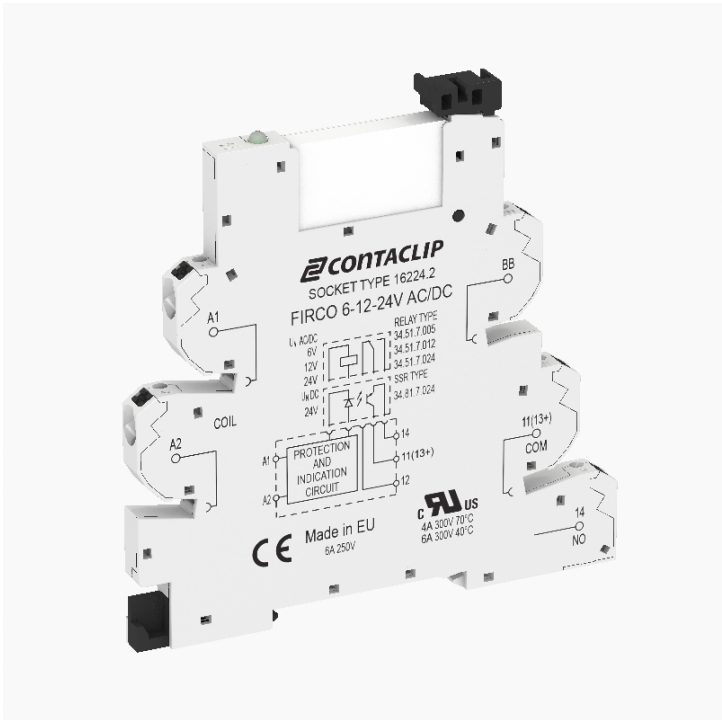


Data sheet

16280.2 FIRCOU 1/6V AC/DC



Interface-Relay-Compact (IRC) Complete, Consisting of base FIRCO... with Push-In connection and pluggable miniature relay with power contact, Mounting type: Mounting rail TS 35, 1 CO contact, Input voltage: 6 VAC/DC

Business data

| | |
|--|-------------------|
| Article number | 16280.2 |
| Article name | FIRCOU 1/6V AC/DC |
| GTIN (EAN) | 4044211200596 |
| Packaging unit | 10 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 33.6 g |
| Weight per piece (including packaging) | 33.6 g |
| Unit of weight | G |
| Customs number | 85364900 |
| Country of origin | DE |
| 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 | 6 VAC/DC - |
| Overvoltage category | III |
| Contamination degree | 3 |

Connection data

| | |
|--|---------------------|
| Connection principle | Push-in connection |
| Wire cross-section single core (rigid), min. | 0.2 mm ² |
| Wire cross-section single-core (rigid), max. | 2.5 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 2.5 mm ² |
| Stripping length | 8 mm |

Input data

| | |
|-------------------|------------|
| Holding current | 0,6 Un - |
| Drop-out voltage | 0.1 Un |
| Operating range | 0,8-1,1 Un |
| Power consumption | 0,2 W |

Output data

| | |
|---|--------------------|
| Switching voltage / switching voltage max. | 230 / 400 VAC |
| Continuous current max. / Inrush current max. | 6 / 10 A |
| Contact configuration | 1 NO contact |
| Switching capacity, max. | 1500 VA |
| Electrical lifespan (AC1) | 60x10 ³ |
| Mechanical lifespan | 10x10 ⁶ |
| Contact load, min. | 50 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 |

Data sheet

16280.2 FIRCOU 1/6V AC/DC



Technical data

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 |

Data sheet

16280.2 FIRCOU 1/6V AC/DC

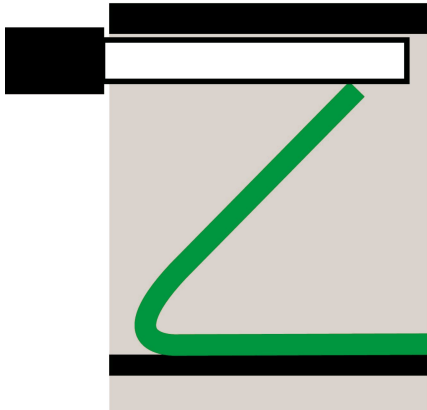


Approvals

Standards and regulations

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

Media



16280.2 FIRCOU 1/6V AC/DC

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



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 |



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 |

Relays

16280.2 FIRCOU 1/6V AC/DC



Plug-in miniature power relay, With power contact, 1 CO contact, Input voltage: 5 VDC

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>15500.2</u> | PRC 1/5V DC | 4044211118174 | 10 ST |

Adapter



Plug adapter for Interface-Relay-Compact (IRC), ribbon plug-in connector, 14-poles, according to IEC 60603-13, for 8 relay channels, Positive switching, Rated voltage: 24 VDC

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>16229.2</u> | FCA/IRC | 4044211187682 | 10 ST |



Connection adapter for Interface-Relay-Compact (IRC) with Push-In connection, connection doubler to 2x1.5mm²

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>16354.2</u> | DCA/FIRC | 4044211204655 | 10 ST |

Partition plate



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 |