

## Data

### Electrical data

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

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

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|                           |                        |
|---------------------------|------------------------|
| Contact resistance (max.) | 15 mΩ                  |
| Specialty functions       | with shield connection |

### Safety and protection

|                     |        |
|---------------------|--------|
| Rated voltage       | 125 V  |
| Rated surge voltage | 0.8 kV |
| Pollution degree    | 2      |
| Protection type     | IP20   |

### Connection data

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

### Connection 1

|                                |                         |
|--------------------------------|-------------------------|
| Connector                      | HD D-sub male connector |
| Pole number 1                  | 44                      |
| Connection type 1              | System                  |
| Note (conductor cross-section) | 12 AWG: THHN, THWN      |
| Mating direction               | vertical                |

### Connection 2

|                           |  |
|---------------------------|--|
| Design 2                  | PCB terminal blocks (triple-deck)            |
| Pole number 2             | 44   |
| Connection type 2         | Field  |
| Connection technology 2   | CAGE CLAMP®                                  |
| WAGO connector 2          | WAGO 737 Series                              |
| Solid conductor 2         | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor 2 | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Strip length 2            | 5 ... 6 mm / 0.2 ... 0.24 inches             |

### Physical data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 79 mm / 3.11 inches  |
| Height                            | 85 mm / 3.346 inches |
| Depth from upper-edge of DIN-rail | 62 mm / 2.441 inches |

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## Mechanical Data

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

## Material Data

|                              |            |
|------------------------------|------------|
| Contact material (connector) | Au over Ni |
| Fire load                    | 1.242 MJ   |
| Weight                       | 128.9 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) |
| eCl@ss 10.0           | 27-14-11-52              |
| eCl@ss 9.0            | 27-14-11-52              |
| ETIM 8.0              | EC002780                 |
| ETIM 7.0              | EC002780                 |
| Recupel Type          |                          |
| PU (SPU)              | 4 (1) pcs                |
| Packaging type        | box                      |
| Country of origin     | DE                       |
| GTIN                  | 4045454353551            |
| Customs tariff number | 85366990990              |

## Environmental Product Compliance

|                                |                          |
|--------------------------------|--------------------------|
| CAS-No.                        | 7439-92-1                |
| REACH Candidate List Substance | Lead                     |
| RoHS Compliance Status         | Compliant,With Exemption |
| RoHS Exemption                 | 6(c)                     |

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|   |                                      |
|---|--------------------------------------|
| SCIP notification number (Austria)        | 16263914-9eb6-49bc-aa28-0e1fba25980e |
| SCIP notification number (Belgium)        | 9038331d-eea8-44c6-8272-a67e08503df3 |
| SCIP notification number (Bulgaria)       | 84cee0ba-b3ac-4301-8779-c10bd2eccc3d |
| SCIP notification number (Czech Republic) | 05484361-c8ae-4a7a-b3cb-3be3ea727a38 |
| SCIP notification number (Denmark)        | d1271ac5-606b-4d7d-8c53-67f27718707e |
| SCIP notification number (Finland)        | 909d2086-450f-48e0-ac9e-ae7dad22b52e |
| SCIP notification number (France)         | b76d4e0d-c3e6-49e7-8175-6556ff674da2 |
| SCIP notification number (Germany)        | 03fd5343-8011-4bbf-98cf-82b724563ee2 |
| SCIP notification number (Hungary)        | db70be68-2338-4483-872b-6387cf387f39 |
| SCIP notification number (Italy)          | 13b43b59-712b-44ae-9f49-caf1b66ea656 |
| SCIP notification number (Netherlands)    | b48e5fba-f58f-432b-a69d-e043c11dcf1d |
| SCIP notification number (Poland)         | 12a67c48-2a5c-416f-854a-99c754f86387 |
| SCIP notification number (Romania)        | 4022a133-b8c9-4854-8817-773c83fe095b |
| SCIP notification number (Sweden)         | c5248b12-0115-40e0-9583-0cd15c7a368a |

## Approvals / Certificates

### General approvals

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

### Declarations of conformity and manufacturer's declarations

| Logo | Approval  | Additional Approval Text | Certificate name |
|------|---|--------------------------|------------------|
|      | <b>EU-Declaration of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |

## Downloads

### Documentation

#### Instruction Leaflet

pdf  
1.3 MB

[Download](#)

## CAD/CAE-Data

### CAE data

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|                           |                     |                          |
|---------------------------|---------------------|--------------------------|
| EPLAN Data Portal 289-597 | <a href="#">URL</a> | <a href="#">Download</a> |
|---------------------------|---------------------|--------------------------|

|                        |                     |                          |
|------------------------|---------------------|--------------------------|
| WSCAD Universe 289-597 | <a href="#">URL</a> | <a href="#">Download</a> |
|------------------------|---------------------|--------------------------|

## Environmental Product Compliance

### Compliance Search

|  |                     |                          |
|--|---------------------|--------------------------|
| Environmental Product Compliance 289-597<br>Interface module; 2,50 mm <sup>2</sup> | <a href="#">URL</a> | <a href="#">Download</a> |
|--|---------------------|--------------------------|

## Installation Notes

### Conductor termination

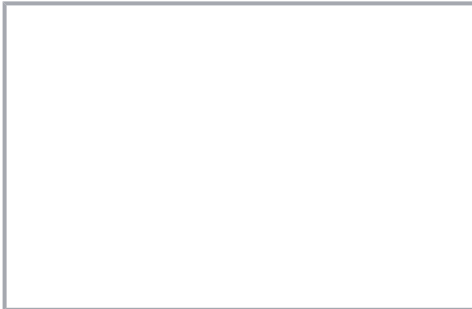


Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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