



ENGLISH

Instruction Data sheet

PID TEMPERATURE CONTROLLER

Stock Number:



48 x 48 DIN Size PID Temperature Control Unit

- 3 Digits process (PV) and 4 Digits set (SV) display
- Temperature sensor input (TC,RTD)
- Programmable ON/OFF,P,PI,PD and PID control forms
- Adaptation of PID Coefficients to the system with Self-Tune and Auto-Tune
- Programmable Heating or Cooling Functions for Control Output
- Selectable Alarm Functions for Alarm Output



Specifications

Input

Process Input: TC,RTD

Thermocouple (TC): J,K,R,S,T and L(IEC584.1)(ITS90)

Thermoresistance(RTD): Cu-50 and PT-100 (IEC751)(ITS90)

Output

Process Output : SSR Driver Output (Maximum 10mA, Max. 12V $\overline{\text{---}}$)

Alarm Output: Relay (5A@250V $\sim$ at resistive load)

Environmental Rating and Physical Specification

Operating Temperature : 0 °C to +50 °C

Humidity : 90 % max. (None condensing)

Protection Class : IP65 at front, IP20 at rear

Supply Voltage

100...240 (-%15, +%10) 50/60Hz

Dimensions

48x48mm

Electrical Wirings

