

RT-SD30-U

Star Delta Relay

General Description

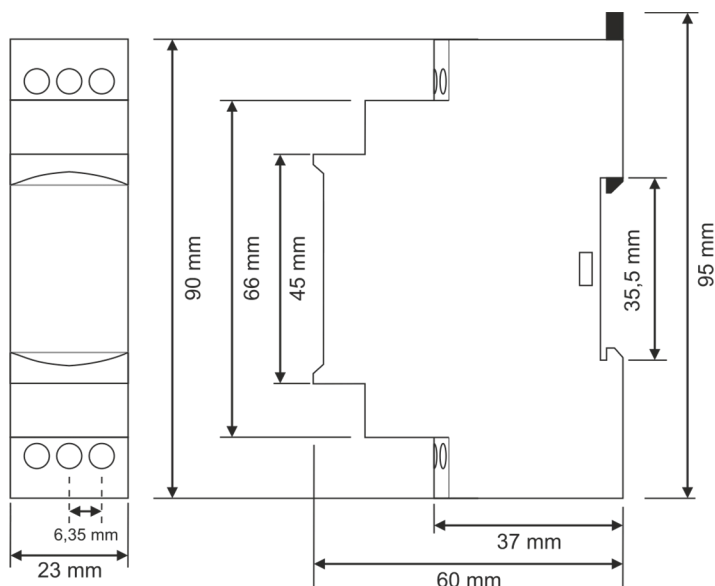
Star Delta Relay is designed to control three motors in the first run.

Technical Specifications

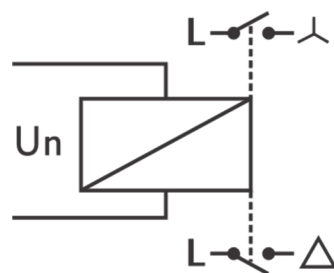
Operating Voltage (Un)	160V - 260V AC (A1-A2)
	24V AC/DC (A1-A3)
Operating Frequency	50/60Hz.
Operating Power	< 6VA
Operating Temperature	-20°C ... 55°C
Working (star)	0.1sec. - 30sec.
Waiting (off)	1msec. - 500msec.
Display	On led , star led and delta led.
Connection Type	Terminal connection
Weight	Max. 110gr.
Contact	5A/250V AC (Resistive Load)
Mounting	Assembled on the din rail
Operating Altitude	< 2000 meter
Cable Diameter	2.5mm ²



Dimension



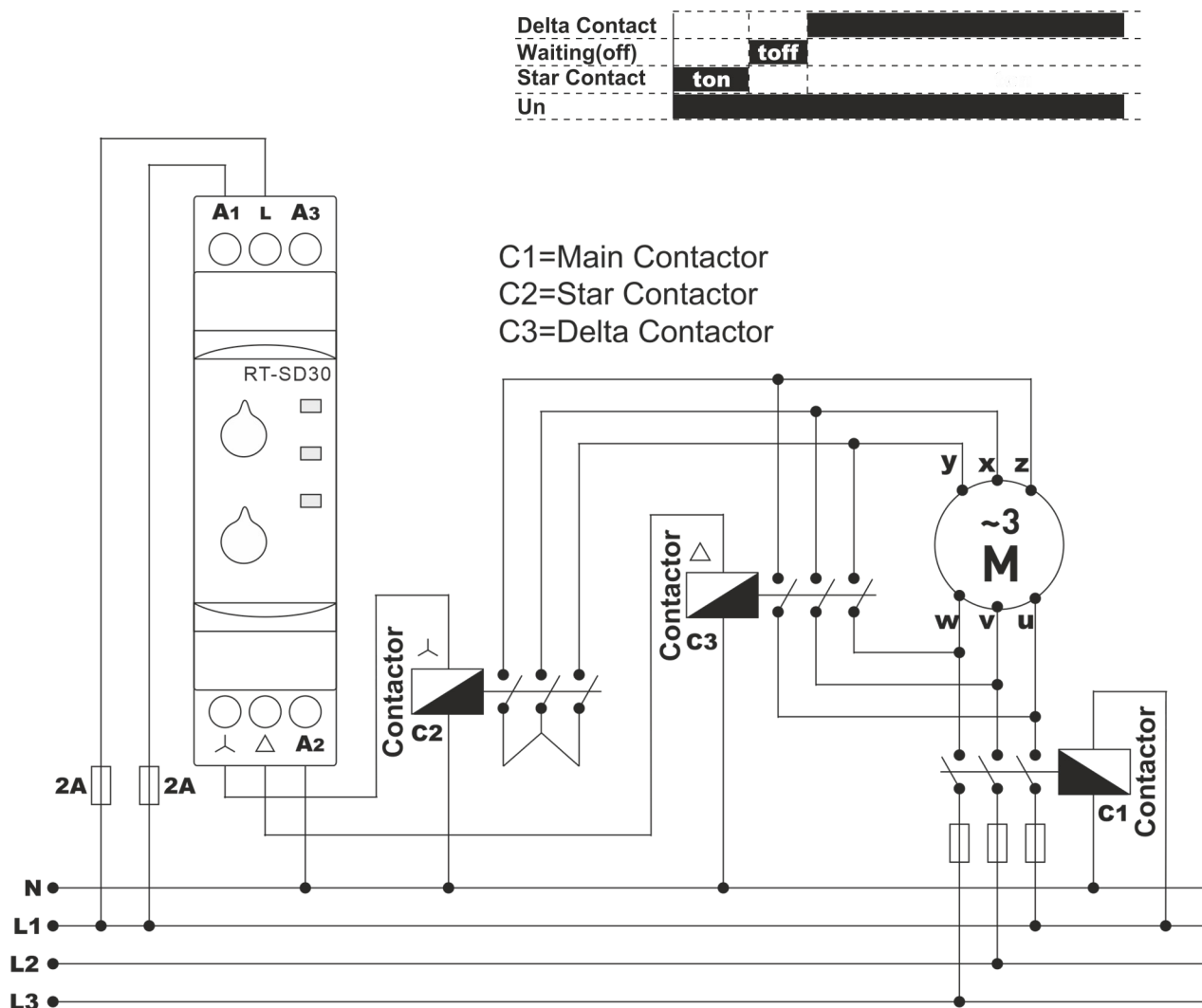
Circuit Diagram



Usage of Device and Working Principle

- Make connections according to the diagram.
- You can set working time between 1sec-30sec.
- When power is on, star relay pulls and star relay switches on.
- Device waits for adjusted star working time and waits for adjusted waiting time.
(1mmsec. - 500msec.)
- In this position, there is no output contact and star relay led switches off.
- After waiting time delta relay pulls and delta relay switches on.
- Till power is off, device keeps same.

Typical Connection Diagram



Connection diagram for RT-SD30-U

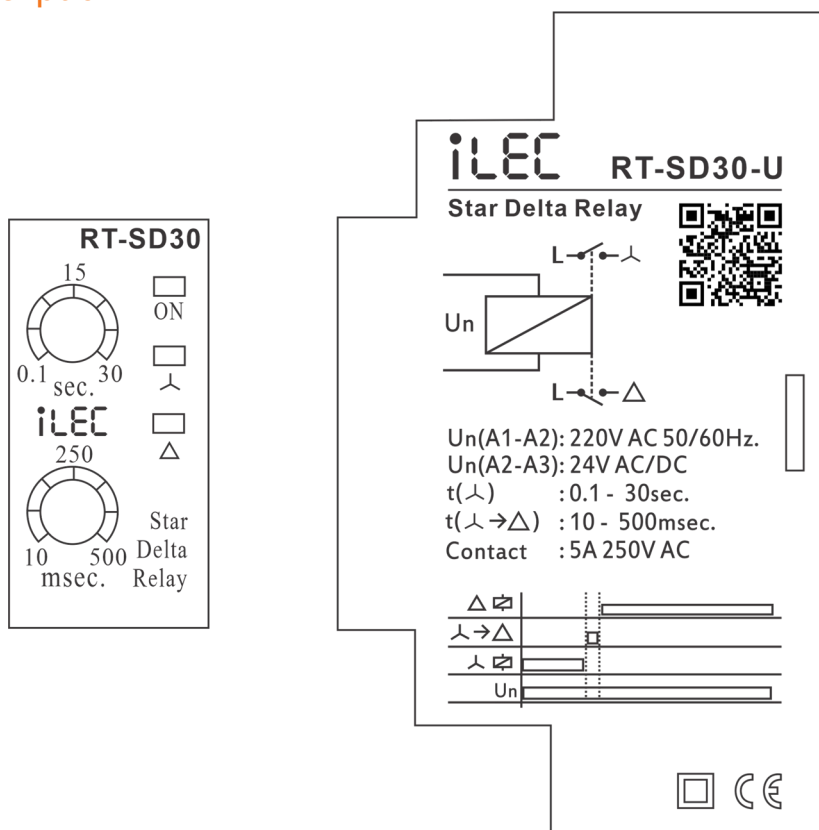
Maintenance

- 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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ILEC ELECTRIC EQUIPMENT CO., LTD

Address: 76 street n. 20, Tan Binh Industrial Park Expansion, Binh Hung Hoa Ward, Tan Binh District

Tax code: 0313550072 - Tel: (84-28) 37657746

Email: admin@ilec.com.vn - Web: ilec.com.vn - Facebook: ilec.com.vn