

# Data sheet

## RTM-C12, 230 V AC

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P/N  
11027605

EAN 4250184121008

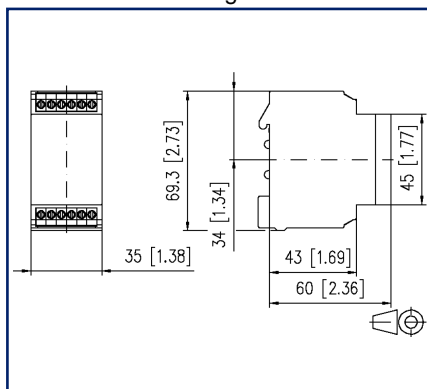
2022/04/12

Version: A

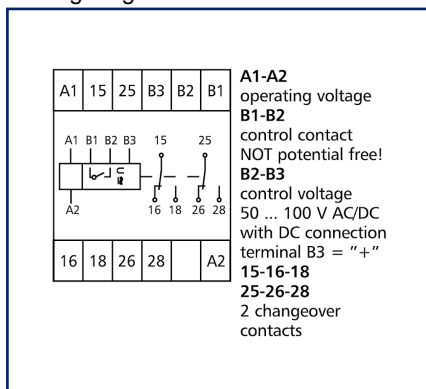
## Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

## Product specification

The timer relay is used for pulse prolongation. When the control contact is closed min. 5 ms, the relay is activated and releases after the adjusted pulse time has lapsed. Further control pulses during the pulse time do not have any effect.

- Adjustable pulse length: 0.15 to 3 s
- Connection with screw-type terminals

# Data sheet

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### Technical Data

#### Supply

Operating voltage	230 V AC -15% ... +10%
Power consumption (max.)	15 mA
Duty cycle relative	100 %
Response time typical	20 ms
Release time typical	20 ms
pulse times, adjustable	0.15 s - 3 s

#### Inputs

Minimum switch-on duration

Minimum switch-on duration (control contact)	$\geq 5$ ms
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#### Outputs

Contacts	2 changeover contacts
Contact material	AgNi 90/10
Switching voltage (max.)	250 V AC/DC
Continuous Current	8 A
Mechanical life	$3 \times 10^7$ switching cycles
Electrical life	$1 \times 10^5$ switching cycles
Recovery time	
Recovery time (control contact)	$\geq 20$ ms

#### Housing

Dimensions

Dimension (W x H x D)	35 mm x 69.3 mm x 60 mm
Dimension (W x H x D)	1.378 in. x 2.728 in. x 2.362 in.
Weight	160 g
Mounting style	Standard rail TH35
Mounting position	any
Apposition	without distance
Connection type	Screw type terminal blocks

#### Material

Material - Housing	Polyamid 6.6 V0
Color	gray
Material - Terminal block	Polyamid 6.6 V0
Material - Covers	Polycarbonat
REACH	compliant

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### Technical Data

#### Material

REACH - substance (SVHC) Lead / 7439-92-1

#### Protection category according to IEC 60529

Protection category - housing (acc. to IEC 60529) IP40

Protection category - terminal blocks (acc. to IEC 60529) IP20

#### Temperature range

##### Operating

Temperature - Operating °C -10 °C - 55 °C

Temperature - Operating °F 14 °F - 131 °F

##### Storage

Temperature - Storage °C -25 °C - 70 °C

Temperature - Storage °F -13 °F - 158 °F

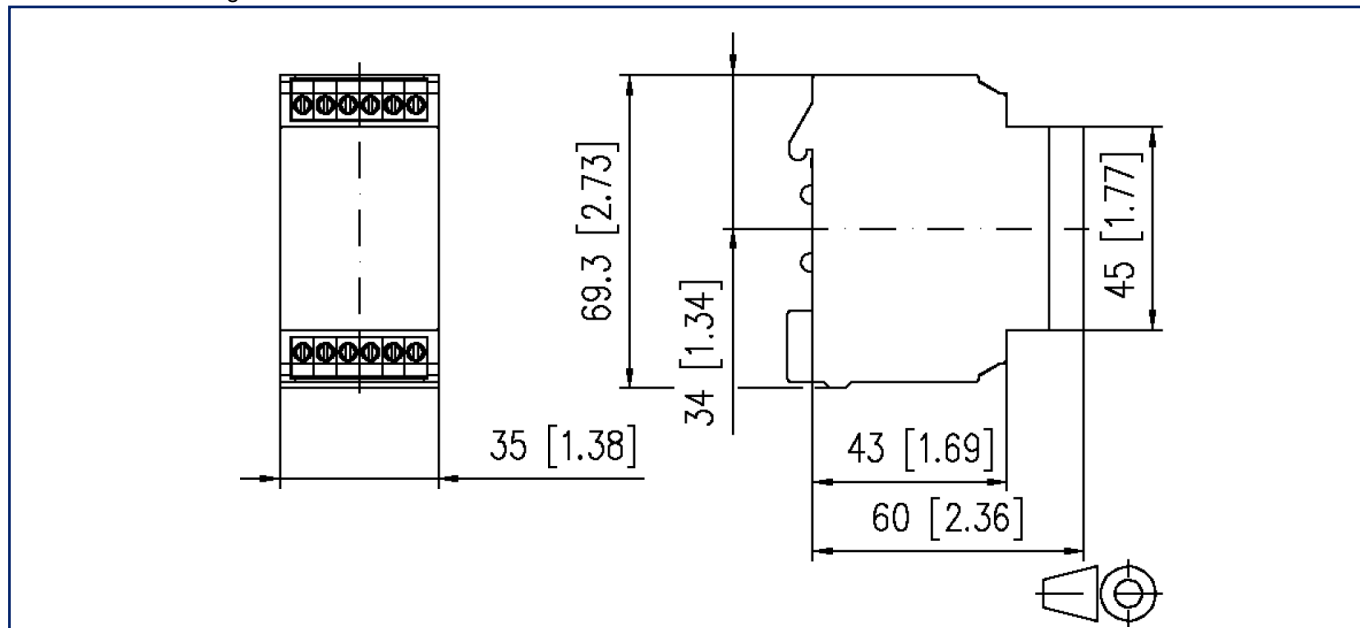
#### Classifications

ETIM 7.0 EC001439

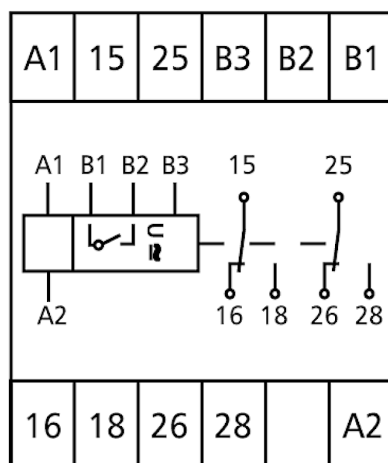
ETIM 8.0 EC001439

## Illustrations

Dimensional drawing



Wiring diagram



### A1-A2

operating voltage

### B1-B2

control contact

NOT potential free!

### B2-B3

control voltage

50 ... 100 V AC/DC

with DC connection

terminal B3 = "+"

### 15-16-18

### 25-26-28

2 changeover

contacts

## Illustrations

Function diagram

