

Data sheet

LTRk-E12, 230 V AC

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P/N

1102830530

EAN 4250184121053

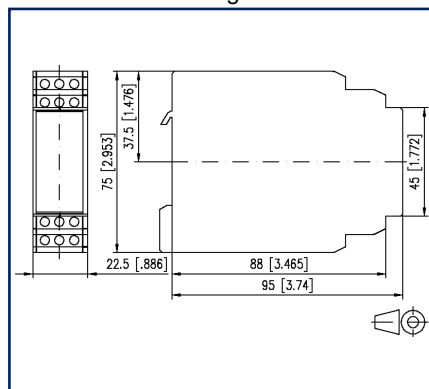
2023/06/20

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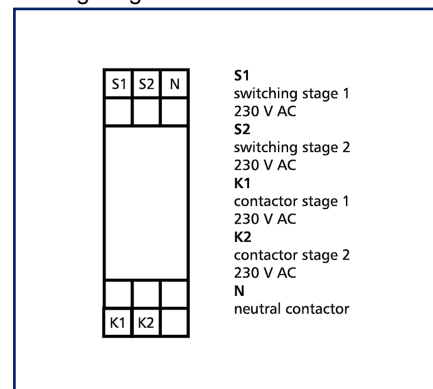
Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

The fan timer relay was designed especially for controlling two-level motors. Response and switch-off delay can be adjusted separately and infinitely. A two-level switch is used for activation. The motor contactors are activated by two mutually blocking outputs. Mode of operation:

- 1. If you directly select level 2, level 1 is first activated for the adjusted start-up time so that the fan can accelerate to nominal speed. Then level 2 is activated.
- 2. When switching from level 2 back to level 1 or switching off, a switch-off delay is activated allowing the fan to run down before level 1 is activated.
- 3. If level 1 has been activated for minimum the adjusted start-up time, it is immediately switched to level 2. When switching from level 1 to 2, the interruption may be max. 250 ms. If this time is exceeded, the procedure is as described under point 1.

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Technical Data

Supply

Operating voltage	230 V AC -10% ... +10%
Frequency range	50 ... 60 Hz
Duty cycle relative	100 %
Recovery time	20 ms

Outputs

Contact material	AgSnO ₂
Switching voltage (max.)	corresponds to operating voltage
Continuous Current	6 A
Pick-up delay	adjustable up to 30 s
Switch-off delay	adjustable up to 60 s
Electrical life	2x10 ⁵ switching cycles
Indicator	green 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)	22.5 mm x 75 mm x 95 mm
Dimension (W x H x D)	0.886 in. x 2.953 in. x 3.74 in.
Weight	150 g
Mounting style	Standard rail TH35
Mounting position	any
Apposition	without distance
Connection type	Screw type terminal blocks

Material

Material - Housing	Polyamid 6.6 V0
Color	gray
Material - Terminal block	Polyamid 6.6 V0
Material - Covers	Polyamid 6.6 V0



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Technical Data

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 -5 °C - 55 °C

Temperature - Operating °F 23 °F - 131 °F

Storage

Temperature - Storage °C -20 °C - 70 °C

Temperature - Storage °F -4 °F - 158 °F

Classifications

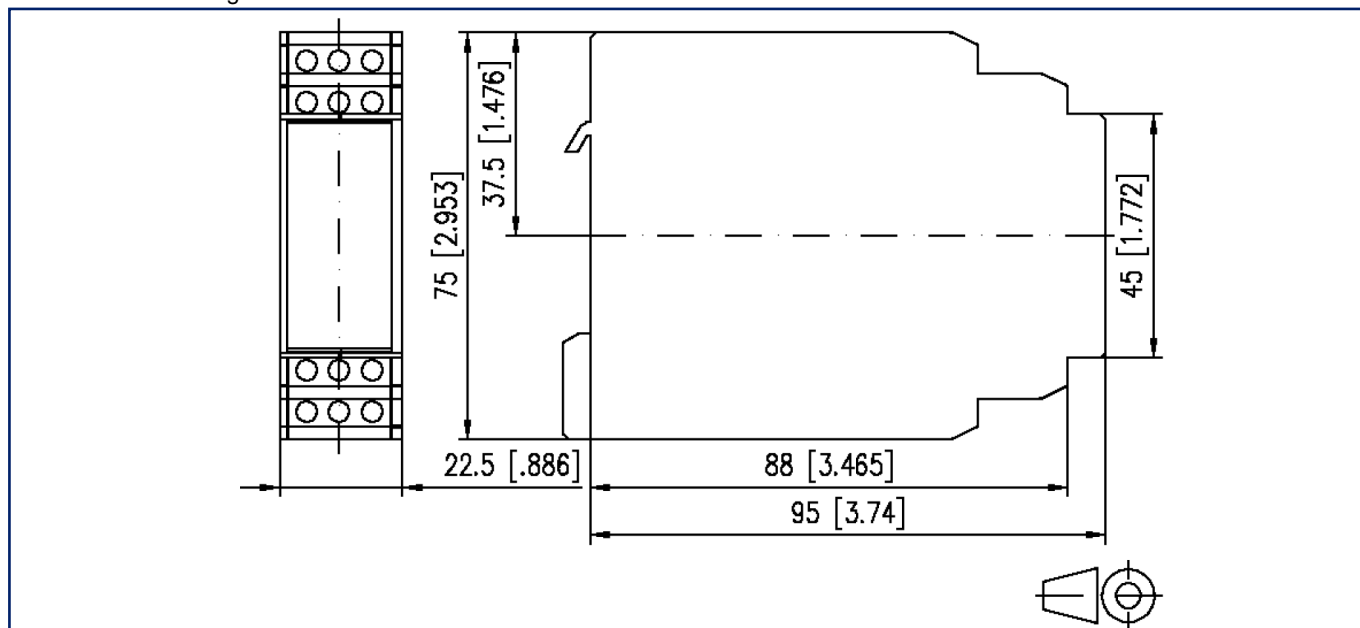
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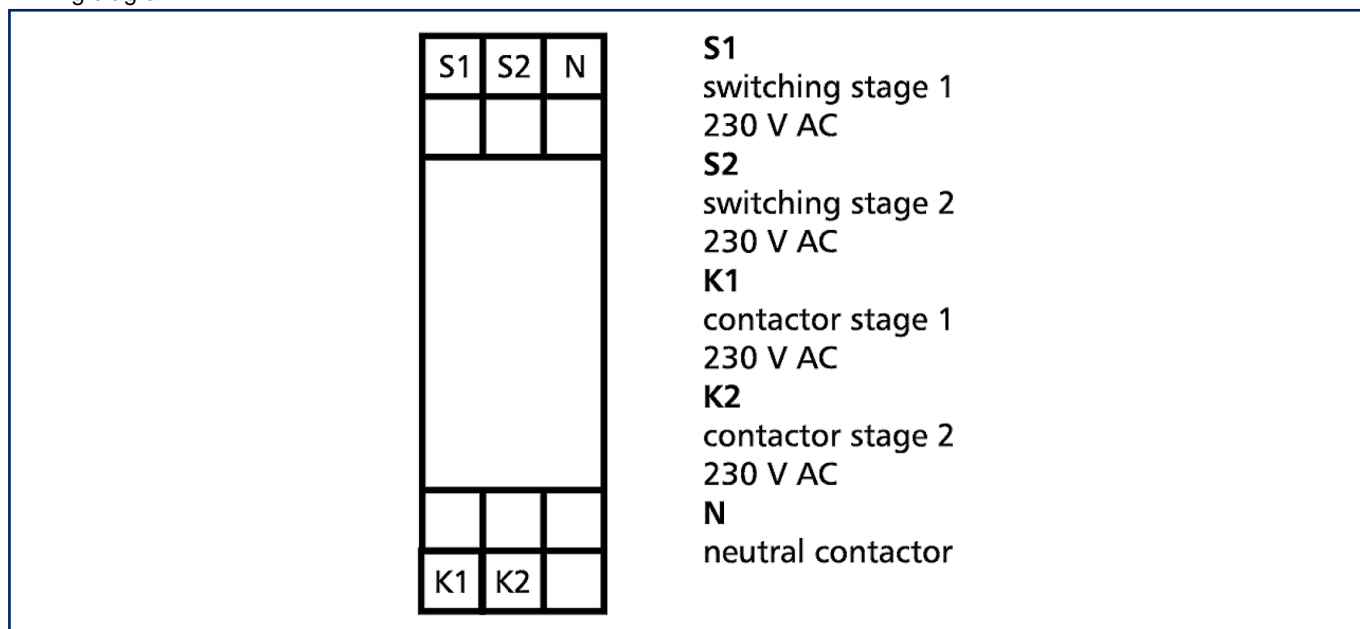
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Illustrations

Dimensional drawing



Wiring diagram



Illustrations

Circuit diagram

