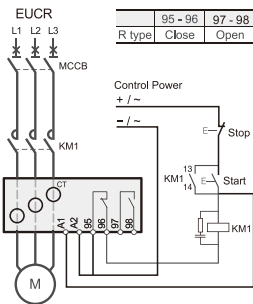


General

EUCR series undercurrent relays are designed for faults due to undercurrent...



	95 - 96	97 - 98
R type	Close	Open



EUCR
NLT (No Load Trip)

If the option is on with the load under the minimum detectable current, EUCR will trip

Connection diagram for EUCR

Usage of Relay and working principle

- 1) When commissioning, set automatic reset time (R-Time knob)
 - 2) Set trip delay time (U-Time knob) to desired trip time
 - 3) Set load currents (LOAD knob) at the rated full load or desired currents
 - 4) With connections made and control power on, depress TEST button and hold. Verify the orange LED illuminates and the internal relay should switch contacts after the U-Time. Then confirm that the orange LED flashes. After R-Time, the green LED flashes, the orange LED goes out, and the contact resets.
- ※ (Test button only works when no-load, for personnel and equipment safety)

Maintenance

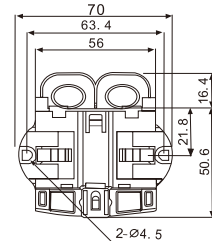
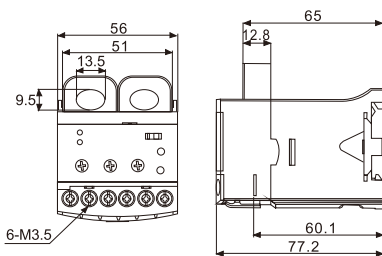
Periodic testing of TEST button is recommended to ensure the full protection and regularly as a preventive maintenance

Warnings

Authorized technical engineers only for installation, maintenance or repair. Adjust the settings according to the electric characteristics of a motor, an inappropriate setting may cause permanent damage on the motor. External filter should be installed to reduce harmonics in an environment where the AC power contains excessive harmonic than IEC standard. No installation in the site may result in accuracy problem, abnormal operation and mal-function.

LED Indication		EUCR	
		PWR(Green)	TRIP(Red)
Power on	NLT On	On	On
	NLT Off	On	Off
Starting		On	On
Normal operation		On	Off
Under-current		On	On
Trip	Underload	Off	On
	R-Time	Off	Blink

Dimensions for EUCR



DIN Rail & MOUNTING HOLE SIZE

Technical Specifications:

- Current Range: TYPE05)0. 5-6A, TYPE30)3-30A, TYPE60)5-60A
- Operating Voltage(Un): 90-260VAC/DC or 180-460VAC
- Operating Frequency: 50/60Hz
- Operating Power: <2W
- Operating Temperature: -20°C ~ +55°C
- Waiting(t): R-Time 0. 5-120s+off, U-Time 0. 5-30S
- Asymmetry Set: %±10
- Contact: 5A 250V AC Resistive Load
- Connection Diagrams: 35mm Din Rail(D) or Pane(P)