

Data sheet

KRA-S-M6/21, 1 changeover contacts, 24 V AC/DC

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P/N

11061213

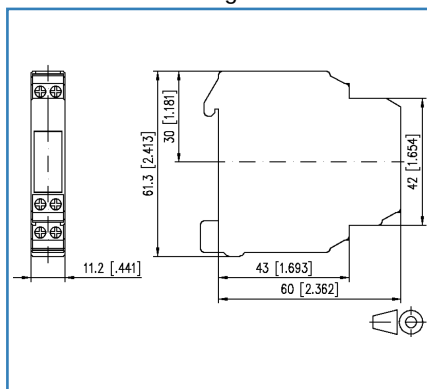
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2020/10/30

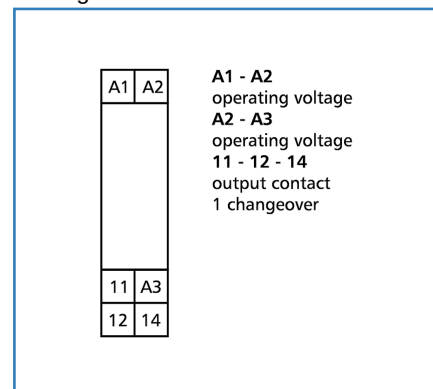
Illustrations



Dimensional drawing



Wiring



See enlarged drawings at the end of document

Product specification

Coupling devices are used to electrical isolation between logic and load.

- Connection with screw-type terminals
- closed compact series
- integrated protective circuit
- with manual control level

Technical Data

Supply

Operating voltage	24 V AC/DC -10% ... +10%
Power consumption (max.)	13 mA
Response time typical	10 ms
Release time typical	5 ms

Manual control level

Mechanical life	6x10 ⁴ switchings
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Outputs

Contacts	1 changeover contact
Contact material	AgSnO ₂
Switching voltage	250 V AC/DC
Switch-on current	8 A
Continuous Current	6 A
Switching frequency	600 switching cycles/h
Breaking capacity (resistive load)	
Mechanical life	2x10 ⁷ switching cycles
Electrical life	1x10 ⁵ switching cycles
Indicator	red LED

Insulation coil - contact set

Nominal voltage of the power supply system	230 / 400 V AC
Overvoltage category	III II
Pollution degree	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)	11.2 mm x 61.3 mm x 60 mm
Dimension (W x H x D)	0.441 in. x 2.413 in. x 2.362 in.
Weight	45 g
Mounting style	Standard rail TH35
Built-in	any
Apposition	without distance
Connection type	Screw type terminal blocks

Technical Data

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
REACH - substance (SVHC)	Lead / 7439-92-1

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	-20 °C - 55 °C
Temperature - Operating °F	-4 °F - 131 °F
Storage	
Temperature - Storage °C	-25 °C - 70 °C
Temperature - Storage °F	-13 °F - 158 °F

Power loss

Power loss (typical) coil	300 mW
Power loss (typical) Contact rate	500 mW

Classifications

ETIM 6.0	EC000310
ETIM 7.0	EC001437



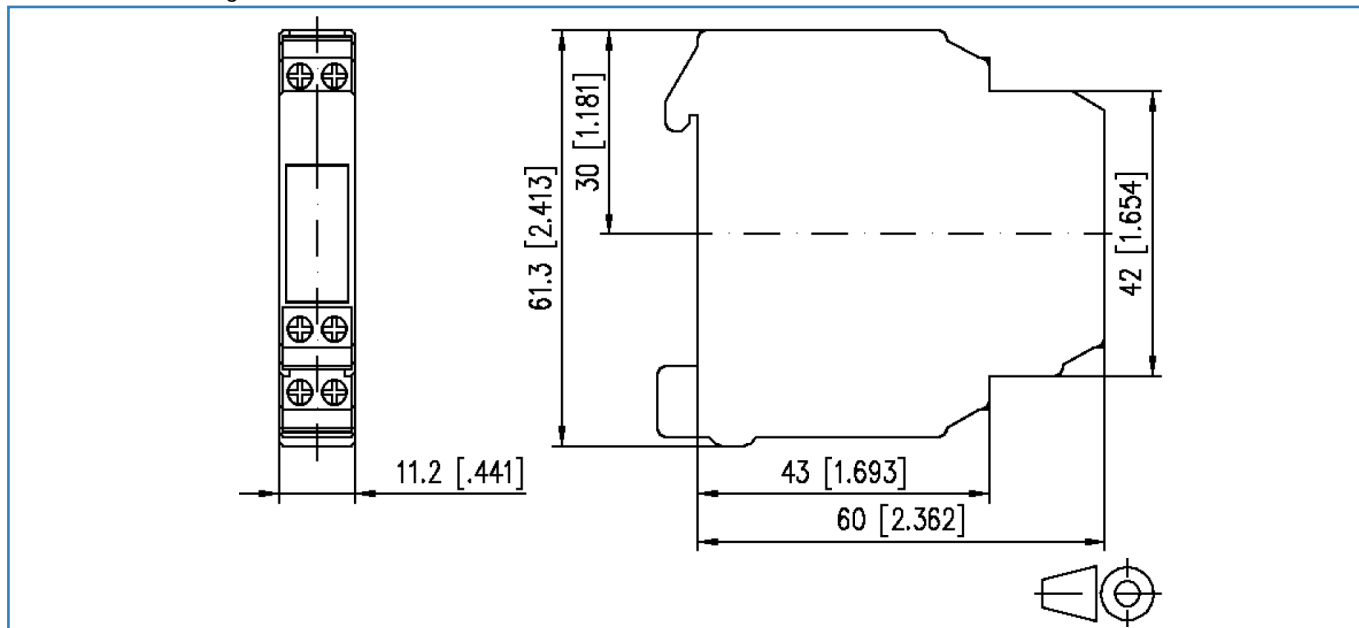
Accessories

P/N	Designation
820234-01-9	Labeling plate white
850349-02	Connecting bridge, 10 pole



Illustrations

Dimensional drawing



Wiring

A1	A2
11	A3
12	14

A1 - A2

operating voltage

A2 - A3

operating voltage

11 - 12 - 14

output contact

1 changeover

Illustrations

Circuit diagram

