

Data sheet

RTM-C12, 24 V AC/DC

Page 1/5

P/N
11027613

EAN 4250184121015

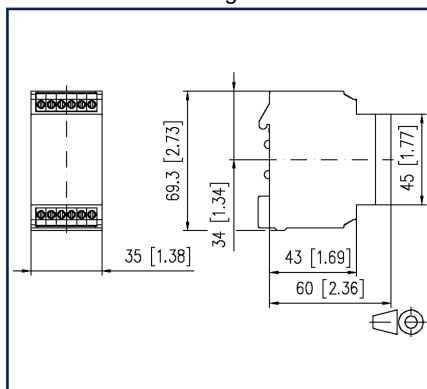
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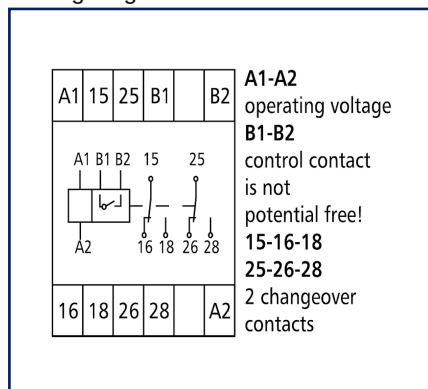
Illustrations



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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Page 2/5

P/N
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Technical Data

Supply

Operating voltage	24 V AC/DC -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)	>= 5 ms

Outputs

Contacts	2 changeover contacts
Contact material	AgNi 90/10 gold-plated
Switching voltage (max.)	250 V AC/DC
Continuous Current	8 A
Mechanical life	3x10 ⁷ switching cycles
Electrical life	1x10 ⁵ switching cycles
Recovery time	
Recovery time (control contact)	>= 20 ms

Insulation coil - contact set

Nominal voltage of the power supply system	230 / 400 V AC
Overvoltage category	III II
Degree of pollution	2 2
Rated test voltage	4 kV 2.5 kV
Type of insulation	basic insulation reinforced insulation

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	100 g
Mounting style	Standard rail TH35
Mounting position	any

Data sheet

RTM-C12, 24 V AC/DC

Page 3/5

P/N
11027613

EAN 4250184121015

2025/08/20

Version: H

Technical Data

Housing

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

Protection category according to IEC 60529

Protection category - housing (acc. to IEC 60529)	IP40
Protection category - terminal blocks (acc. to IEC 60529)	IP20

Climatic Data

Operating	
Temperature - Operating °C	-10 °C - 55 °C
Temperature - Operating °F	14 °F - 131 °F
Relative humidity	max. 85 % non-condensing
Storage	
Temperature - Storage °C	-25 °C - 70 °C
Temperature - Storage °F	-13 °F - 158 °F

Classifications

ETIM 7.0	EC001439
ETIM 8.0	EC001439
ETIM 9.0	EC001439
ETIM 10.0	EC001439

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



Data sheet

RTM-C12, 24 V AC/DC

Page 4/5

P/N

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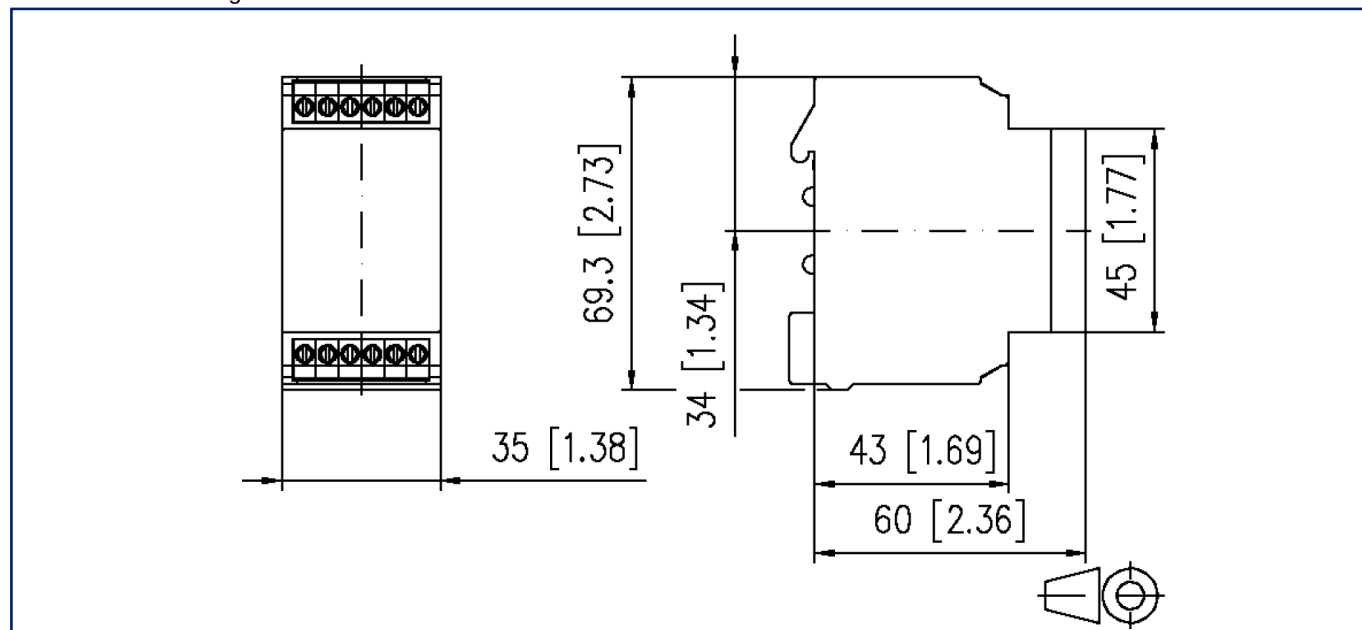
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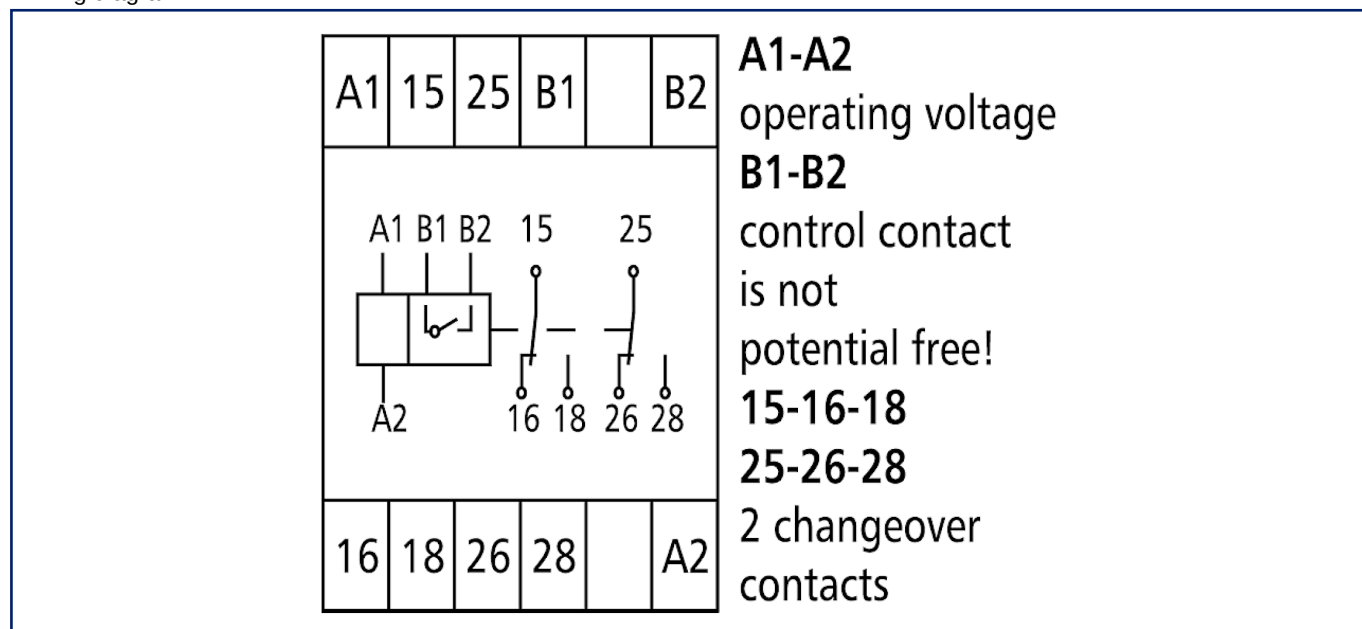
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Dimensional drawing



Wiring diagram



Data sheet
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Page 5/5

P/N
11027613

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Function diagram

