

# PID Temperature Controller

DIN RAIL Mounting Digital PID

ESM-1520-N



► DIN RAIL Mounting

## Specifications

- 3 Digits display
- PTC, NTC PT-100, PT-1000 thermoresistances input types
- Fe-Const (J), NiCr-Ni (K) thermocouples input types (Must be determined in order)
- PID or ON/OFF Temperature Control
- Selection of operation with hysteresis
- Adjustable temperature offset
- Set value low limit and set value high limit boundaries
- SSR driver output
- Operation selection of compressor operates continuously, stops or operates periodically in case of probe defect
- Compressor protection delays
- Alarm parameters
- Password protection for programming mode

## Technical Specification

- Accuracy:** ±1% of scale
- Cold Junction Compensation:** Automatically ± 0.1°C/1°C
- Sensor Break Protection:** Upscale
- Sampling Cycle:** 3 samples per second

- Heating / Cooling Applications
- PID or ON/OFF selectable temperature control

