

Data sheet

MARK-F-E08 230 V AC, 24 V AC/DC

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P/N

11065770

EAN 4251394620442

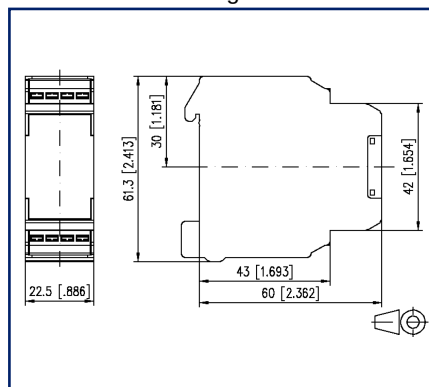
2023/06/20

Version: F

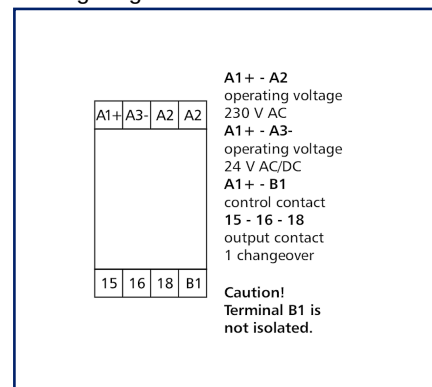
Illustrations



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 spring clamp terminal blocks (push-in)
- Eight adjustable time ranges from 0.15 s to 10 h
- Five selectable functions
 1. On-delayed
 2. Off-delayed
 3. Making-pulse interval
 4. Flashing for pause start
 5. Flashing for pulse start



Technical Data

Supply

Operating voltage 230 V AC / 24 V AC/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

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

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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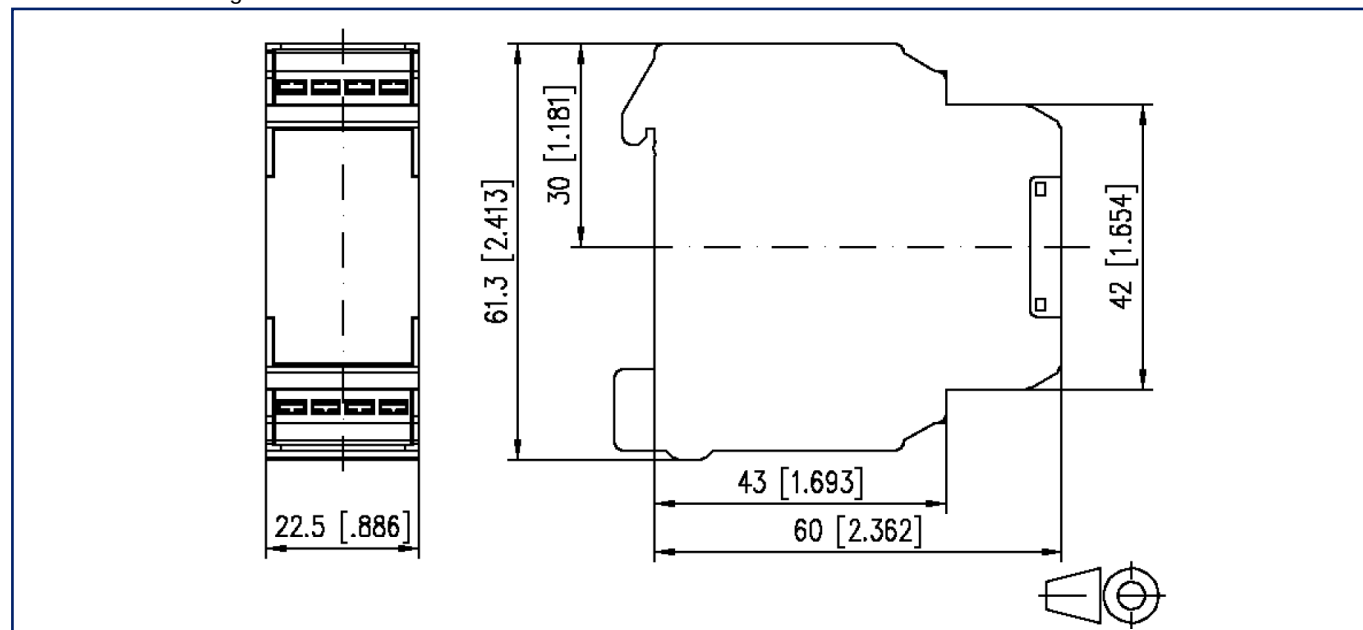
Classifications

ETIM 7.0	EC001439
ETIM 8.0	EC001439
ETIM 9.0	EC001439

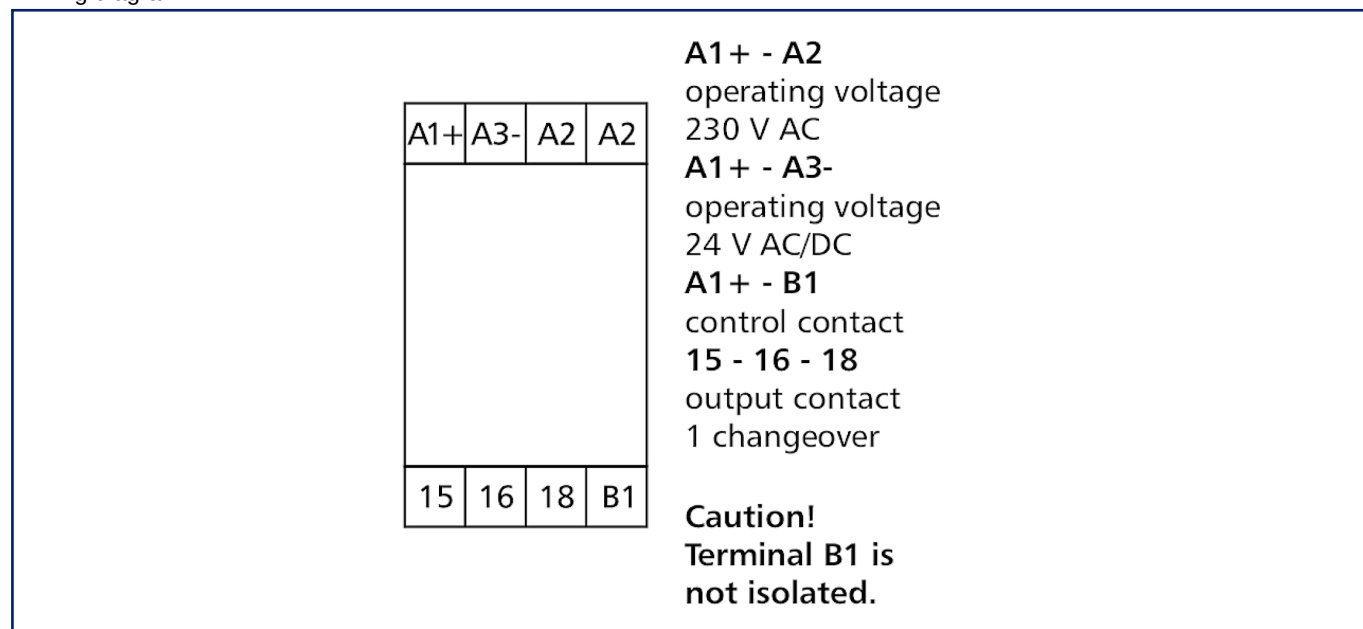


Illustrations

Dimensional drawing

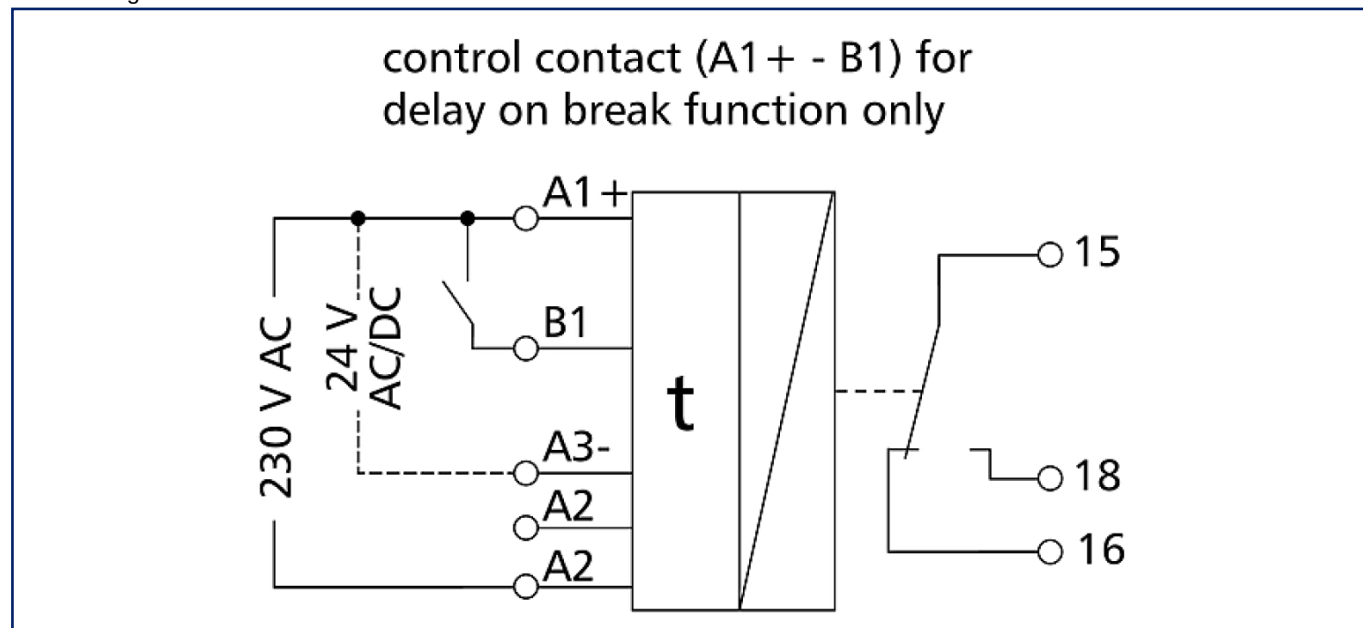


Wiring diagram

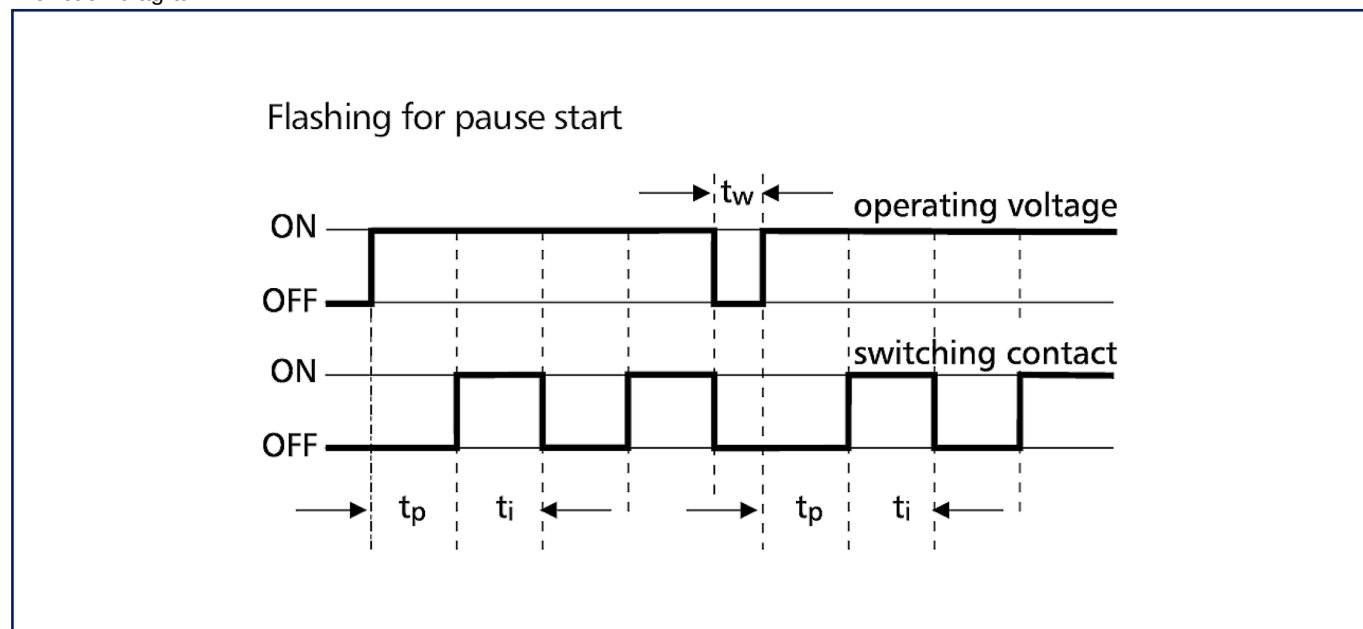


Illustrations

Circuit diagram



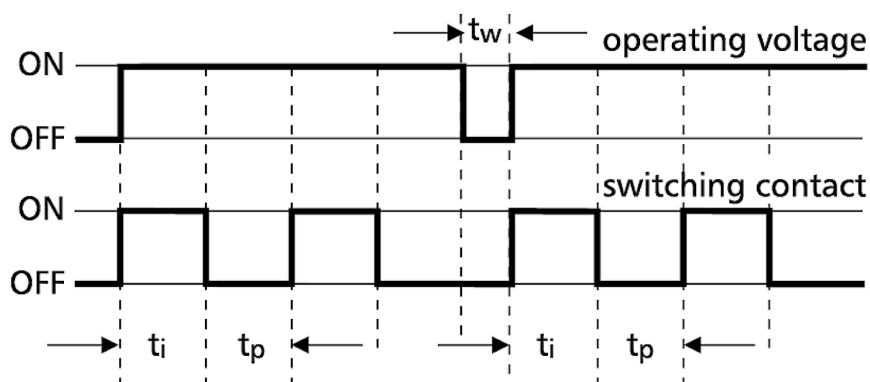
Function diagram



Illustrations

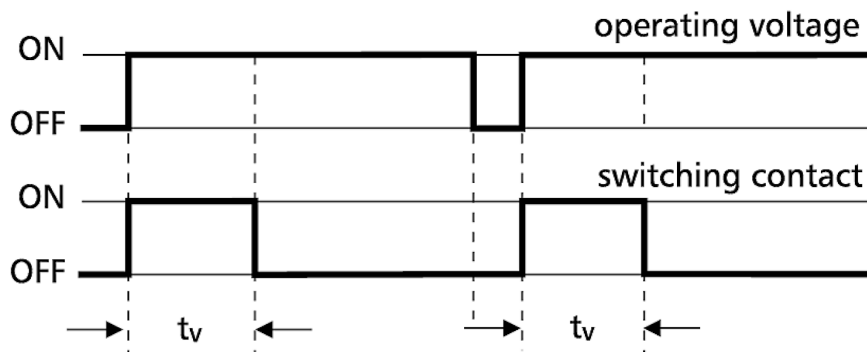
Function diagram

Flashing for pulse start



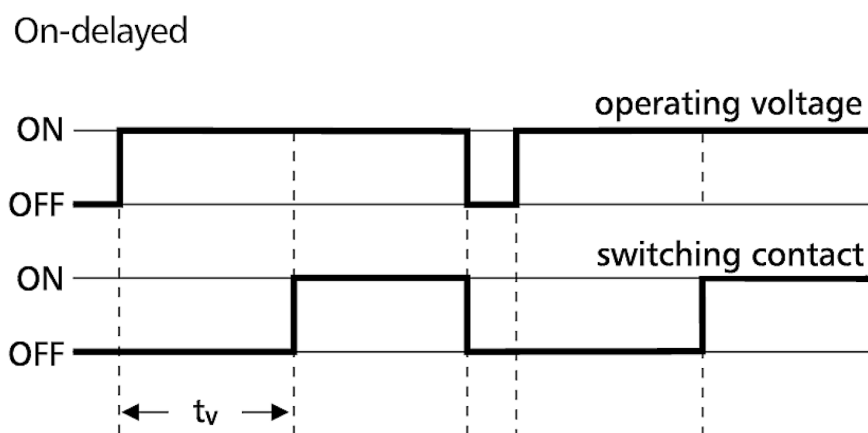
Function diagram

Making-pulse interval



Illustrations

Function diagram



Function diagram

