

Data sheet

KRA-M8/21-21, 2 changeover contacts, 12 V AC/DC

Page 1/6

P/N

11061950

EAN 4250184122739

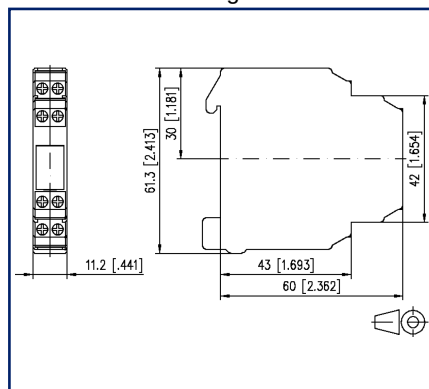
2023/06/19

Version: C

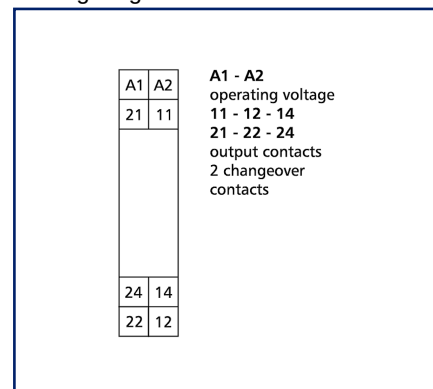
Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

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

- Connection with screw-type terminals
- closed compact series
- integrated protective circuit
- safe separation

Technical Data

Supply

Operating voltage	12 V AC/DC -15% ... +10%
Power consumption (max.)	25 mA
Response time typical	10 ms
release time AC typical	15 ms
release time DC typical	5 ms

Outputs

Contacts	2 changeover contacts
Contact material	AgSnO ₂
Switching voltage (max.)	250 V AC
Continuous Current	4 A
Switching frequency	360 switching cycles/h
Breaking capacity (resistive load)	
Mechanical life	1x10 ⁷ switching cycles
Electrical life	6x10 ⁴ switching cycles
Indicator	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)	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.
Total depth with switch/plug	69 mm
Weight	45 g
Mounting style	Standard rail TH35
Mounting position	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
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	-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)	0.44 W
----------------------	--------

Classifications

ETIM 6.0	EC001437
ETIM 7.0	EC001437
ETIM 8.0	EC001437
ETIM 9.0	EC001437

C | Logline

Data sheet

Page 4/6

KRA-M8/21-21, 2 changeover contacts, 12 V AC/DC

P/N

11061950

EAN 4250184122739

2023/06/19

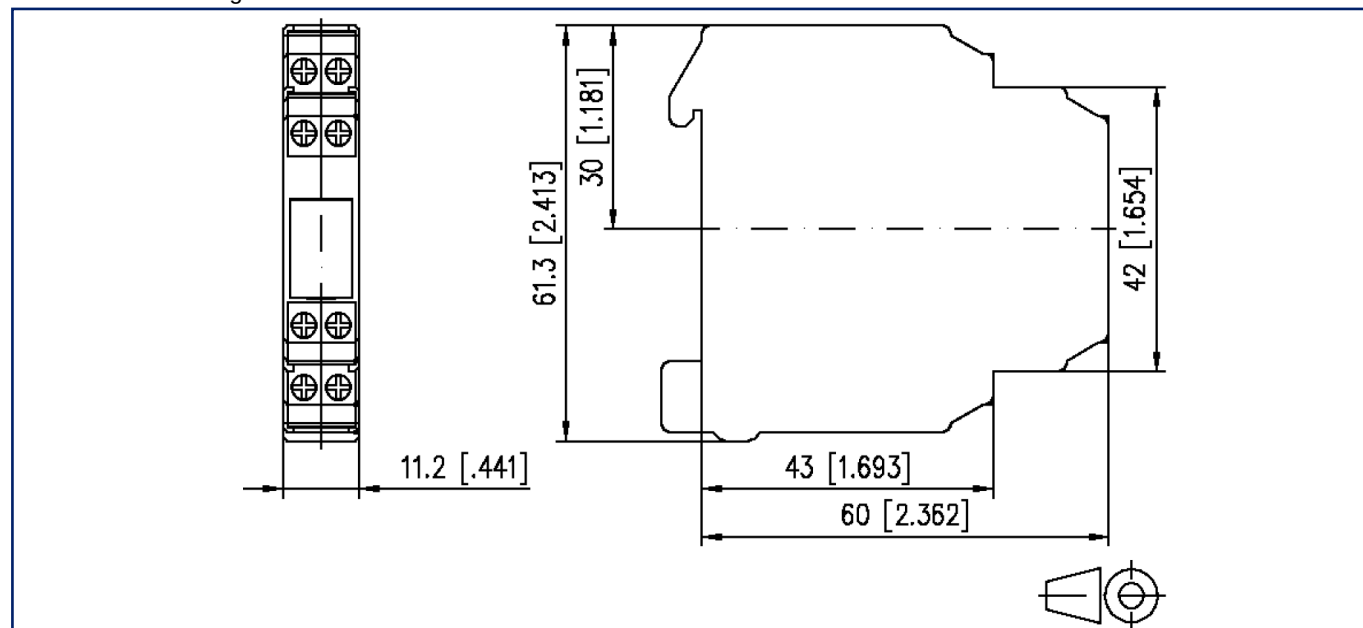
Version: C

Accessories

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

Illustrations

Dimensional drawing



Wiring diagram

A1	A2		A1 - A2 operating voltage 11 - 12 - 14 21 - 22 - 24 output contacts 2 changeover contacts
21	11		
24	14		
22	12		

Illustrations

Circuit diagram

