

Data sheet

KRS-F-E06 H 24 V AC/DC

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P/N
11066170
EAN 4251394628394
2026/09/22
Version: J

Technical Data

Supply

Operating voltage	24 V AC/DC -15% ... +20%
Power consumption AC (max.)	80 mA
Power consumption DC (max.)	16 mA
Duty cycle relative	100 %
Response time typical	20 ms
Release time typical	20 ms

Manual control level

Mechanical life	3x10 ⁴ switchings
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Inputs

Threshold voltage	3 V DC
Switch-off voltage	2.5 V DC
Tolerance	+/- 10 %
Power consumption	
Power consumption at 24 V DC	1.3 mA
Power consumption at 5 V DC	0.1 mA

Outputs

Contacts	1 changeover contact
Contact material	AgSnO ₂
Switching voltage (max.)	250 V AC
Continuous Current	6 A
Switching frequency	1200 switching cycles/h
Breaking capacity (resistive load)	
Mechanical life	1x10 ⁷ switching cycles
Electrical life	1x10 ⁵ switching cycles
Indicator	yellow LED

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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)	17.5 mm x 61.3 mm x 60 mm
Dimension (W x H x D)	0.689 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

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



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Climatic Data

Operating

Temperature - Operating °C -10 °C - 50 °C

Temperature - Operating °F 14 °F - 122 °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) 1.2 W

Classifications

ETIM 7.0 EC001437

ETIM 8.0 EC001437

ETIM 9.0 EC001437

ETIM 10.0 EC001437

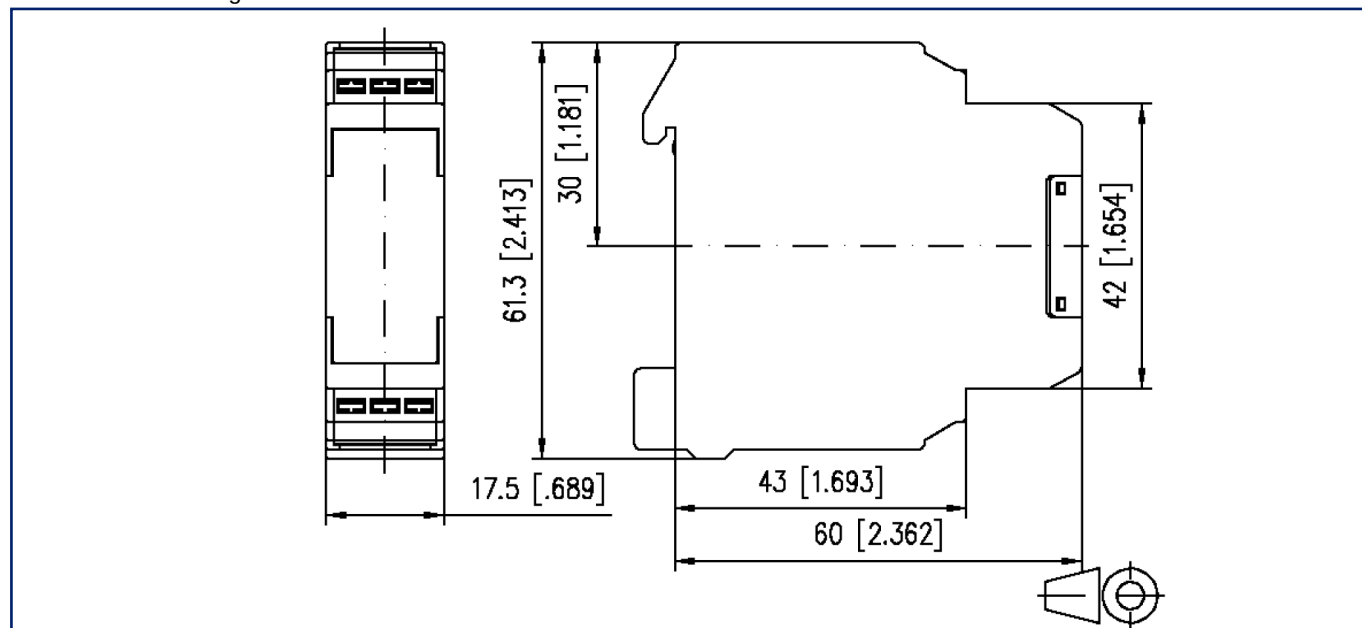
Application note

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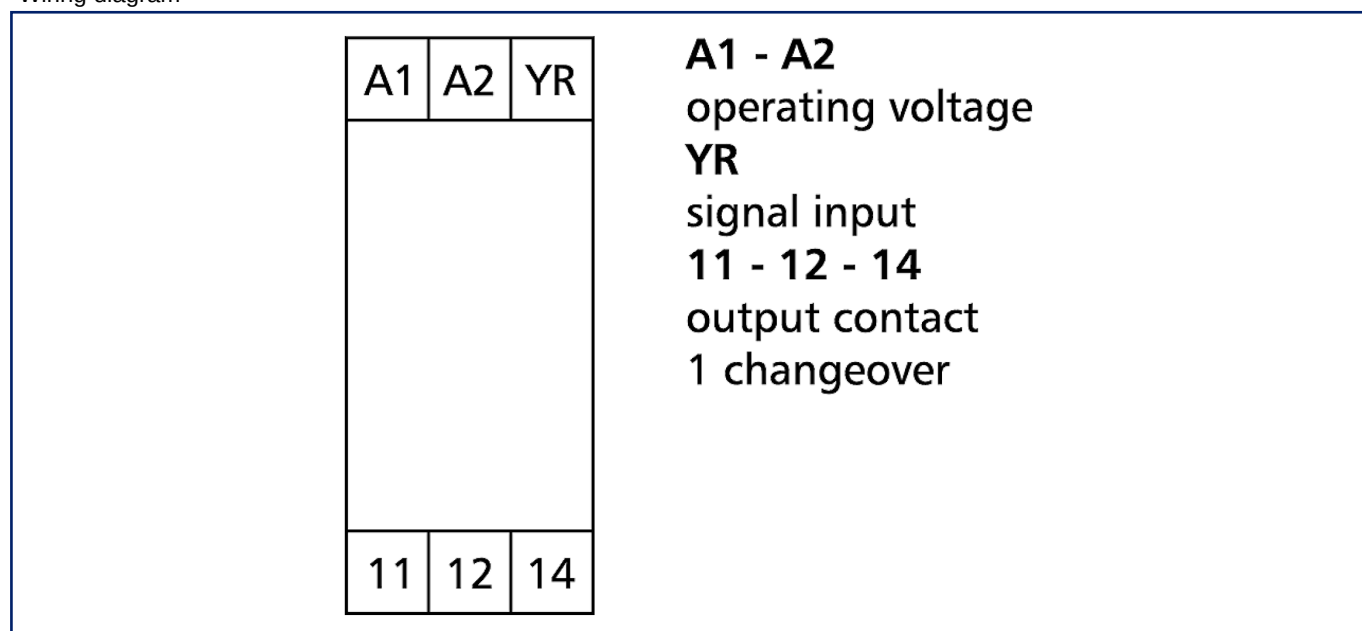


Illustrations

Dimensional drawing



Wiring diagram



Illustrations

Circuit diagram

