

## Data sheet

""LTRk-E12, 230 V AC""

Page 1/5

P/N

1102830530

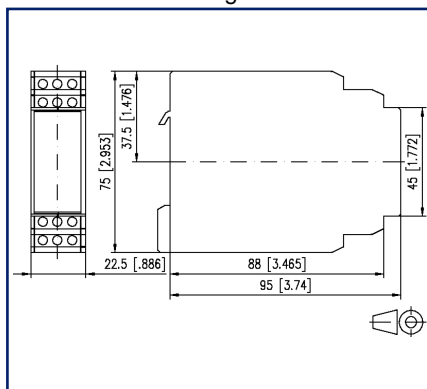
EAN 4250184121053

2021/08/09

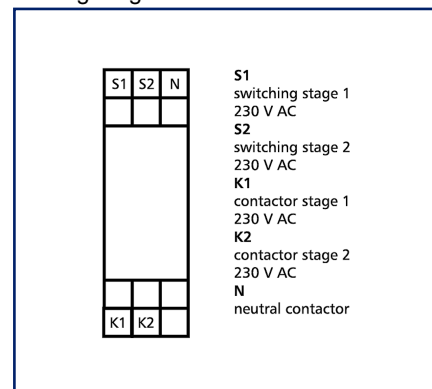
## Illustrations



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.

## 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 <sub>2</sub>
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 <sup>5</sup> 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
REACH - substance (SVHC)	Lead / 7439-92-1



## 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
--------------------------	----------------

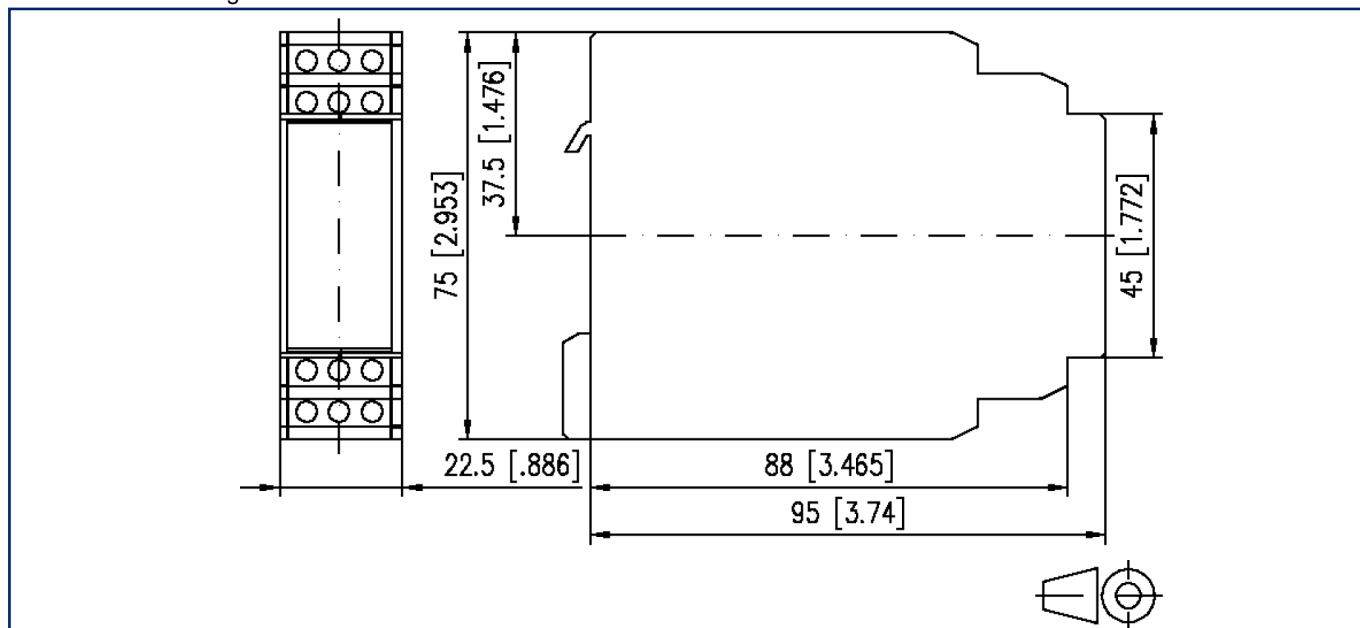
### Classifications

ETIM 7.0	EC001439
----------	----------

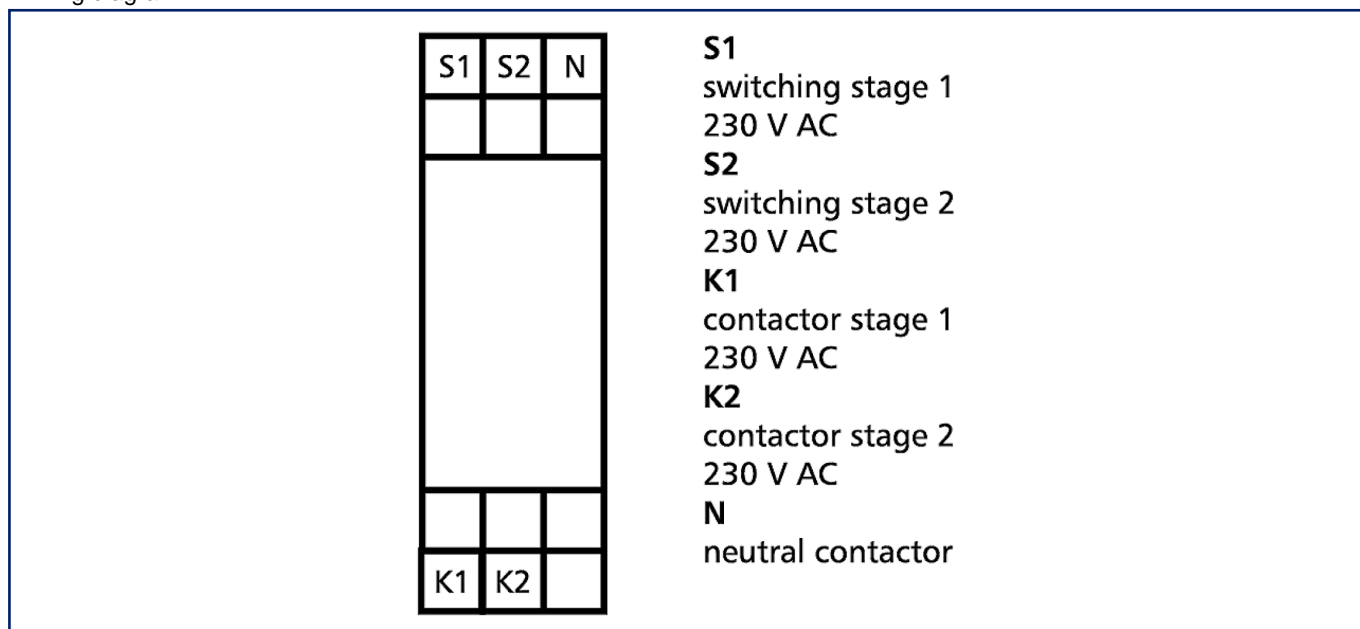
ETIM 8.0	EC001439
----------	----------

## Illustrations

Dimensional drawing



Wiring diagram



## Illustrations

Circuit diagram

