

Data sheet

MC274-4W 24 V DC

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P/N

110017251407

EAN 4251122194832

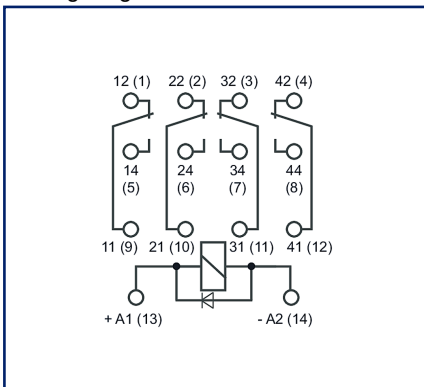
2023/06/23

Version: B

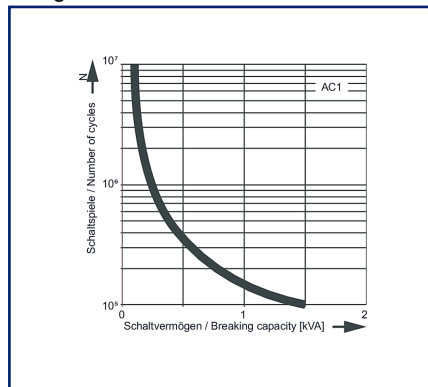
Illustrations



Wiring diagram



Diagramm



See enlarged drawings at the end of document

Product specification

Compact, pluggable relay for industrial use.

- Socket pins as soldering lugs
- mechanical switch position display
- With manual test button
- cadmium-free contacts
- LED-Indicator
- Free-wheeling diode (only variant DC)

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Technical Data

Supply

Operating voltage	24 V DC -10% ... +10%
Power consumption (max.)	38 mA
Response time typical	13 ms
Release time typical	3 ms
Coil resistance	640 Ohm

Outputs

Contacts	4 changeover contacts
Contact material	AgNi
Switching capacity (max.)	1500 VA
Switching frequency	1200 switching cycles/h
Switching voltage (max.)	250 V AC
Switching voltage (min.)	10 V at 30 mA
Switching current (min.)	5 mA
Switching capacity (min.)	300 mW
Continuous Current	7 A
Switch-on current	12 A
Switching capacity	
Switching capacity AC 1	6 A / 250 V AC
Switching capacity AC 14 (at 120 V)	0,6 A (D300)
Switching capacity AC 14 (at 240 V)	0,3 A (D300)
Switching capacity DC 13 (at 120 V)	0.22 A
Switching capacity DC 13 (at 250 V)	0,1 A (R300)
Breaking capacity (resistive load)	
Mechanical life	1x10 ⁷ switching cycles

Insulation coil - contact set

Nominal voltage of the power supply system	250 V AC
Overvoltage category	II
Degree of pollution	2
Rated test voltage	2.5 kV
Type of insulation	basic insulation



Technical Data

Housing

Dimensions

Dimension (W x H x D)	21 mm x 35.5 mm x 27.4 mm
Dimension (W x H x D)	0.827 in. x 1.398 in. x 1.079 in.
Weight	35 g
Mounting style	pluggable
Mounting position	any
Apposition	without distance
Connection type	plug-in connection

Protection category according to IEC 60529

Protection category (acc. to EN 116000-3)	RT I
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Temperature range

Operating

Temperature - Operating °C	-40 °C - 55 °C
Temperature - Operating °F	-40 °F - 131 °F

Storage

Temperature - Storage °C	-40 °C - 85 °C
Temperature - Storage °F	-40 °F - 185 °F

Power loss

Power loss (typical) coil	1 W
Power loss (typical) Contact rate	0.4 W

Classifications

ETIM 7.0	EC001437
ETIM 8.0	EC001437
ETIM 9.0	EC001437

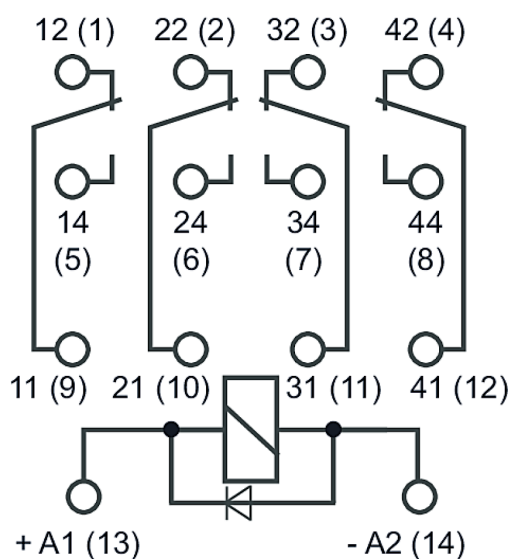
Accessories

P/N	Designation
110175	Socket 14 poles
110178	Socket 14 poles for electronic modules
110185	Socket 14 poles with spring-loaded terminals

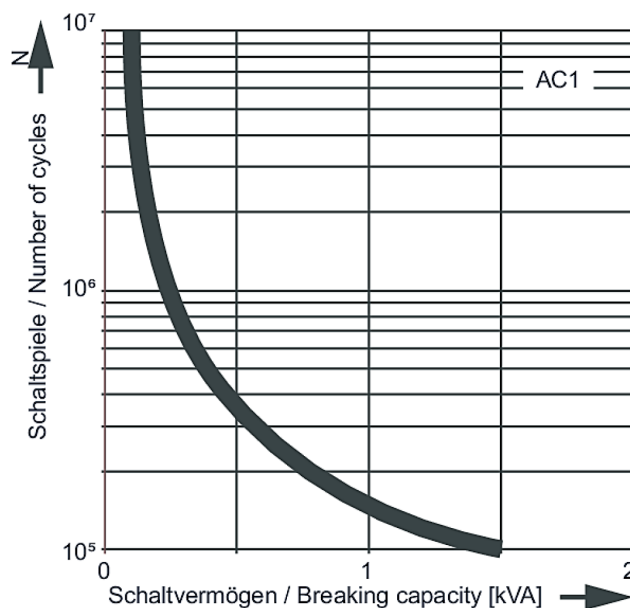


Illustrations

Wiring diagram



Diagramm



Illustrations

Diagramm

