

Data sheet

MARK-F-E08 24 V DC, 12 V DC

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P/N

1106572770

EAN 4251394629261

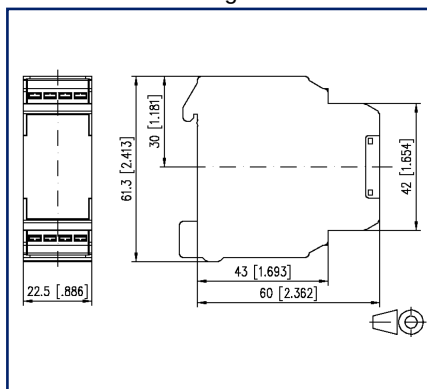
2026/09/23

Version: P

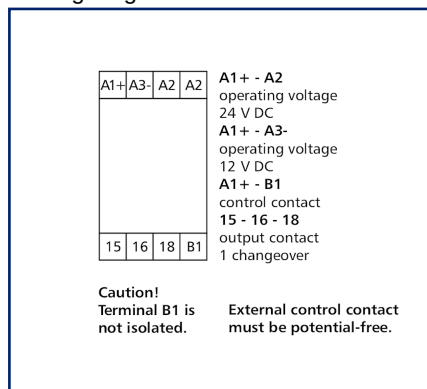
Illustrations



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 spring clamp terminal blocks (push-in)
- Eight adjustable time ranges from 0.15 s to 10 h
- Two selectable functions
 1. On-delayed
 2. Off-delayed

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Technical Data

Supply

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

Time Ranges

Time range adjustable 0.15 s - 10 h

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 Spring clamp terminal blocks



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Technical Data

Terminal blocks

Wire cross section solid	0.2 mm ² - 2.5 mm ² / AWG 24-14
Wire cross section multi	0.25 mm ² - 2.5 mm ² / AWG 24-12
Wire cross section with wire ferrule	0.25 mm ² - 1.5 mm ² / AWG 24-16
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

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

Power loss

Power loss (typical)	1 W
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Classifications

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

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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.



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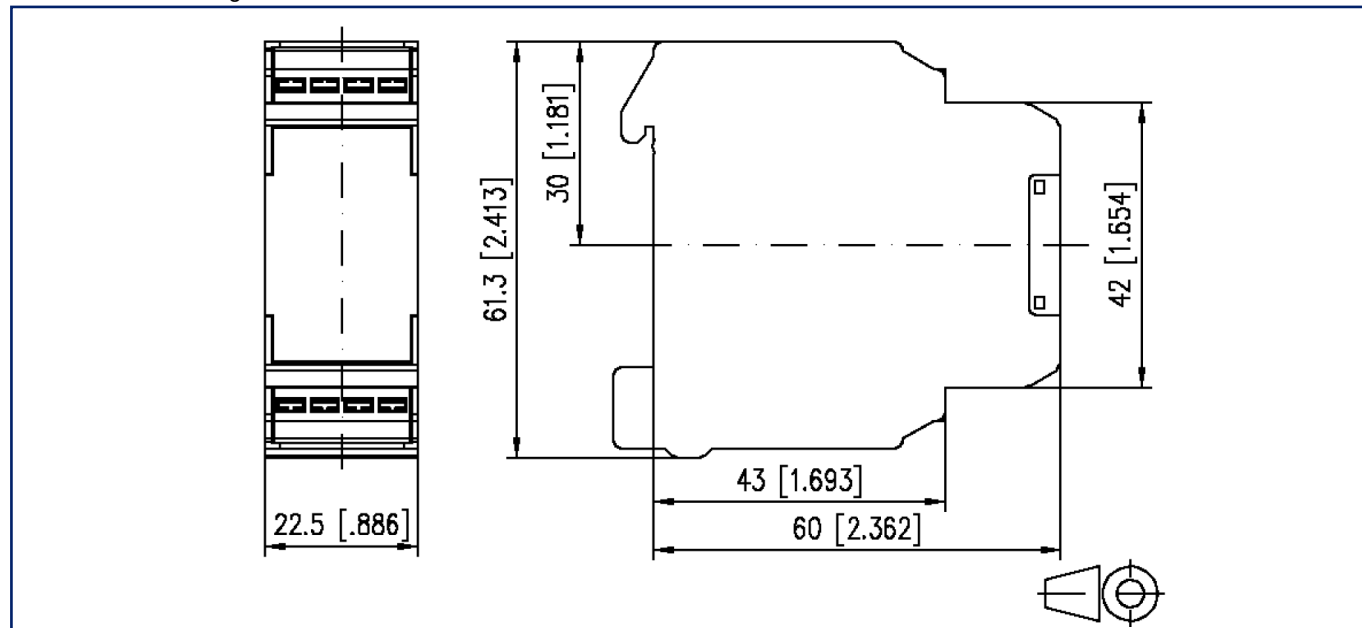
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Illustrations

Dimensional drawing



Wiring diagram

A1+	A3-	A2	A2
15	16	18	B1

A1+ - A2
operating voltage
24 V DC

A1+ - A3-
operating voltage
12 V DC

A1+ - B1
control contact
15 - 16 - 18

output contact
1 changeover

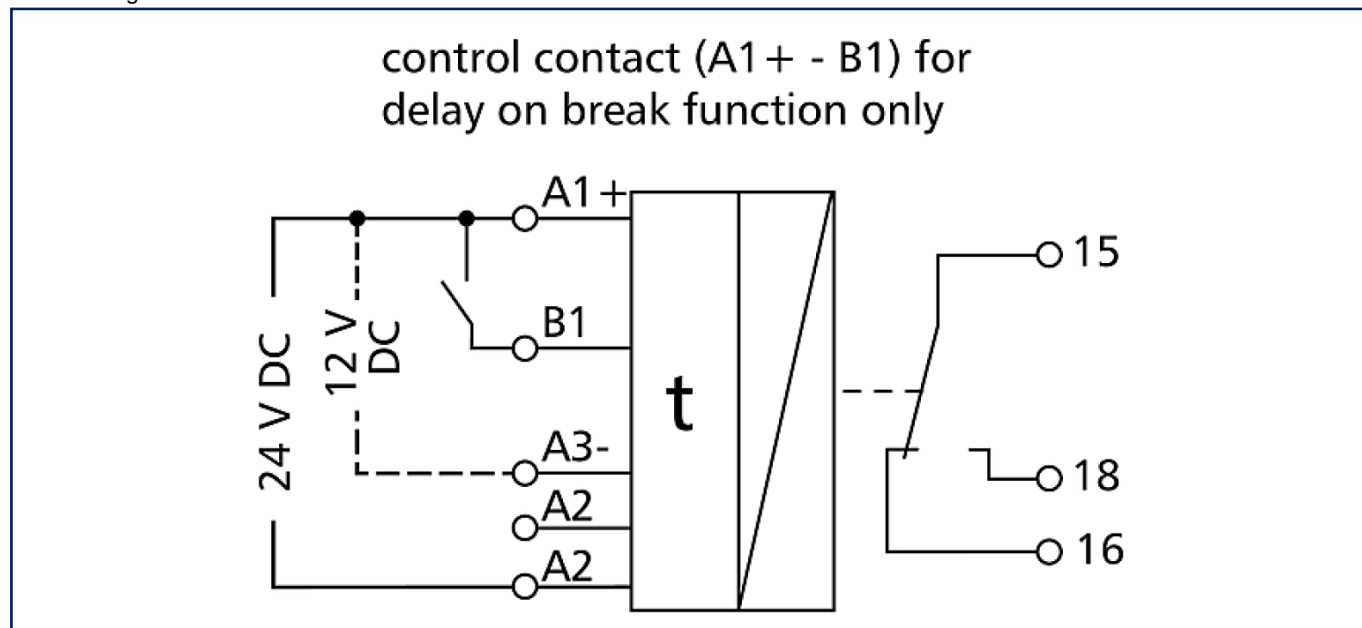
Caution!
Terminal B1 is
not isolated.

External control contact
must be potential-free.

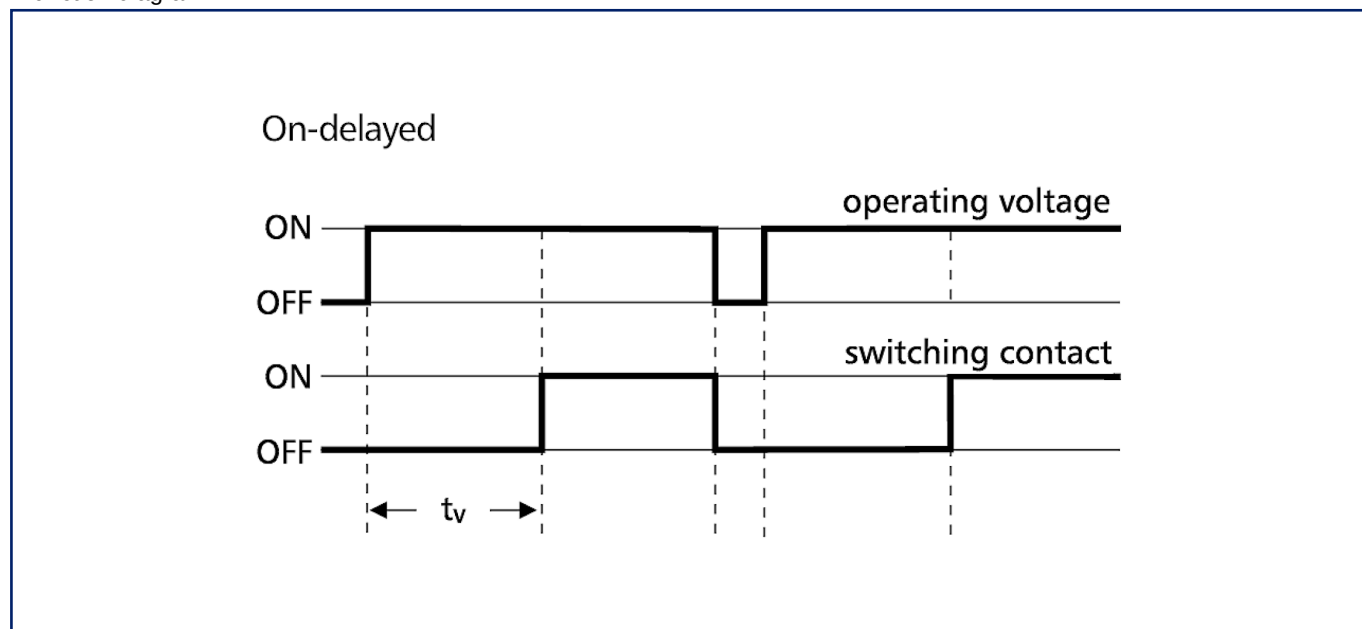


Illustrations

Circuit diagram



Function diagram



Illustrations

Function diagram

