.2 ... 0.24 inches |

Physical data

| | |
|-----------------------------------|-----------------------|
| Width | 114 mm / 4.488 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 |
|------------------------------|------------|

Subject to changes. Please also observe the further product documentation!



| | |
|-----------|----------|
| Fire load | 1.544 MJ |
| Weight | 170.3 g |

Environmental requirements

| | |
|---------------------------------|----------------------|
| Ambient temperature (operation) | -20 ... +55 °C |
| Ambient 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) | 3 (1) pcs |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4045454329877 |
| Customs tariff number | 85366990990 |

Environmental Product Compliance

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

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------------------|
|  | EAC Brjansker Zertifizierungsstelle | TP TC 004/2011 | EAC RU C-DE.AM02.B.00122 /19 |


Declarations of conformity and manufacturer's declarations

Certificate

Subject to changes. Please also observe the further product documentation!





WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

| Logo | Approval | Additional Approval Text | name |
|--|--|--------------------------|------|
|  | EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Optional accessories

Marking accessories

| Marking strip | | | |
|--|---|--|--|
|  | Item no.: 709-196 Marking strips; for laser printer; translucent | | www.wago.com/709-196 |
|  | Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white | | www.wago.com/709-178 |
|  | Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent | | www.wago.com/709-177 |
| Tool | | | |
| Operating tool | | | |
|  | Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured | | www.wago.com/210-720 |

Downloads

Documentation

Bid Text

| | | | |
|------------------------|-------------|----------------|----------|
| 289-619 X81 - Datei | 2019 Feb 19 | xml 3.5 kB | Download |
| 289-619 doc - Datei | 2015 Feb 9 | doc 26.1 kB | Download |

Instruction Leaflet

| | | | |
|--|--|---------------|----------|
| | | pdf 1.3 MB | Download |
|--|--|---------------|----------|

Subject to changes. Please also observe the further product documentation!



Additional Information

| | | | |
|---|------------------------|---------------|----------|
| Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging | V 1.1.0 2022 Aug 18 | pdf 2.2 MB | Download |
|---|------------------------|---------------|----------|

CAD/CAE-Data

CAE data

| | | |
|---------------------------|-----|----------|
| EPLAN Data Portal 289-619 | URL | Download |
| WSCAD Universe 289-619 | URL | Download |
| ZUKEN Portal 289-619 | URL | Download |

CAD data

| | | |
|----------------------|-----|----------|
| 2D/3D Models 289-619 | URL | Download |
|----------------------|-----|----------|

Environmental Product Compliance

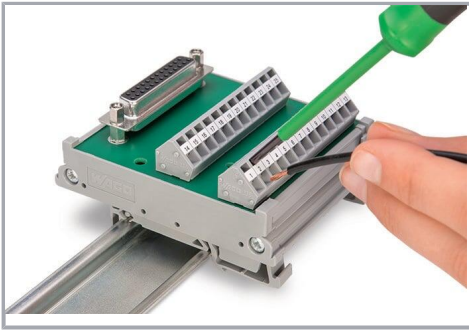
Compliance Search

| | | |
|--|-----|----------|
| Environmental Product Compliance 289-619 Interface module; Pluggable connector per DIN 41651; 64-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm ² | URL | Download |
|--|-----|----------|

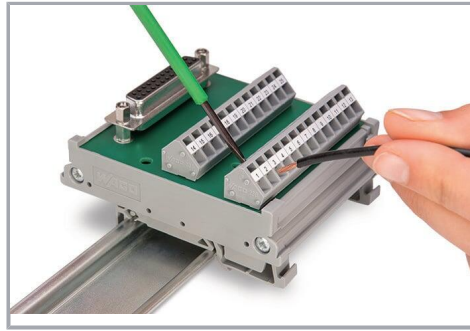
Installation Notes

Conductor termination

Subject to changes. Please also observe the further product documentation!

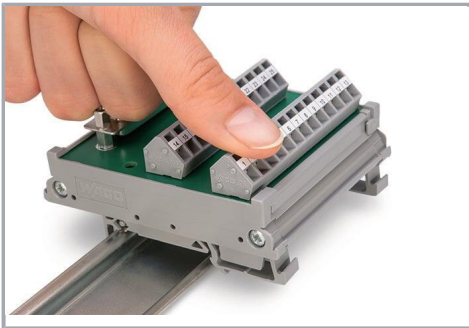


Conductor termination – screwdriver actuation parallel to conductor entry

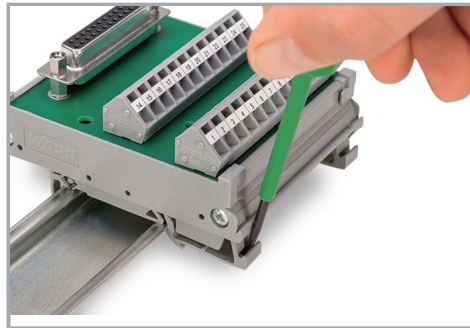


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

Subject to changes. Please also observe the further product documentation!