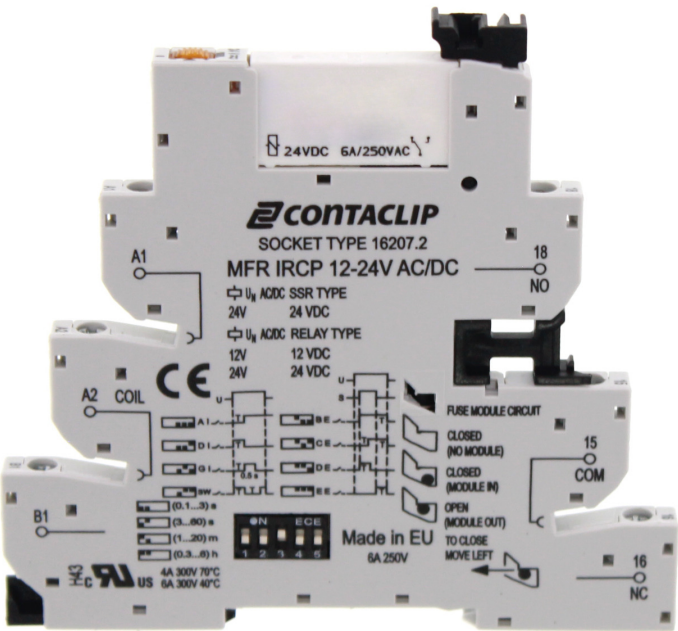


Data sheet

16255.2 MFR IRCPU 1/12V AC/DC



Multifunction timing relay module, Interface Relay Compact (IRC) complete, Consisting of base MFR-IRCP with Screw connection and Plug-in miniature relay PRC with power contact, Mounting type: TS 35, 1 Changeover contact, Input voltage: 12 VAC / DC

Business data

Article number	16255.2
Article name	MFR IRCPU 1/12V AC/DC
GTIN (EAN)	4044211200374
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	43 g
Weight per piece (including packaging)	44 g
Unit of weight	G
Customs number	85364900
Country of origin	DE
Product description	Complete module

16255.2 MFR IRCPU 1/12V AC/DC

Technical data

Dimensions

Length	94.3 mm
Width	6.2 mm
Height TS 35 / 7.5 with BA	95.4 mm

Ratings

Rated voltage	250 V
Rated frequency min.	50 Hz
Rated frequency max.	60 Hz
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

Connection data

Connection principle	Screw 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	10 mm
Torque	0.5 Nm

Input data

Holding current	0,6 Un -
Drop-out voltage	0.1 Un
Power supply AC/DC	12 V
Control pulse length, min.	50 ms
Power consumption	0,2 W
Tolerance	(0,8 - 1,1) Un
Power-on duration	50 ms
Recovery time	<50 ms

16255.2 MFR IRCPU 1/12V AC/DC

Technical data

Output data

Switching voltage, max.	400
Continuous current max. / Inrush current max.	6 / 10 A
Switching capacity, max.	1500 VA
Electrical lifespan (AC1)	60x10 ³
Mechanical lifespan	10x10 ⁶
Contact load, min.	500 mW
Relay contact	1 CO contact

Materials

Contact material	AgNi
Working temperature, min.	-40 °C
Working temperature, max.	50 °C

Time functions

Time range	0,1 s - 6 h
Setting ranges	4

Accuracy

Setting tolerance	± 5%
Repeat accuracy	± 1%

Control contact

Input	Voltage applied, terminals A1-B1
Response threshold	Automatically adjusted to supply voltage

Further technical data

Status display	✓
Storage temperature, min.	-25 °C
Storage temperature, max.	70 °C

Environmental Product Compliance

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

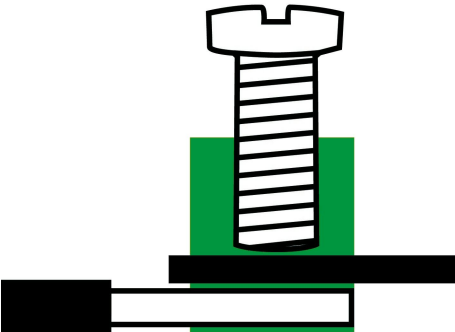
16255.2 MFR IRCPU 1/12V AC/DC

Approvals

Standards and regulations

CE compliant	yes
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Media



16255.2 MFR IRCPU 1/12V AC/DC

Accessories

Relays



Plug-in miniature power relay, With power contact, 1 CO contact, Input voltage: 12 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
<u>15501.2</u>	PRC 1/12V DC	4044211118136	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

Fuse modules



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

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

16255.2 MFR IRCPU 1/12V AC/DC

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

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

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