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Instruction Data sheet

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 ⎓, V ⎓, mA ⎓)
- Dual or multi point calibration for ⎓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

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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 (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~ 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

