

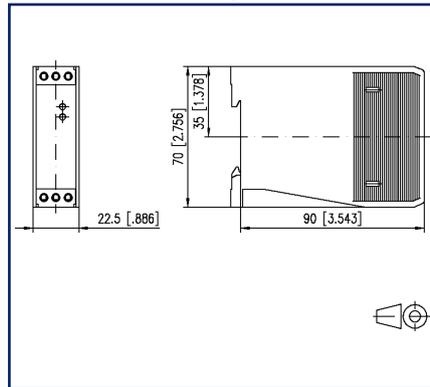
Data sheet

RKAK-E10, 230 V AC / 24 V AC/DC, 3-60 s

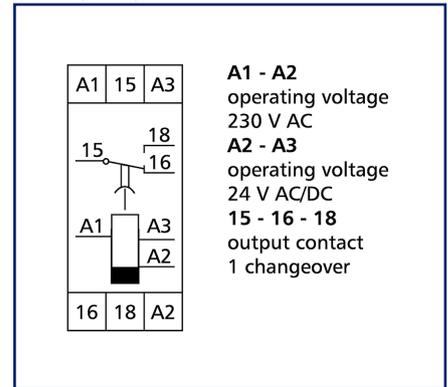
Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

Off delayed timer relay with time setting. The time is set by means of a linear potentiometer on a relative scale.

- Off-delayed
- Not intended for marketing in North America

Technical Data

Supply	
Operating voltage	230 V AC / 24 V AC/DC -10% ... +10%
Frequency range	50 ... 60 Hz
Power consumption	
Power consumption 230 V AC	8 VA
Power consumption 24 V AC	1 VA
Power consumption 24 V DC	0.6 W
Duty cycle relative	100 %
Fallback voltage range	>= 0.15 UN
Time Ranges	
Time range adjustable	3 s - 60 s
Repeatability	+/- 2 %
Outputs	
Contacts	1 changeover contact
Contact material	AgSnO ₂
Switching voltage (max.)	250 V
Continuous Current	6 A
Protection	6 A
Switching frequency	1200 switching cycles/h
Mechanical life	1x10 ⁷ switching cycles
Electrical life	1x10 ⁵ switching cycles
Indicator	green LED
Housing	
Dimensions	
Dimension (W x H x D)	22.5 mm x 70 mm x 90 mm
Dimension (W x H x D)	0.886 in. x 2.756 in. x 3.543 in.
Weight	150 g
Mounting style	Standard rail TH35
Mounting position	any
Apposition	without distance
Connection type	Screw type terminal blocks

Technical Data

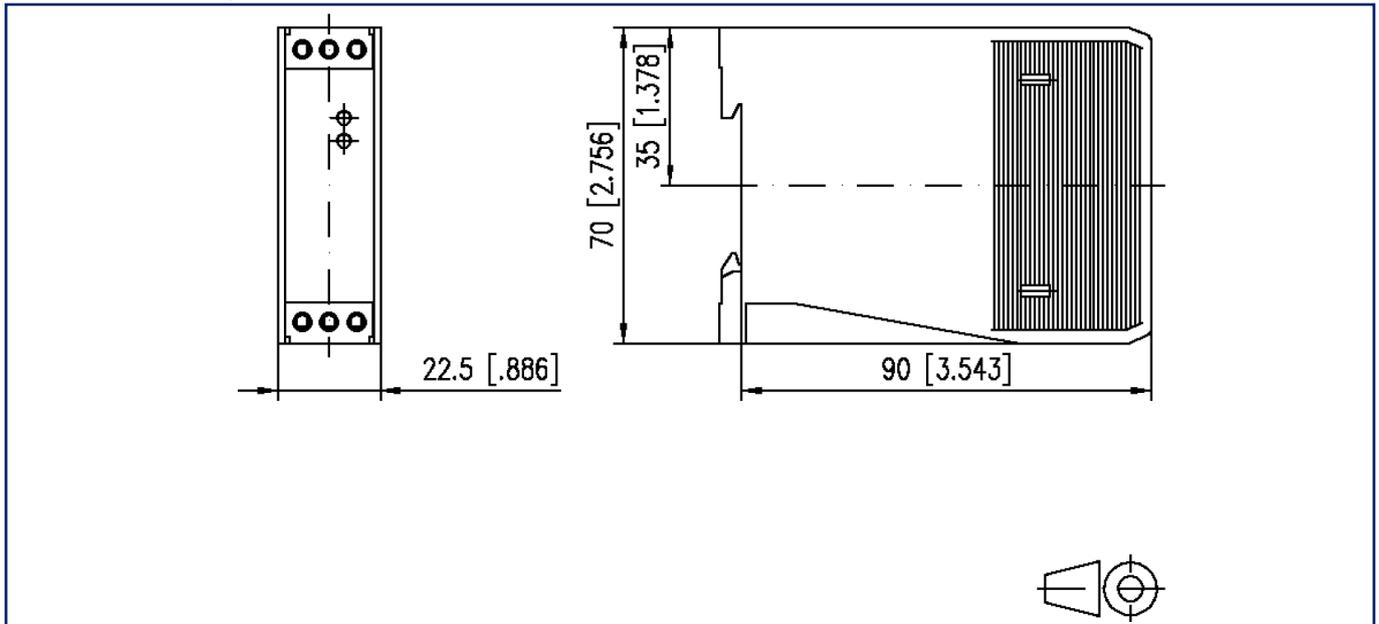
Terminal blocks	
Wire cross section solid	0.2 mm ² - 2.5 mm ² / AWG 22-12
Wire cross section multi	0.25 mm ² - 2.5 mm ² / AWG 22-12
Wire cross section with wire ferrule	0.25 mm ² - 2.5 mm ² / AWG 22-12
Screw torque (max.)	0.5 Nm
Stripping length (min.)	8 mm
Material	
Material - Housing	Polyamid 6.6 V0
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
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
Classifications	
ETIM 7.0	EC001439
ETIM 8.0	EC001439
ETIM 9.0	EC001439

Application note

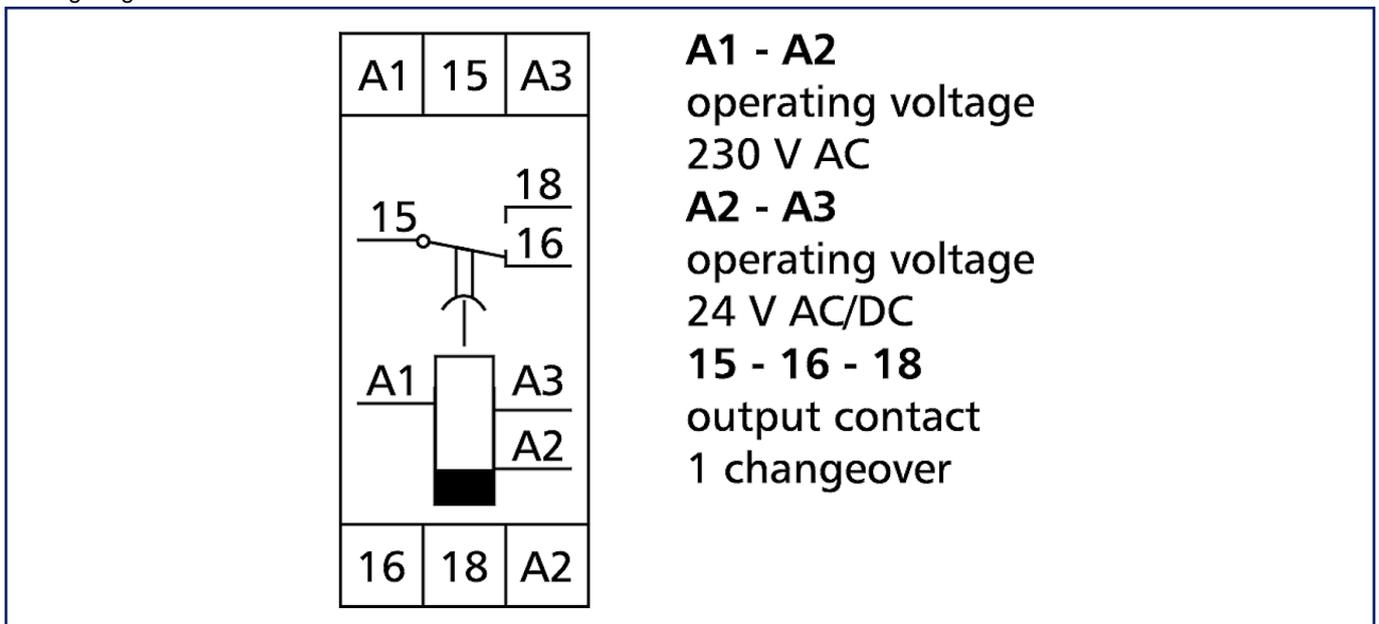
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Illustrations

Dimensional drawing



Wiring diagram



Illustrations

Function diagram

