

Data sheet

RSDw-E10, 230 V AC / 24 V AC/DC, 1,5-30 s

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P/N

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EAN 4250184120384

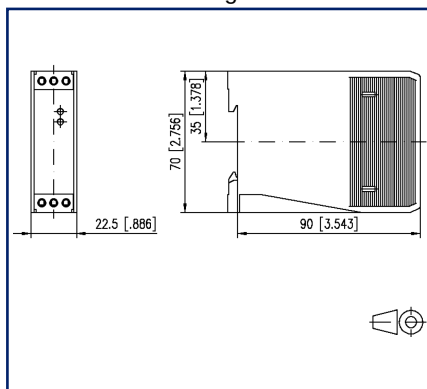
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Version: B

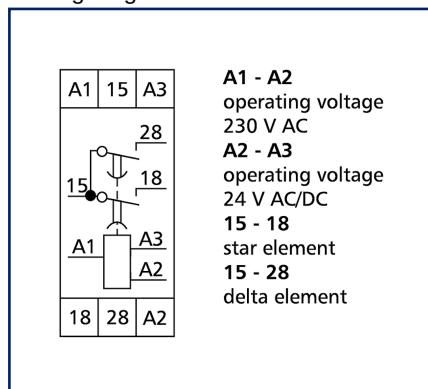
Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

Star-delta relay with adjustable switching time for switching three-phase motors. The time is set by means of a linear potentiometer on a relative scale.

- Star-delta relay
- fixed switching time of 50 ms

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	6 VA
Power consumption 24 V AC	1 VA
Power consumption 24 V DC	0.5 W
Duty cycle relative	100 %
Switching time	50 ms
Response time typical	20 ms
Release time typical	25 ms
Recovery time	>= 250 ms
Time Ranges	
Time range adjustable	1.5 s - 30 s
Repeatability	+/- 0.5 %

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	3x10 ⁷ switching cycles
Electrical life	1x10 ⁵ switching cycles
Indicator	red 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



Technical Data

Housing

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
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

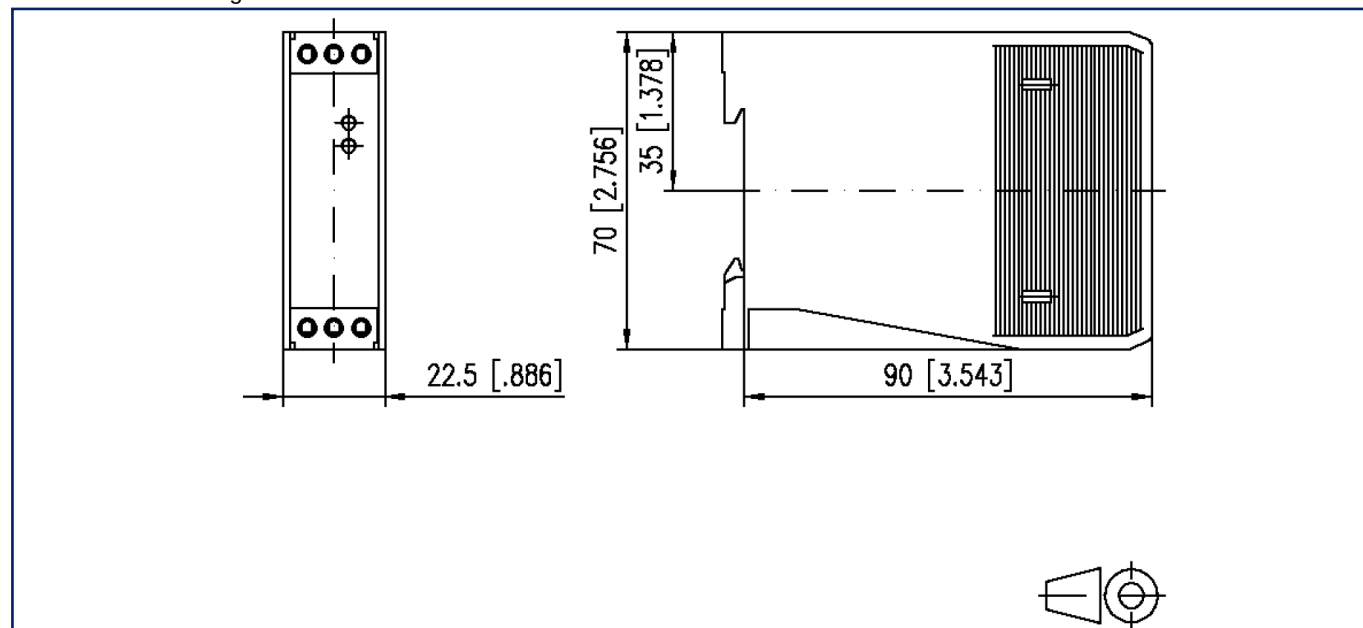
Operating	
Temperature - Operating °C	-10 °C - 50 °C
Temperature - Operating °F	14 °F - 122 °F
Storage	
Temperature - Storage °C	-25 °C - 70 °C
Temperature - Storage °F	-13 °F - 158 °F

Classifications

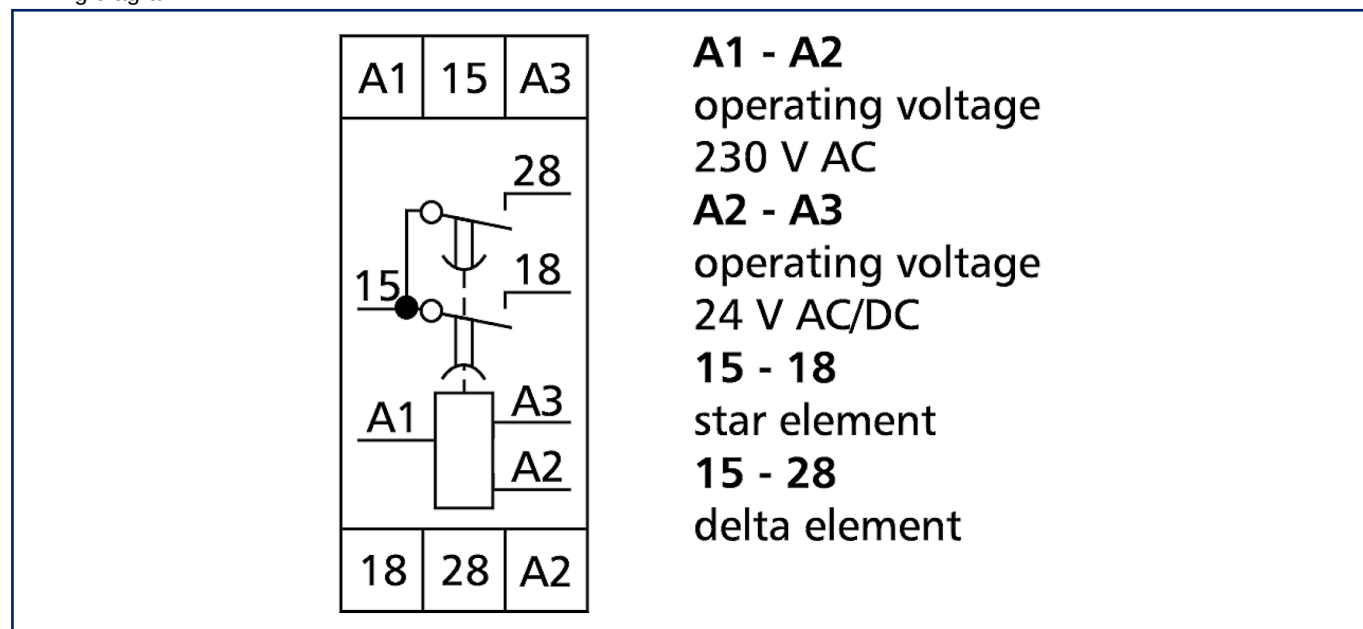
ETIM 7.0	EC001439
ETIM 8.0	EC001439
ETIM 9.0	EC001439

Illustrations

Dimensional drawing



Wiring diagram



Illustrations

Function diagram

