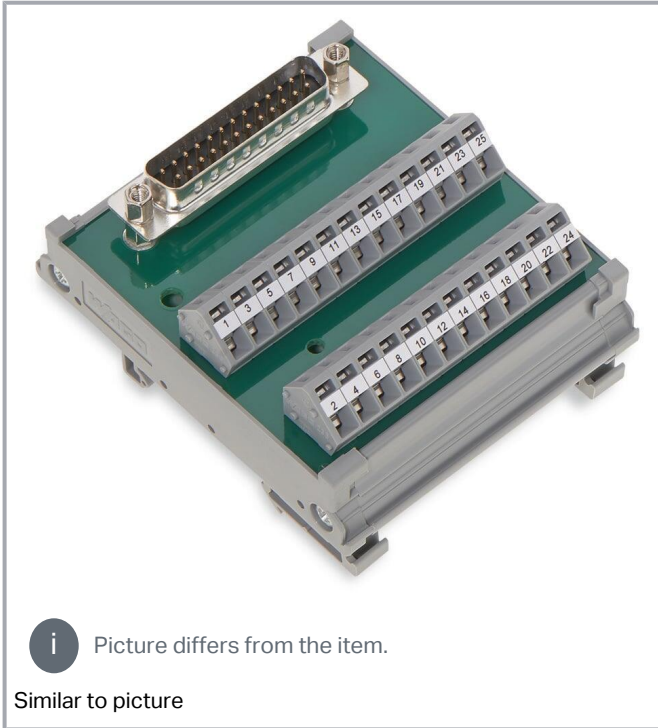


Data sheet | Item number: 289-544

Interface module; with solder pin; Male connector; 50-pole; for mating connectors with IDC; Vertical mounting; PCB terminal blocks, triple-row; in mounting carrier; 2,50 mm²

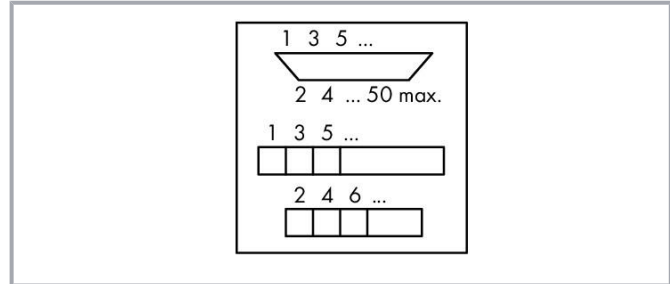


www.wago.com/289-544



i Picture differs from the item.

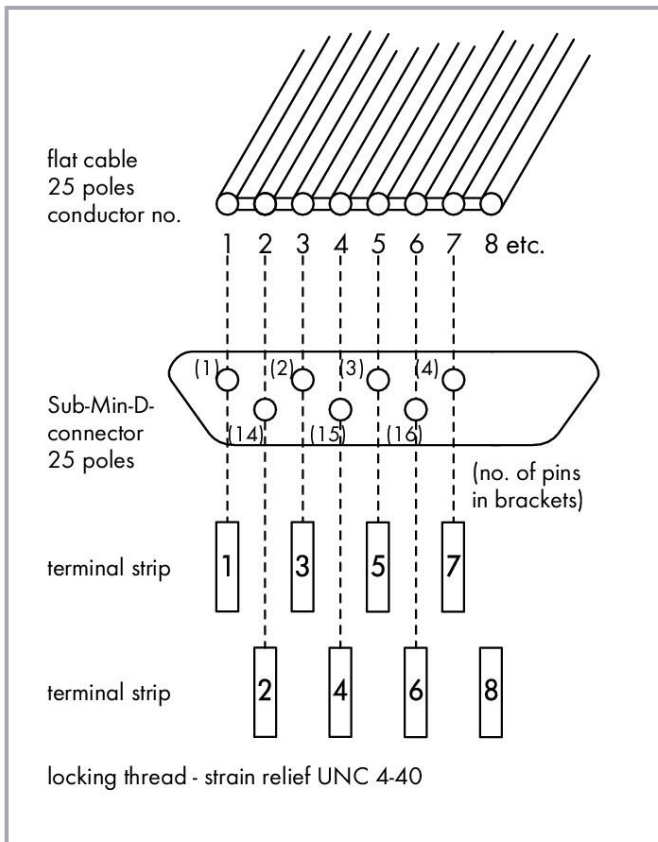
Similar to picture



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

WAGO GmbH & Co. KG
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Email: info.de@wago.com | Web: www.wago.com

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We are always happy to take your call at +49 (571) 887-44222.



Data

Electrical data

| | |
|---------------------------|---------------|
| Operating voltage | ≤ AC/DC 125 V |
| Nominal current | 2 A |
| Contact resistance (max.) | 30 mΩ |

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. |
| Dielectric strength (channel/channel) (AC, 1 min.) | 0.75 kV _{rms} |

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| | |
|-----------------|-----------------------|
| Insulation type | Functional insulation |
|-----------------|-----------------------|

Connection data

| | |
|-------------------|-----------------------|
| Performance level | 2 / 200 mating cycles |
| Strain relief | UNC 4-40 stud bolt |

Connection 1

| | |
|--------------------------------|--------------------------------|
| Connector | D-subminiature male connector |
| Pole number 1 | 50 |
| Connection type 1 | System |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |
| Mating direction | vertical |
| For mating connector | with IDC |
| Connection type | Male connector; D-sub/HD D-sub |

Connection 2

| | |
|---------------------------|--|
| Design 2 | PCB terminal blocks (triple-row) |
| Pole number 2 | 50 |
| Connection type 2 | Field |
| Connection technology 2 | CAGE CLAMP® |
| WAGO connector 2 | WAGO 236 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 | 94 mm / 3.701 inches |
| Height | 85 mm / 3.346 inches |
| Depth from upper-edge of DIN-rail | 34 mm / 1.339 inches |

Mechanical Data

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

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



Material Data

| | |
|------------------------------|------------|
| Contact material (connector) | Au over Ni |
| Fire load | 1.399 MJ |
| Weight | 126 g |

Environmental requirements

| | |
|---------------------------------|----------------------|
| Ambient temperature (operation) | -20 ... +50 °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 | 4045454452216 |
| Customs tariff number | 85369010000 |

Environmental Product Compliance

| | |
|------------------------------------|--------------------------------------|
| CAS-No. | 7439-92-1 |
| REACH Candidate List Substance | Lead |
| RoHS Compliance Status | Compliant,With Exemption |
| RoHS Exemption | 6(c) 7(a) 7(c)-I 7(c)-II |
| SCIP notification number (Austria) | 8bebd6e9-0e05-4fdf-811c-c5dba1336061 |
| SCIP notification number (Belgium) | 1d5364e5-40a2-42f1-9a8c-0a701b7351f2 |

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| | |
|---|--------------------------------------|
| SCIP notification number (Bulgaria) | 9862e7f8-588b-4846-b592-95fda5f5358b |
| SCIP notification number (Czech Republic) | 5e3085b6-bbc1-4eb0-8b33-6042c5593337 |
| SCIP notification number (Denmark) | 657cde4d-0221-47e6-b60f-949a5a95c85d |
| SCIP notification number (Finland) | 5b7ecd8d-9faf-45a2-ad55-a0516bdbc4f5 |
| SCIP notification number (France) | 390fd549-2e39-4b57-a047-e1dd392ff083 |
| SCIP notification number (Germany) | ba33c737-df4e-4840-a3ea-7137eef4b5a9 |
| SCIP notification number (Hungary) | c873c66a-91f6-4e54-ace1-fcb04fd21cb2 |
| SCIP notification number (Italy) | 962eb620-d19a-4cb7-a302-229d921905a0 |
| SCIP notification number (Netherlands) | d5a3c85f-2626-403c-aa04-35017d70a01d |
| SCIP notification number (Poland) | 55f60432-5532-4bf8-a386-9ff01ec9cbb3 |
| SCIP notification number (Romania) | 62c70e42-5127-4358-8741-e26fe3aa7535 |
| SCIP notification number (Sweden) | dac45454-af16-4194-940a-05dec65e861f |


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 |
|  | UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 508 | E175199 Vol.2 Sec. 1 |

Optional accessories

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 |

Marking accessories

| | | |
|--|---|--|
| Marking strip | | |
|  | Item no.: 709-196 Marking strips; for laser printer; translucent | www.wago.com/709-196 |

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



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

Downloads

Documentation

Bid Text

| | | | |
|------------------------|------------|----------------|----------|
| 289-544 doc - Datei | 2015 Feb 6 | doc 26.6 kB | Download |
|------------------------|------------|----------------|----------|

Instruction Leaflet

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

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 289-544 | URL | Download |
| WSCAD Universe 289-544 | URL | Download |

Environmental Product Compliance

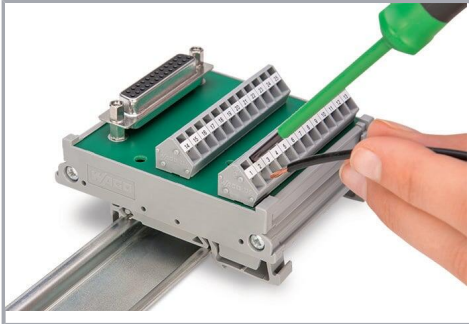
Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 289-544 Interface module; with solder pin; Male connector; 50-pole; for mating connectors with IDC; Vertical mounting; PCB terminal blocks, triple-row; in mounting carrier; 2,50 mm ² | URL | Download |
|---|-----|----------|

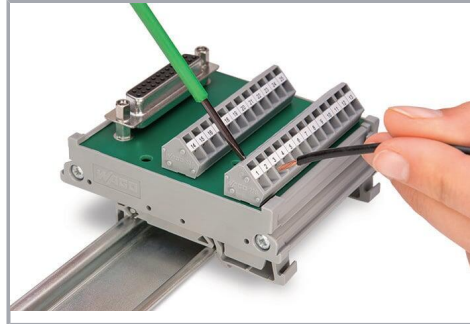
Subject to changes. Please also observe the further product documentation!

Installation Notes

Conductor termination

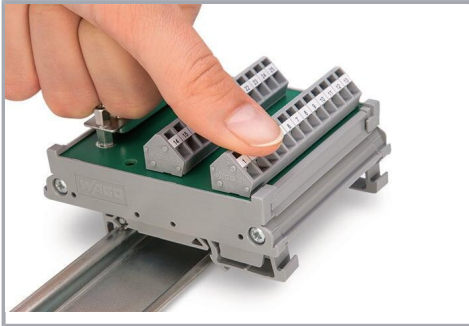


Conductor termination – screwdriver actuation parallel to conductor entry

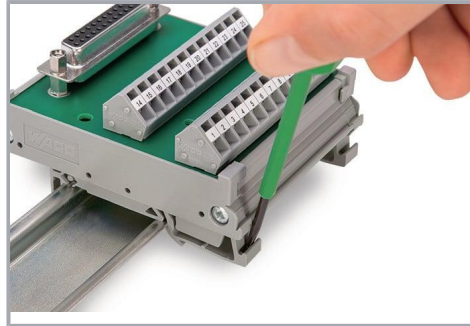


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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