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Instruction Data sheet

TEMPERATURE CONTROLLER

Stock Number: 2228139



77 x 35 DIN Size
Digital Temperature Controller

- 4 Digits Display
  2-Wire PT-100 Input
- Adjustable temperature offset
- PID or ON/OFF temperature control
- 2 output for compressor and alarm controls
- Selectable heating or cooling function
- Selection of operation with hysteresis
- Set value low limit and set value high limit boundaries
- Compressor protection delays
- Operation selection of compressor operates continuously, stops or operates periodically in case of sensor defect
- Alarm parameters
- Adjustable internal buzzer according to Sensor prob defect and Alarm status
- Password protection for programming section
- Installing parameters using Prokey
- Remote access, data collecting and controlling with Modbus RTU
- Having CE mark according to European Norms

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Specifications

Input

Thermoresistance input type: PT-100 (IEC751) (ITS 90)

Output

Relay Outputs : 16(8) A@250 V ~ at resistive load(Compressor Output)
(Electrical life : 100.000 switching at full load)
: 5 A@250 V ~ at resistive load (Alarm output)
SSR Driver Outputs : Max. 20mA@17 V⎓

Environmental Rating and Physical Specification

Storage / Operating Temperature : -30 °C to +80 °C / -20 °C to +70 °C
Storage / Operating Humidity : 90 % max. (None condensing)
Protection Class : NEMA 4X (IP65 at front, IP20 at rear)

Supply Voltage

10..30Vdc

Dimensions

77x35mm

Electrical Wirings

