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Instruction Data sheet

PROCESS CONTROLLER

Stock Number: 2228146



48 x 48 DIN Size
Universal Input PID Process Controllers

- 4 digit process (PV) and 4 digit set (SV) display
- Universal process input (TC, RTD, m⎓ Z, ⎓ Z, mA ⎓)
- Dual or multi point calibration for ⎓Voltage & ⎓ 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

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Specifications

Input

Universal Input: TC, RTD, ⎓ 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) ⎓ Input: mV, V, mA

Output

Standard Relay Outputs : Two relays. 5A@250V~(at resistive load) (They can be programmed as Control or (Alarm output)
SSR Driver Output : Maximum 17mA , Max. 25V⎓

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...240Vac 50/60Hz

Dimensions

48x48mm

Electrical Wirings

