

Data sheet

MARK-E08 24 V DC, 12 V DC

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P/N

11065727

EAN 4250184122883

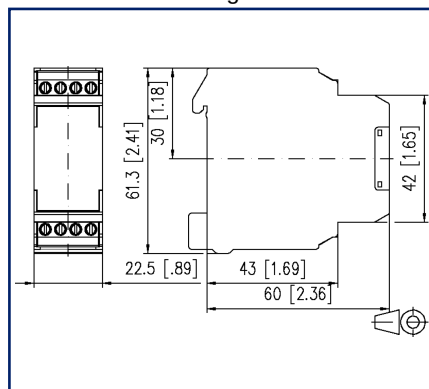
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Version: F

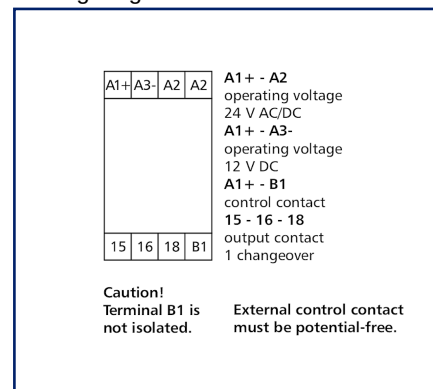
Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

Multifunctional timer relay with incorporated coding switches to set functions. The time is set by means of a linear potentiometer on a relative scale.

- Connection with screw type terminal blocks
- Eight adjustable time ranges from 0.15 s to 10 h
- Two selectable functions
 1. On-delayed
 2. Off-delayed

Technical Data

Supply

Operating voltage 24 V AC/DC / 12 V DC -10% ... +10%

Outputs

Contacts 1 changeover contact

Contact material AgSnO₂

Switching voltage (max.) 250 V AC

Continuous Current 6 A

Switching frequency 1200 switching cycles/h

Mechanical life 1x10⁷ switching cycles

Electrical life 1x10⁵ switching cycles

Recovery time

Recovery time (control contact) > 50 ms

Indicator green and red LED

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) 22.5 mm x 61.3 mm x 60 mm

Dimension (W x H x D) 0.886 in. x 2.413 in. x 2.362 in.

Weight 70 g

Mounting style Standard rail TH35

Mounting position any

Apposition without distance

Connection type Screw type terminal blocks

Technical Data

Terminal blocks

Wire cross section solid	0.34 mm ² - 2.5 mm ² / AWG 22-12
Wire cross section multi	0.25 mm ² - 2.5 mm ² / AWG 22-12
Wire cross section with wire ferrule	0.25 mm ² - 2.5 mm ² / AWG 22-12
Screw torque (max.)	0.5 Nm
Stripping length (min.)	8 mm

Material

Material - Housing	Polyamid 6.6 V0
Color	gray
Material - Terminal block	Polyamid 6.6 V0
Material - Covers	Polyamid 6.6 V0

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

Power loss

Power loss (typical)	1 W
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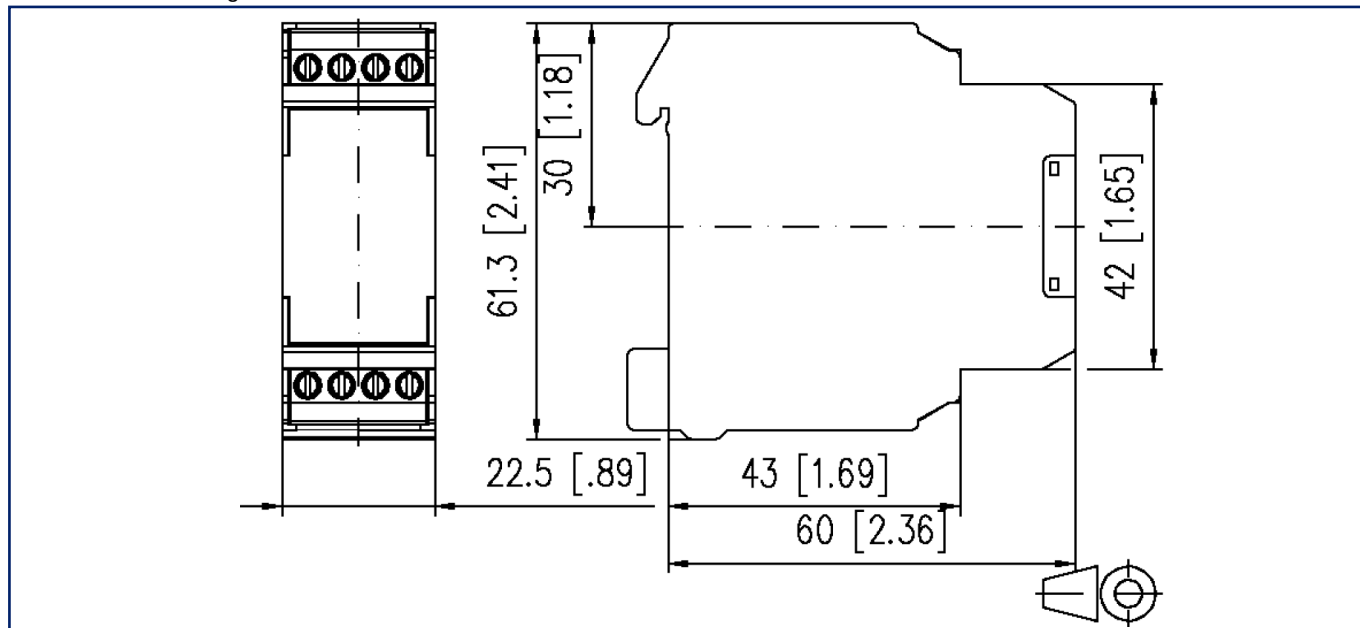
Classifications

ETIM 7.0	EC001439
ETIM 8.0	EC001439
ETIM 9.0	EC001439



Illustrations

Dimensional drawing



Wiring diagram

A1+	A3-	A2	A2
15	16	18	B1

A1+ - A2
operating voltage
24 V AC/DC

A1+ - A3-
operating voltage
12 V DC

A1+ - B1
control contact
15 - 16 - 18

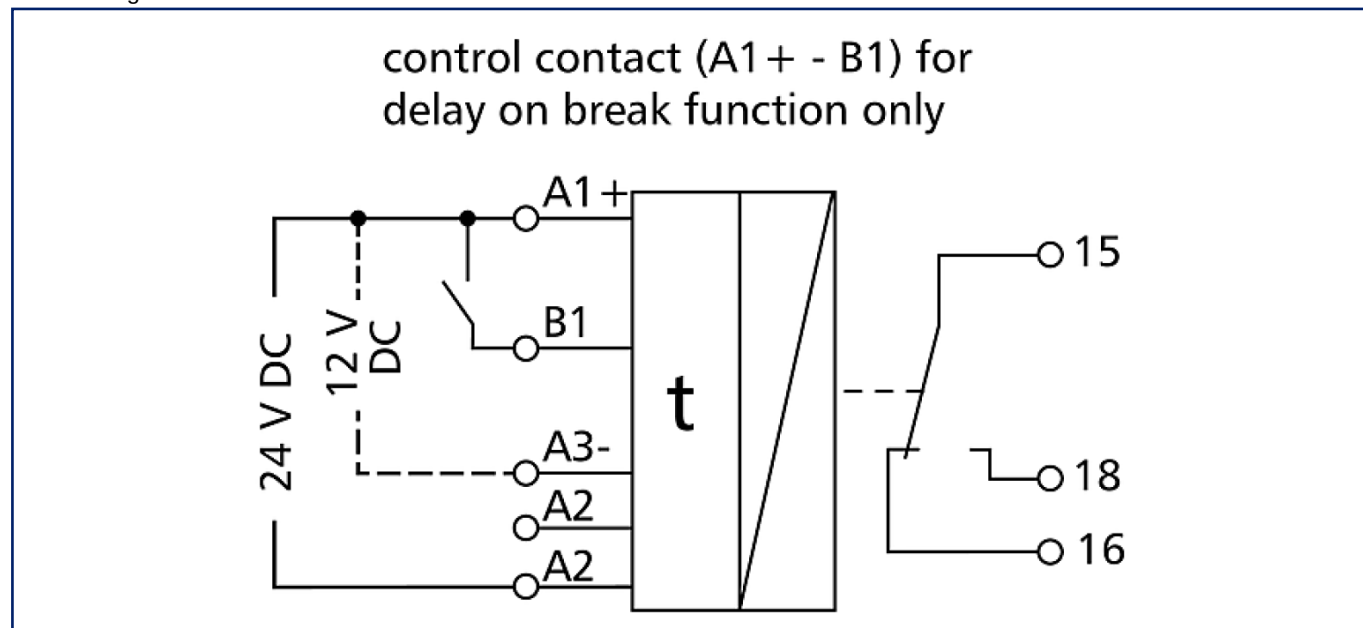
output contact
1 changeover

Caution!
Terminal B1 is
not isolated.

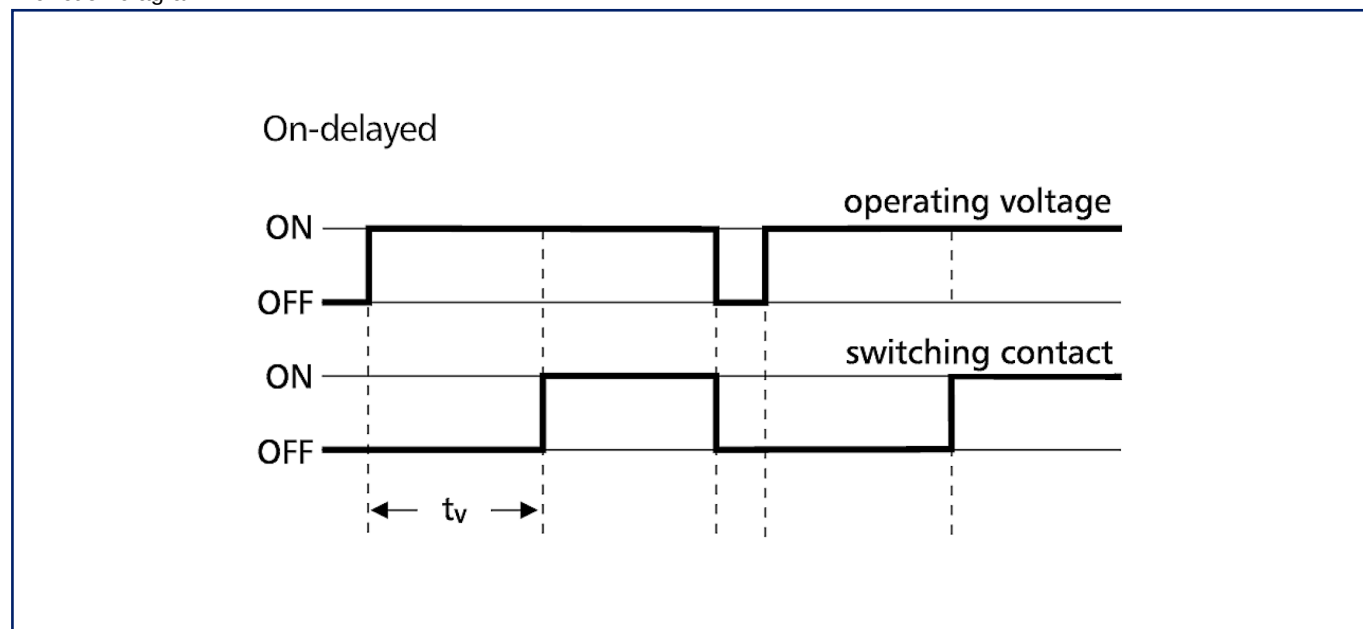
External control contact
must be potential-free.

Illustrations

Circuit diagram



Function diagram



Illustrations

Function diagram

