

Data sheet

KRE-M4/1 DC

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P/N

1106302517

EAN 4250184122777

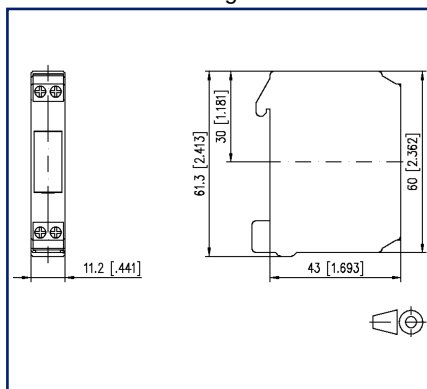
2025/08/20

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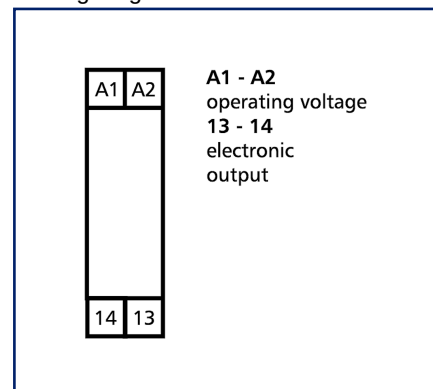
Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

Transistor couplers are used for switching DC loads.

- Connection with screw-type terminals
- Protective diode



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Technical Data

Supply

Operating voltage	24 V DC
Power consumption (max.)	10 mA

Outputs

Switching voltage (max.)	4 - 48 V DC
Continuous Current	0.8 A
Current surge	2 A / 1 s
Indicator	green LED

Housing

Dimensions	
Dimension (W x H x D)	11.2 mm x 61.3 mm x 43 mm
Dimension (W x H x D)	0.441 in. x 2.413 in. x 1.693 in.
Weight	35 g
Mounting style	Standard rail TH35
Mounting position	any
Apposition	without distance
Connection type	Screw type terminal blocks

Terminal blocks

Wire cross section solid	0.2 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

Protection category according to IEC 60529

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



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Technical Data

Climatic Data

Operating

Temperature - Operating °C	0 °C - 50 °C
Temperature - Operating °F	32 °F - 122 °F
Relative humidity	max. 85 % non-condensing

Storage

Temperature - Storage °C	-10 °C - 70 °C
Temperature - Storage °F	14 °F - 158 °F

Classifications

ETIM 7.0	EC002055
ETIM 8.0	EC002055
ETIM 9.0	EC002055
ETIM 10.0	EC002055

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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Accessories

P/N	Designation
820234-01-9	Labeling plate white

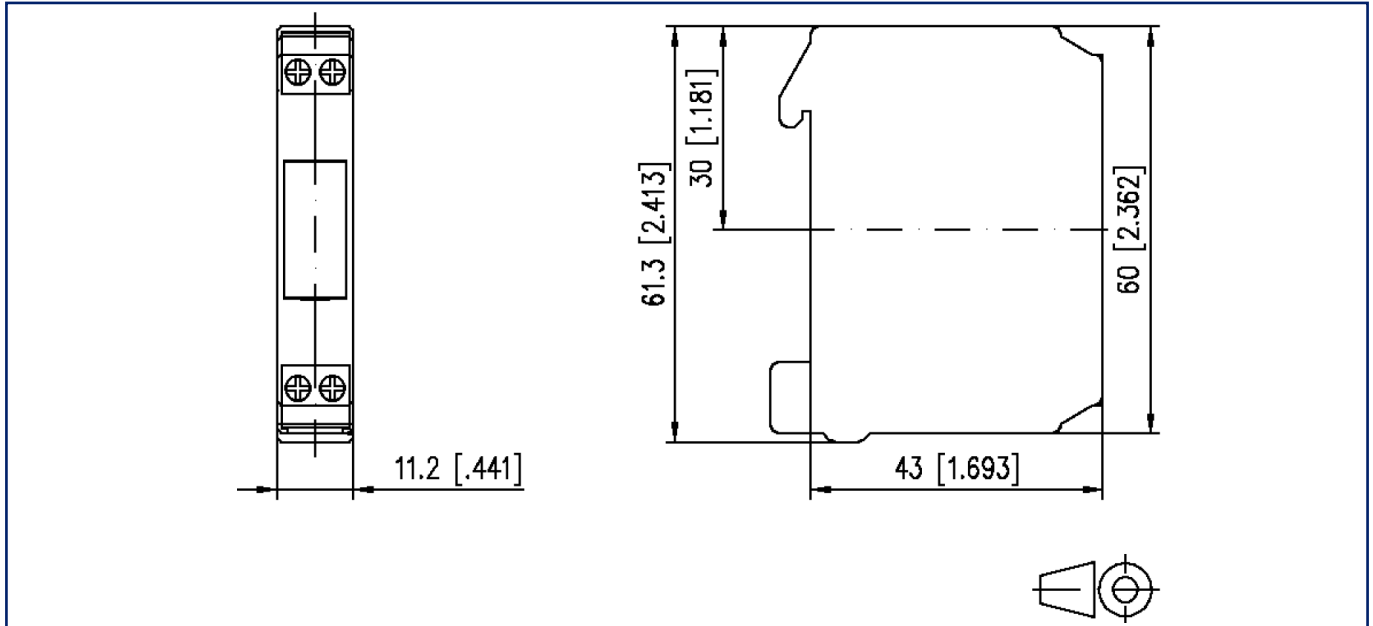
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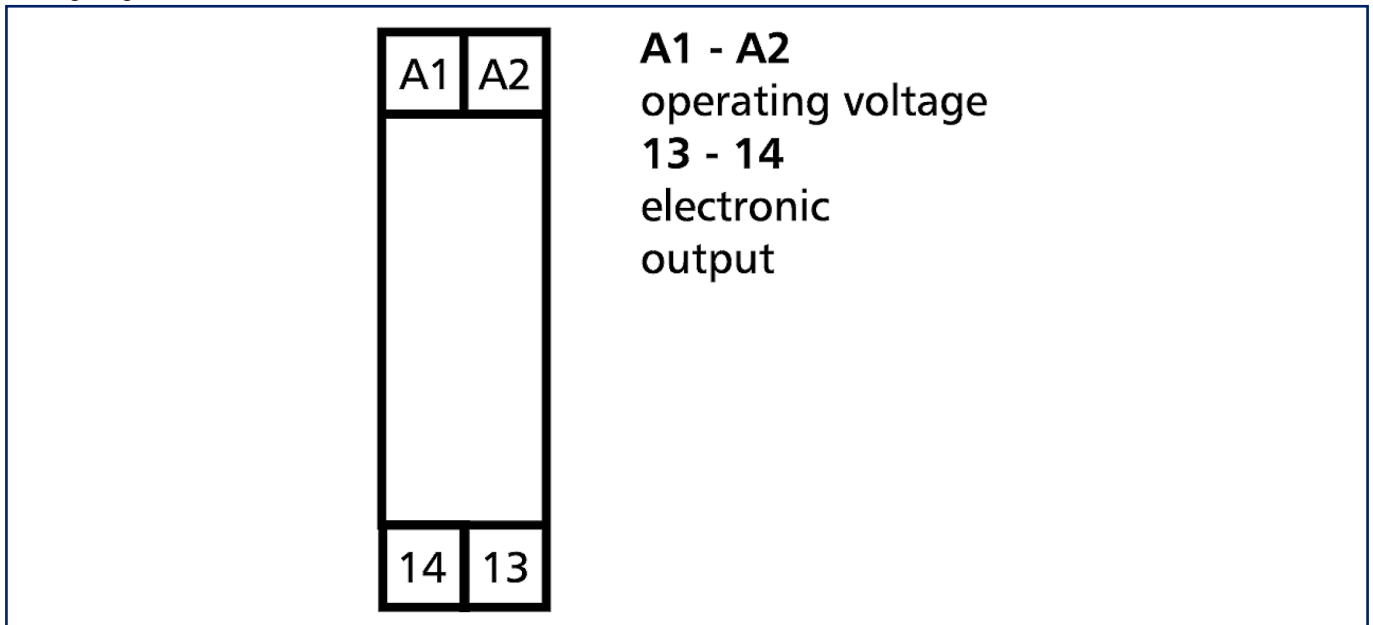
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Circuit diagram

