

Interface-Relay-Compact (IRC) Complete, Consisting of base IRCP... 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>16239.2</u>
Article name	IRCPU 1/125V AC/DC
GTIN (EAN)	4044211200237
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	40.4 g
Weight per piece (including packaging)	40.4 g
Unit of weight	G
Customs number	85364900
Country of origin	DE
Product description	Relay terminal

### Technical data

#### Dimensions

Length	94.3 mm
Width	6.2 mm
Height TS 35 / 7.5 with BA	90.7 mm

#### Ratings

Rated voltage $U_n$	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 $U_n$ -
Drop-out voltage	0.1 $U_n$
Operating range	0,8-1,1 $U_n$
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>7</sup>
Contact load, min.	500 mW
Bounce time at close of the NO/NC contact	3/8 ms

### Technical data

#### Materials

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

#### 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
Can hold a fuse in the P-contact	✓

#### Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-01-17
REACH Candidate Substance Note	No
RoHS Conform	yes

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### Approvals

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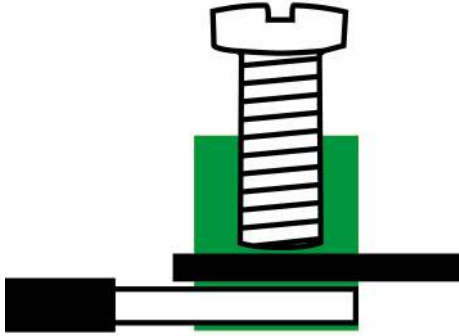
#### Standards and regulations

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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



**C** **RU**<sup>®</sup> **US**

### 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

#### Fuse modules

## 16239.2 IRCPU 1/125V AC/DC



Interface-Relay-Compact (IRC) fuse module to combine with IRCP, FIRCP, MFR-IRCP and MFR-FIRCP relays and socket bases, for holding 5x20 fuse, Voltage: 250 V, Current: 6 A

Article number	Article name	GTIN (EAN)	Packaging unit
<u>16208.2</u>	SM-IRC	4044211187637	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