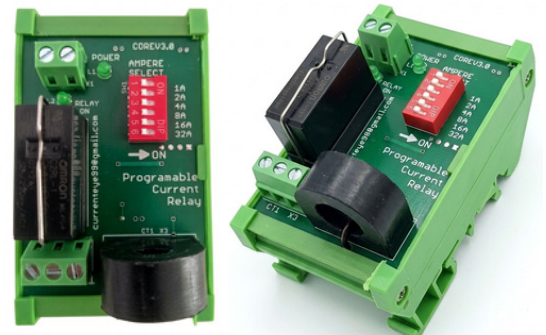


Main Features

- Programmable Current
- Pluggable relay for easy maintenance
- SPDT Relay Output (NO/NC/COM)
- Isolated AC Current Detection with CT
- Universal DIN Rail Mounting
- +24V single DC supply with reverse polarity protection



Technical Specifications

- Supply Voltage: +24V DC (+/- 10%)
- Detection Range: 1 to 63 Amp AC
- Settings Resolution: 1 Amp
- Measurement: True RMS
- Accuracy Class: 2%
- Relay Contact Rating: 6A @ 250VAC
- Relay Make: Omron / IDEC / OEN / Tyco/ Fujitsu or Equivalent
- Dimensions: 85x55x65 mm
- Housing Color: Green
- Operating Temperature: 0°C to +65°C
- Relative Humidity: 5% to 95% RH (Non-condensing)
- LED Indication for Power ON and Relay Status
- Response Time: <2 Sec

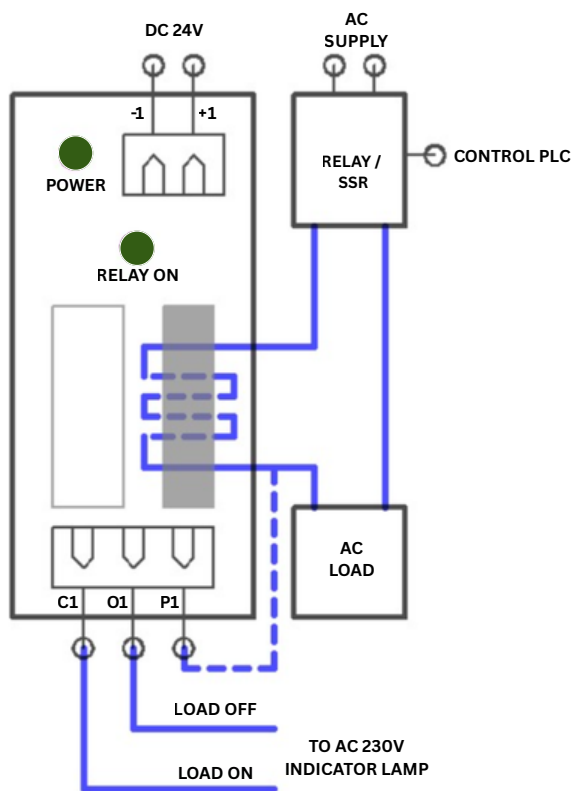
Applications

- Heater ON/OFF Detection
- AC Load Over and Under Current Detection
- Motor Current Monitoring
- PLC Feedback Systems
- AC Lamp Monitoring
- Industrial Automation Panels
- Machine Status Monitoring

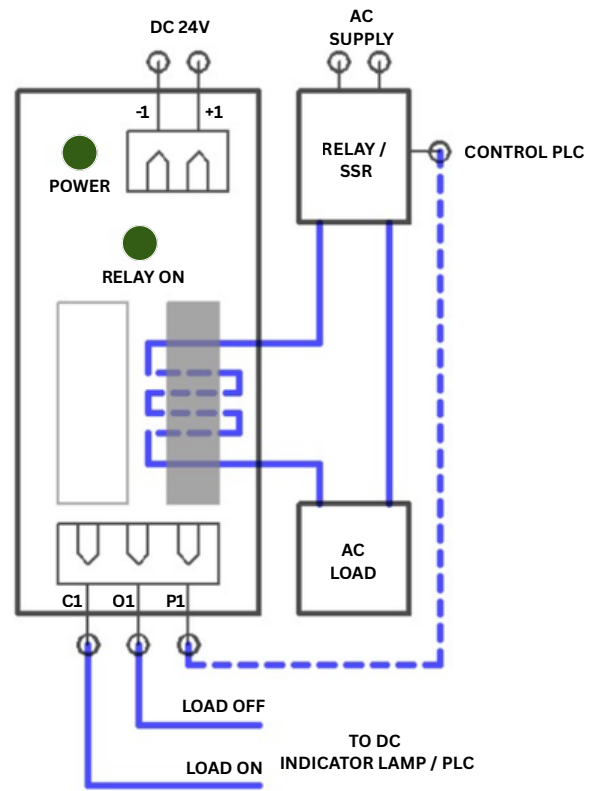
Operating Instructions

- Selector switch position to on select the ampere range from 1 to 63A.
- All on positions will be added for final current detection limit setting. For example, switching on positions for 1A and 2A will set the limit to 3A.
- Keeping all positions to off, will switch off the detection and will disable the device.
- CT primary turn ratio can be adjusted as per need for lower current resolution. Switch positions needs to be selected accordingly.
- Select the limit which is at least 1 Amp below your required detection current to ensure proper operation as the line voltages are usually fluctuating if no line regulators are used.

Application Diagrams



AC Lamp Indication System



PLC/DC Feedback System