



Instruction Data sheet

ENGLISH

# PROCESS CONTROL UNIT

Stock Number: 2228150



## 48 x 48 DIN Size Universal Input PID Process Controller

- 4 digits process (PV) and 4 digits process set value (SV) display
- Universal process input (TC, RTD, mV  $\equiv$ , V  $\equiv$ , mA  $\equiv$ )
- Dual or multi point calibration for  $\equiv$ voltage /current inputs
- Configurable ON/OFF, P, PI, PD ve PID control forms

- Adaptation of PID coefficients to the system with Auto-tune and Self-tune
- Manual/Automatic mode selection for control outputs
- Bumpless transfer
- Programmable heating, cooling and alarm functions for control outputs



## Specifications

### Input

Universal Input TC, RTD, Voltage / Current

Thermocouple (TC): L(DIN 43710) J, K, R, S, T, B, E, and N (IEC 584.1) (ITS90), C (ITS90)

Thermoresistance (RTD): PT-100 (IEC751) (ITS90)

Voltage/ Current Input Types Selectable by parameters.

0...50mV, 0...5V, 0...10V or 0...20mA, 4...20mA

### Output

Standard Relay Outputs :3 pieces 5A@250V $\sim$  at resistive load)

They can be programmed as Control or Alarm output) (Electrical Life 100000 operation Full Load)

### Environmental Rating and Physical Specification

Operating Temperature : 0...50°C

Humidity : 0-90%RH (none condensing)

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

### Supply Voltage

24Vac/Vdc 50/60Hz

### Dimensions

48 x 48 mm

## Electrical Wirings

