

Data sheet

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

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P/N

110657

EAN 4250184122876

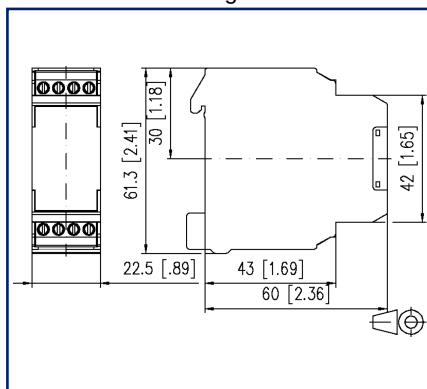
2025/08/18

Version: I

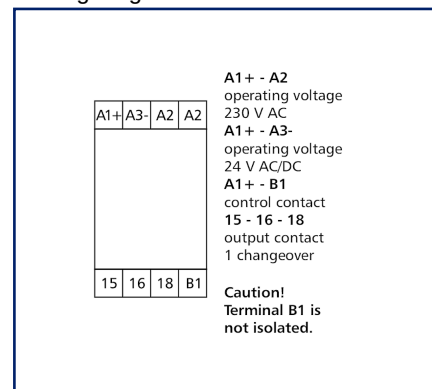
Illustrations



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
- Five selectable functions
 1. On-delayed
 2. Off-delayed
 3. Making-pulse interval
 4. Flashing for pause start
 5. Flashing for pulse start



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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 Screw type terminal blocks



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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

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. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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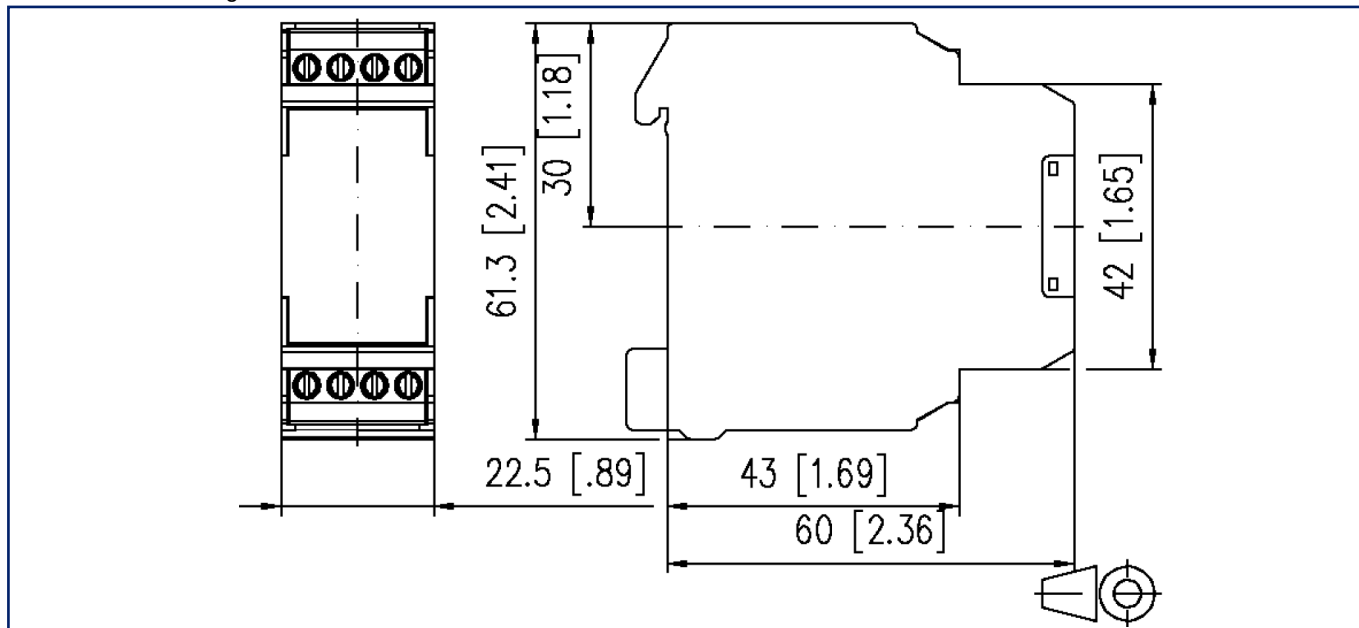
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Dimensional drawing



Wiring diagram

A1+	A3-	A2	A2
15	16	18	B1

A1+ - A2

operating voltage

230 V AC

A1+ - A3-

operating voltage

24 V AC/DC

A1+ - B1

control contact

15 - 16 - 18

output contact

1 changeover

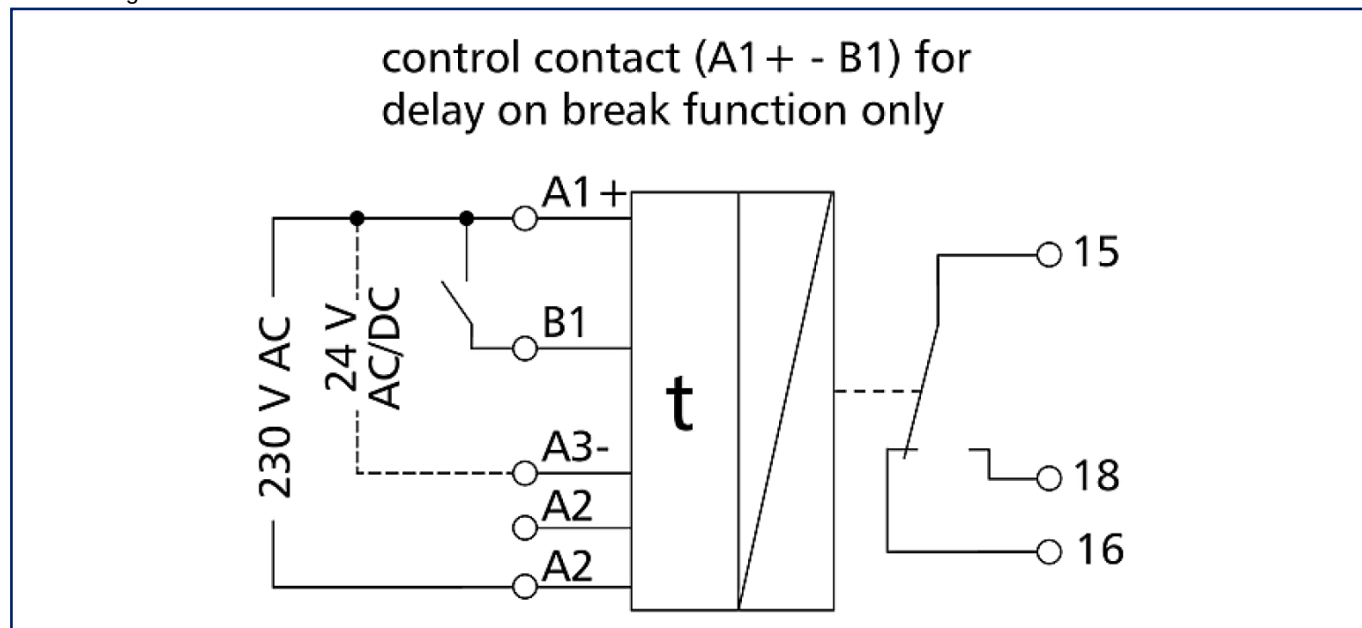
Caution!

Terminal B1 is not isolated.

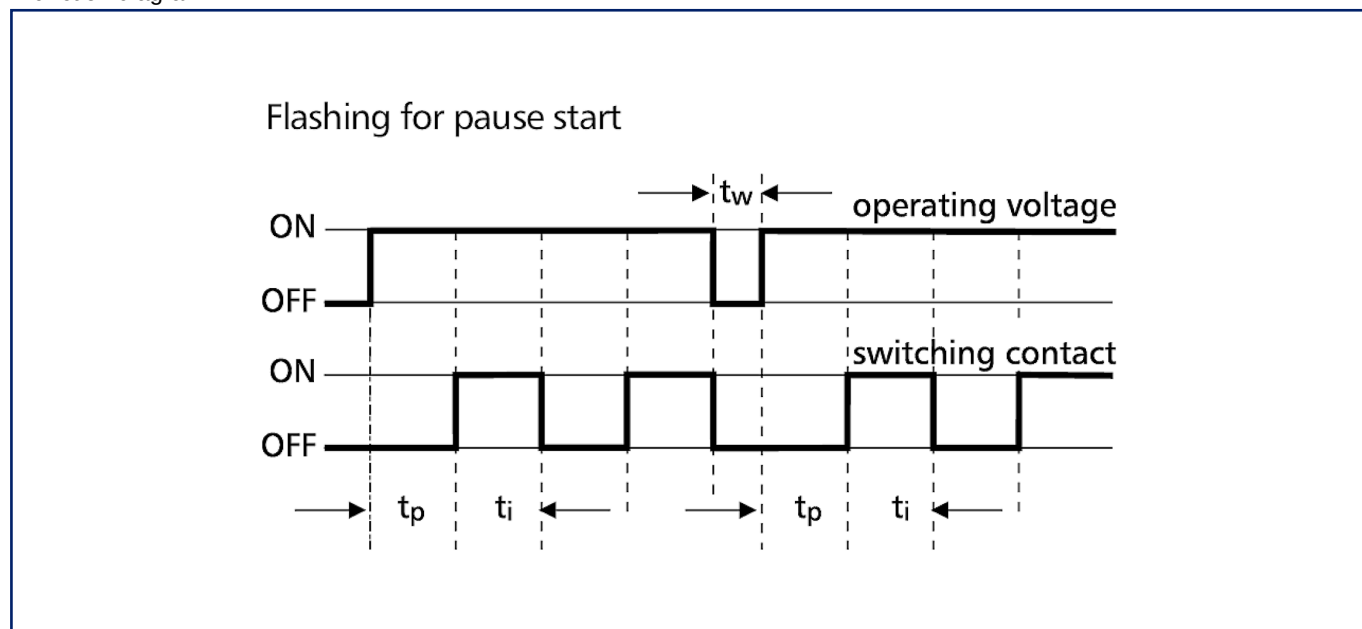


Illustrations

Circuit diagram



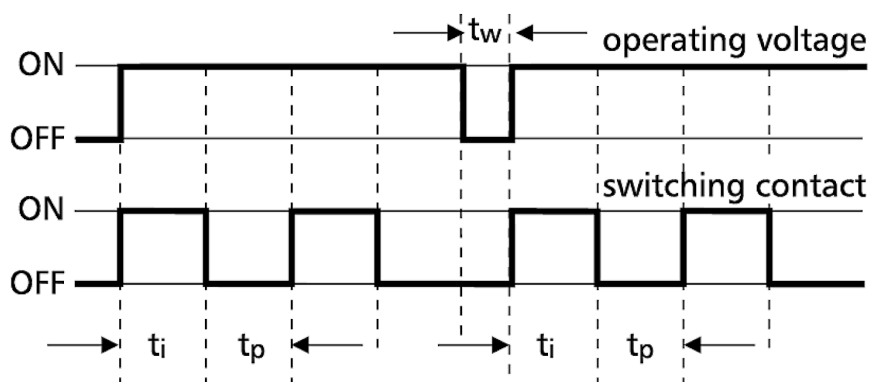
Function diagram



Illustrations

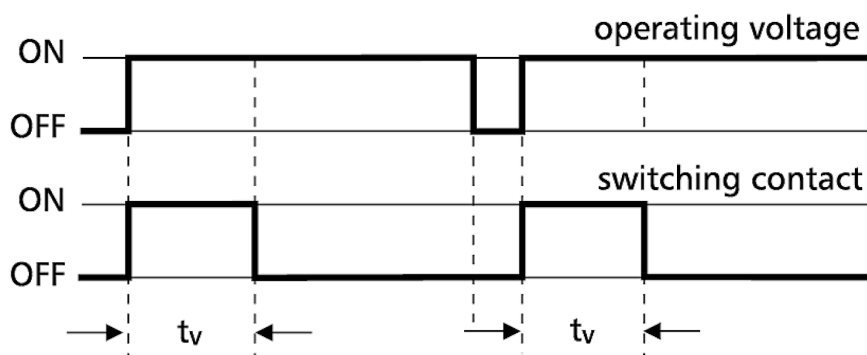
Function diagram

Flashing for pulse start



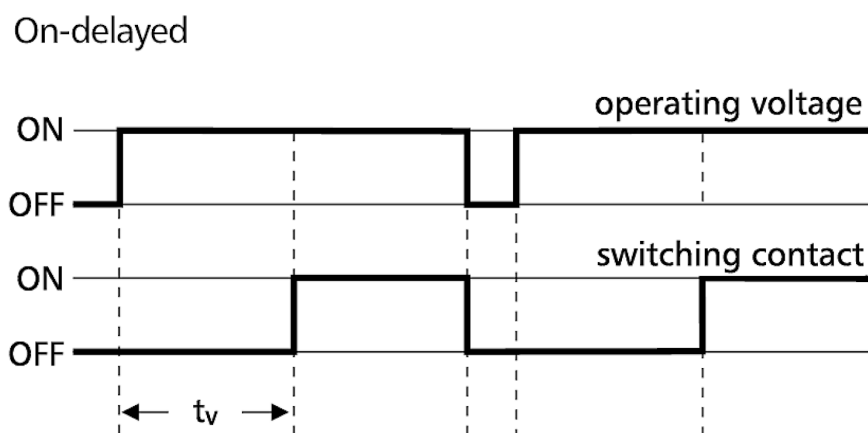
Function diagram

Making-pulse interval



Illustrations

Function diagram



Function diagram

