

Interface-Relay-Compact (IRC) Complete, Consisting of base IRC... with screw connection and pluggable miniature relay PRC... with power contact, Mounting type: Mounting rail TS 35, 1 CO contact, Input voltage: 125 VAC/DC

### Business data

|  |                   |
|--|-------------------|
| Article number                             | <u>16233.2</u>    |
| Article name                               | IRCU 1/125V AC/DC |
| GTIN (EAN)                                 | 4044211200176     |
| Packaging unit                             | 10                |
| Quantity unit                              | PC                |
| Weight per piece (not including packaging) | 37.7 g            |
| Weight per piece (including packaging)     | 37.7 g            |
| Unit of weight                             | G                 |
| Customs number                             | 85364900          |
| Country of origin                          | QU                |
| Product description                        | Relay terminal    |

### Technical data

#### Dimensions

|                            |         |
|----------------------------|---------|
| Length                     | 87 mm   |
| Width                      | 6.2 mm  |
| Height TS 35 / 7.5 with BA | 90.7 mm |

#### Ratings

|                      |                  |
|----------------------|------------------|
| Rated voltage Un     | 110-125 VAC/DC - |
| Overvoltage category | III              |
| Contamination degree | 3                |

#### Connection data

|  |                     |
|--|---------------------|
| Connection principle                         | Screw connection    |
| Wire cross-section single core (rigid), min. | 0.2 mm <sup>2</sup> |
| Wire cross-section single-core (rigid), max. | 2.5 mm <sup>2</sup> |
| Wire cross-section stranded, min.            | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.            | 2.5 mm <sup>2</sup> |
| Stripping length                             | 10 mm               |
| Torque                                       | 0.5 Nm              |

#### Input data

|                   |            |
|-------------------|------------|
| Holding current   | 0,6 Un -   |
| Drop-out voltage  | 0.1 Un     |
| Operating range   | 0,8-1,1 Un |
| Power consumption | 0,7 W      |

#### Output data

|   |                    |
|---|--------------------|
| Switching voltage / switching voltage max.    | 230 / 400 VAC      |
| Continuous current max. / Inrush current max. | 6 / 10 A           |
| Contact configuration                         | 1 CO contact       |
| Switching capacity, max.                      | 1500 VA            |
| Electrical lifespan (AC1)                     | 60x10 <sup>3</sup> |
| Mechanical lifespan                           | 10x10 <sup>6</sup> |
| Contact load, min.                            | 500 mW             |
| Bounce time at close of the NO/NC contact     | 3/8 ms             |

#### Materials

|                           |        |
|---------------------------|--------|
| Contact material          | AgNi   |
| Flammability class UL 94  | V-2    |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 70 °C  |

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### Technical data

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#### Further technical data

|                                    |           |
|------------------------------------|-----------|
| Degree of protection               | IP20      |
| Status display                     | ✓         |
| Insulation voltage coil/contact    | 1 kV      |
| Response/release time              | 12 / 5 ms |
| Insulation voltage contact/contact | 4 kV      |
| Vibration resistance NO/NC         | 10/5 g    |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2023-06-14 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | yes        |

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### Approvals

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#### Standards and regulations

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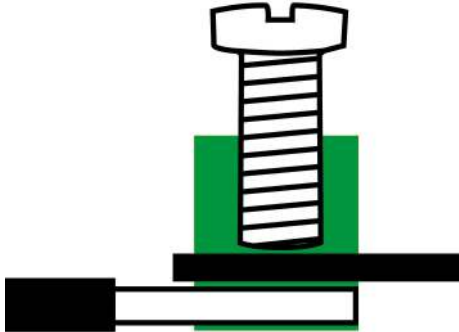
|                |                  |
|----------------|------------------|
| CE compliant   | yes              |
| cUL approval   | CSA-C22.2 No. 14 |
| UL approval    | UL 508           |
| UL Recognized  | 1                |
| cUL Recognized | 1                |

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### Media

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### Accessories

#### Cross-connector

External cross-connector insulated for Interface-Relay-Compact (IRC), 16-pole, can be shortened, Voltage: 250 V, Current: 6 A



| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>16209.4</u> | AQI/IRC/16 BK | 4044211187651 | 10             |

#### Quick marking

Terminal marker, Length: 12 mm, Width: 6 mm, Colour: White

| Article number | Article name           | GTIN (EAN)    | Packaging unit |
|----------------|------------------------|---------------|----------------|
| <u>28262.7</u> | PC-CPM-11 E 6X12/48 WH | 4044211211790 | 1344           |



Device and installation markers / Maxicard, Length: 6 mm, Width: 12 mm, Colour: White

| Article number | Article name    | GTIN (EAN)    | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>3884.7</u>  | MC GS 6x12 R WH | 4044211154547 | 600 ST         |



Device and installation markers / Maxicard, Length: 6 mm, Width: 12 mm, Colour: White

| Article number | Article name       | GTIN (EAN)    | Packaging unit |
|----------------|--------------------|---------------|----------------|
| <u>3885.7</u>  | MC GS 6x12 R So WH | 4044211154554 | 600 ST         |

#### Screwdriver

Screwdriver with bare blade, Colour: Black-grey



| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1086.0</u>  | SDB 0,6x3,5  | 4044211014797 | 1 ST           |

#### Partition plate

## 16233.2 IRCU 1/125V AC/DC



Partition plate for Interface-Relay-Compact (IRC) for separating relay blocks, variable width: 1.5 or 6.2 mm

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>16228.2</u> | TW/IRC       | 4044211187675 | 10 ST          |