



Instruction Data sheet

ENGLISH

# PROCESS CONTROLLER

Stock Number: 2228154



**48 x 96 DIN Size**

## Universal Input PID Process Controllers

- 4 digit process (PV) and 4 digit set (SV) display
- Universal process input (TC, RTD, mΩ Z, Ω Z, mA Ω)
- Dual or multi point calibration for Ω Voltage & Ω current inputs
- Programmable ON/OFF, P, PI, PD and PID control forms
- Auto-tune and Self-tune PID
- Manual/Automatic mode selection for control outputs
- Bumpless transfer
- Programmable heating, cooling and alarm functions for control outputs



## Specifications

### Input

Universal Input: TC, RTD,  $\overline{\text{---}}$  Voltage/Current

Thermocouple (TC): L(DIN 43710) , J , K , R , S , T , B , E and N (IEC584.1)(ITS90) , C (ITS90)

Thermoresistance (RTD): PT-100 (IEC751)(ITS90)  $\overline{\text{---}}$  Input: mV, V, mA

### Output

Standard Relay Outputs : Two relays. 5A@250V $\sim$ (at resistive load) (They can be programmed as Control or (Alarm output)

SSR Driver Output : Maximum 17mA, Max. 25V  $\overline{\text{---}}$

### 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

100-240 V  $\sim$  50/60 Hz (-15%;+10%), - 6VA

### Dimensions

48x96mm

## Electrical Wirings

