

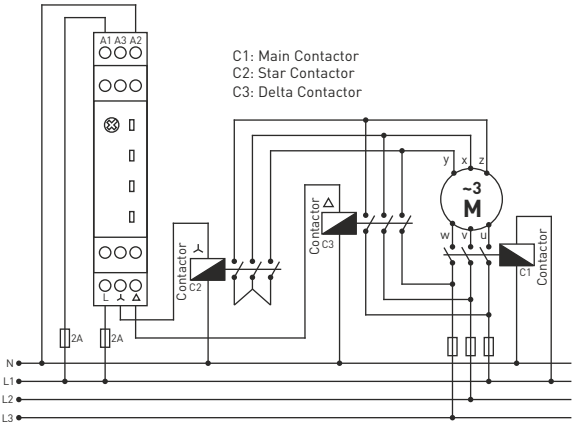
General

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

Usage of Device and Working Principle

Make the connections of the device in accordance with the connection type. The operating time is 0,1 sec. - 30sec. You can set between. After the device is energized, the star relay activates and the star relay led turns on. It stays on the star for the set time, and after the time expires, it switches to waiting time (15 msec.). In this position, there is no contact output and the star relay led turns off. After the time has elapsed, the delta relay activates and the delta relay led turns on. The device maintains this position until the power is cut off.

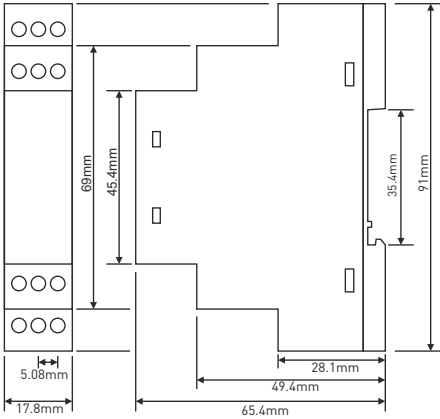
Connection Diagram



Technical Specifications

- Operating Voltage (A1-A2) : 150-260V AC 50/60Hz.
- Operating Voltage (A2-A3) : 24V AC/DC
- Operating Frequency : 50/60 Hz.
- Operating Power : <6VA
- Operating Temperature : -20°C.....+55°C
- Star Working Time : 0,1 sec. - 30 sec.
- Transition Time : 15 msec.
- Display : 2x LEDs.
- Connection Type : Mounting on DIN rail.
- Weight : <80gr.
- Contact : 5A 250V AC Resistive Load
- Operating Altitude : <2000m
- Cable Diameter : 1,5mm²

Dimensions



Working Characteristics

Delta Contact		
Waiting	15msn	
Star Contact	ton	
UN (Supply)		

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.

Maintenance

Switch off the device and release fromconnections. Clean the trunk of device with aswab. Don't use any conductor or chemicalmight damage the device. Make sure deviceworks after cleaning.