

# RT6-S10-U

## Multirange on Delay Timer Relay

### General Description

RT6-S10 and RT6M-S10 timer relays are used in all fields (industry, house, plant etc.) need controls related to the time.

### Technical Specifications

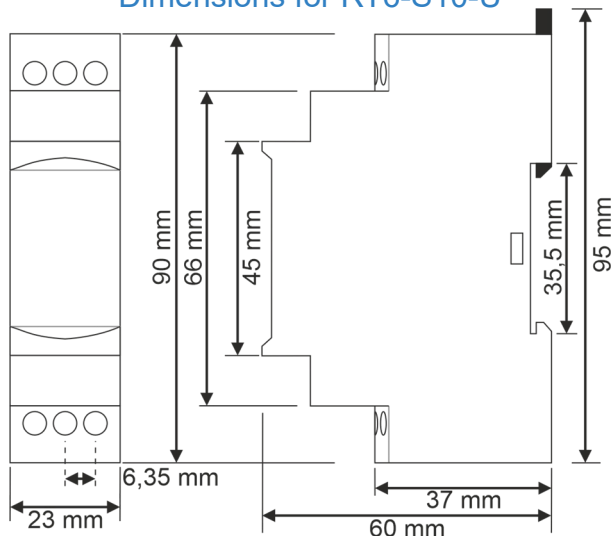
Operating Voltage (Un)	150V - 260V AC and 24V AC/DC
Operating Frequency	50/60Hz
Operating Power	< 4VA
Operating Temperature	-20°C ... 55°C
Timer (t)	10sec, 100sec, 10min, 100min, 10hrs. 100hrs
Display	On led and Out (RLY) led
Connection Type	Terminal connection
Weight	Max. 120gr.
Contact	5A/250V AC (Resistive Load)
Mounting	Assembled on the din rail
Operating Altitude	< 2000 meter
Cable Diameter	1.5mm <sup>2</sup>



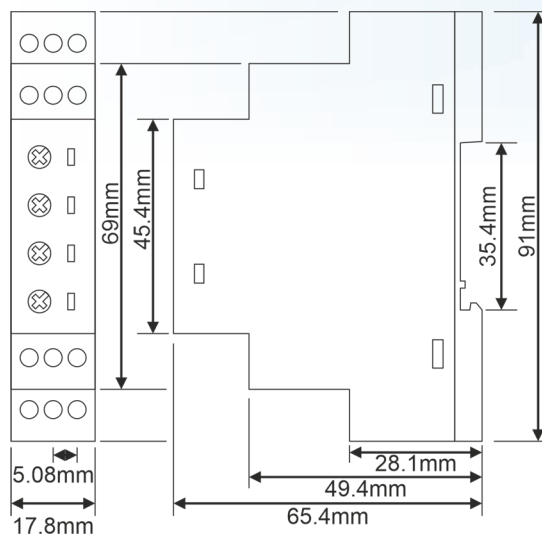
#### RT6 / RT6M Stage Values

A: 10/sec. C: 10/min. E: 10/hours  
B: 100/sec. D: 100/min. F: 100/hours

#### Dimensions for RT6-S10-U



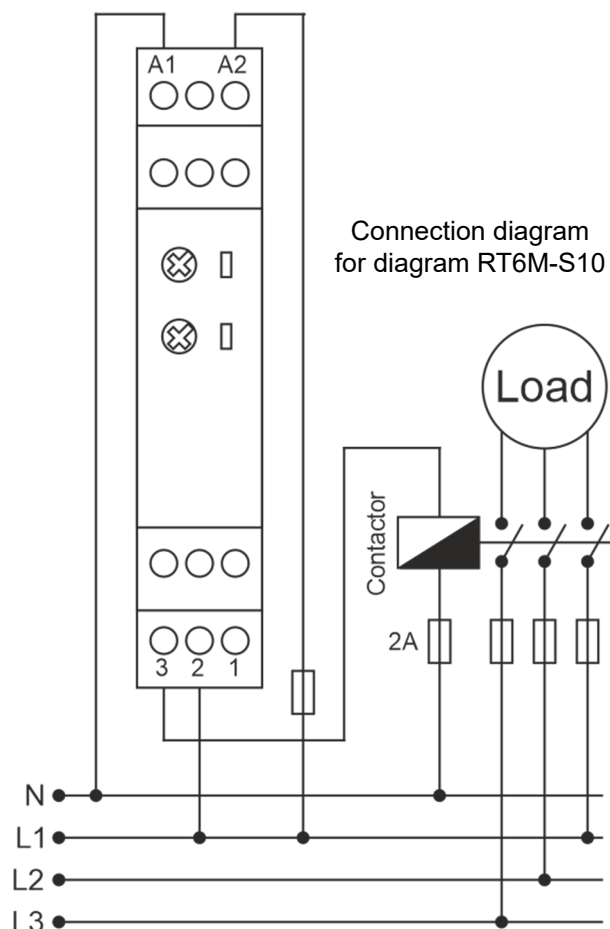
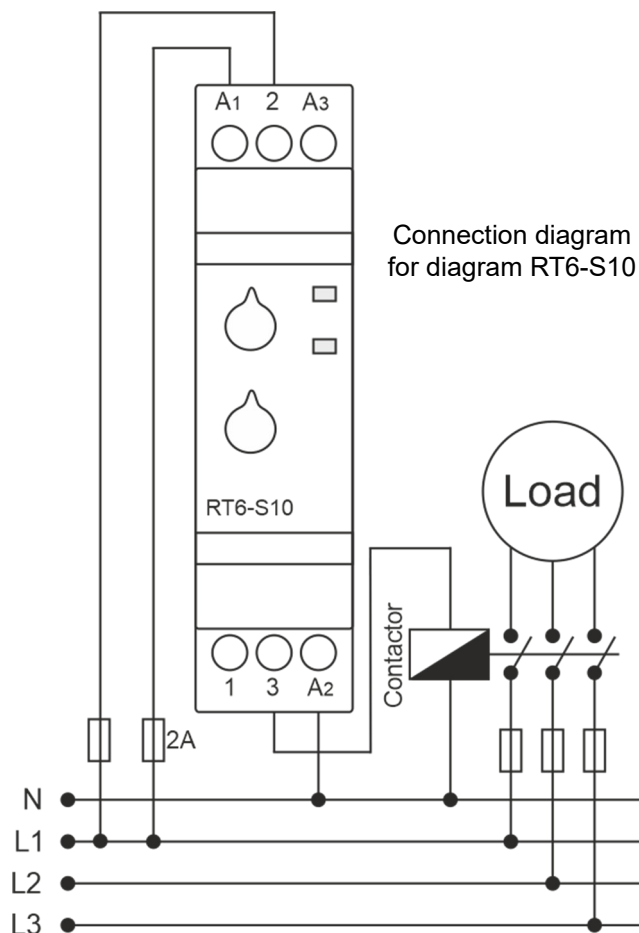
#### Dimensions for RT6M-S10-U



## Usage of Device and Working Principle

- Make the connections according to the diagram.
- Max.Time (Time Steps, **TS**): Adjusts the stage and display the max.time.
- t (**t**): Divides the stage by 10 and multiply with displaying value.  
 \* **Example:** Time is 75 minutes.
- Make stage button to 100m (100 minutes) and turn "t" button between 7-8. In this case time is adjusted to 75 minutes.  
 \* **Note:** In order to adjust much sensitive higher time values, set "t" by chronometer in low stages and increase the stage to the time required.  
 \* **Example:** Time is 25 hours.
- Turn stage button to 10s (10 seconds) and "t" button between 2-3. Make power on and check with a chronometer for 2.5 seconds.
- Make the stage button 100h(100 hours). In this case, you set it more sensitive.  
 After setting the time, power on the device. Device will start timing and meanwhile led switches on-off. When device is timing relay contact 2 shorted to 1. When the timing finish (set time is up) relay led is switches on stable and contact 2 shorted to 3.
- Device keeps stable till the power is off.

## Typical Connection Diagram



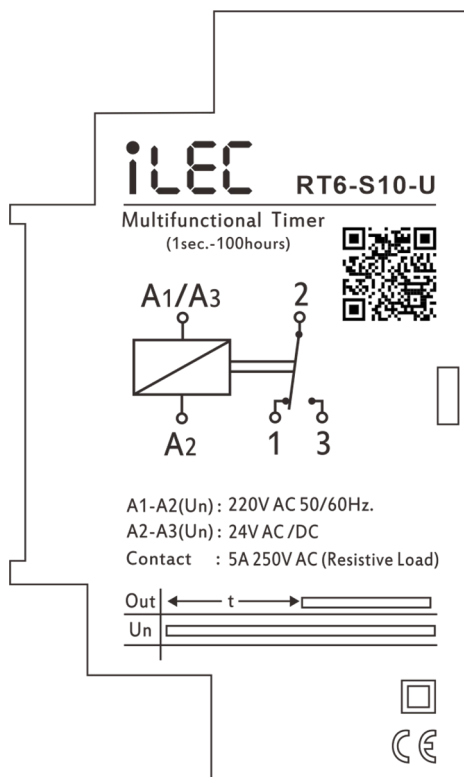
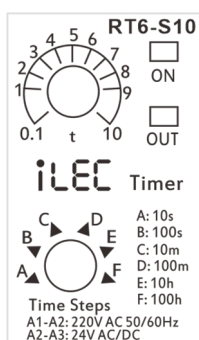
## Maintenance

- Switch off the device and release from connections.
- Clean the trunk of device with a swab.
- Don't use any conductor or chemical might damage the device.
- Make sure device works after cleaning.

## Warnings

- Please use the device according to the manual.
- Don't use the device in wet.
- Include a switch and circuit breaker in the assembly.
- Put the switch and circuit breaker nearby the device, operator can reach easily.
- Mark the switch and circuit breaker as releasing connection for device.

## External description



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<https://ilec.com.vn/products/rl>

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