



- **Technical Specifications:**
- Microprocessor-based.
- Operating temperature: between -5°C and $+55^{\circ}\text{C}$.
- Supply voltage: 3 x 220VAC %35
- Operating frequency: 50–60 Hz
- PTC Input: (P–N) 2 k Ω
- Cable cross-section: 1x 0.5–4 mm²
- Screw tightening torque: 0.5 Nm
- Complies with IP20 EN 60529 standards
- Operating frequency: 50–60 Hz
- Control output: 1 changeover, 10A / 250 VAC
- Power consumption: < 7A
- Electrical life: 100,000 switching cycles (resistive load)
- Mounts on DIN rail according to EN60715 (TH35)
- Weight : 0,13 kg

Warnings for Safe Use and Installation:

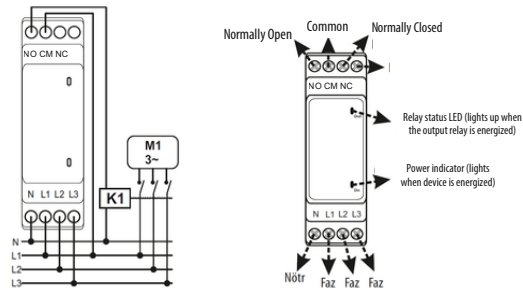
- Disconnect all supply voltage before performing any operation on the device.
- Do not energize the device before mounting it onto the panel.
- Check that all connections are correct before operating the device.
- In case of any malfunction, contact your authorized dealer.

General:

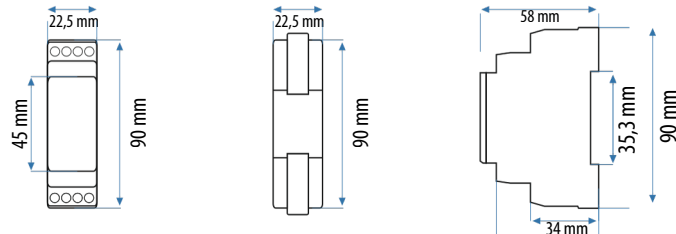
The MPR-03-0 Motor Protection Relay protects motors in three-phase systems against phase loss, phase failure, and voltage imbalance.

- **Phase Functions** : When the device is energized, if one or two phases are missing, the relay does not provide output.
- **Phase Sequence Error** : If the phase sequence is incorrect, the device does not provide output.
- **Voltage Imbalance** : If the phase-to-neutral voltage imbalance exceeds the specified limits, the relay does not provide output.

Connection Diagram:



Dimensions :



Assembly:

