



Instruction Data sheet

ENGLISH

# TEMPERATURE CONTROLLER

Stock Number: 2228142



## 48 x 48 DIN Size Universal Input Temperature Controller

- 4 digits process(PV) and 4 digits process set value(SV) display
- Universal process input (TC, RTD )
- Configurable ON/OFF, P, PI, PD and PID control forms
- Adaptation of PID Coefficients to the system with Self-Tune operation (Step Response Tuning)
- Programmable Heating or Cooling Functions for Control Output
- Alarm Functions for Alarm Output



## Specifications

### Input

Process Inputs : Universal input TC, RTD

Thermocouple input types : Selectable by parameters J ,K ,R ,S ,T (IEC584.1)(ITS90)

Thermoresistance input type : PT 100 (IEC751) (ITS90)

### Output

Process Output : Relay (5A@250Vac. at resistive load) and

SSR Driver Output : (Maximum 20mA@12Vdc)

Alarm Output : Relay (5A@250Vac.resistive load)

### Environmental Rating and Physical Specification

Storage/Operating Temperature : -40 °C to +85 °C / 0 °C to +50 °C

Storage/Operating Humidity : 90 % max. (None condensing)

Protection Class: NEMA 4X (IP65 at front, IP20 at rear).

### Supply Voltage

24Vac/Vdc (-%15, +%10) 50/60Hz

### Dimensions

48 x 48 mm

## Electrical Wirings

