



Instruction Data sheet

ENGLISH

# TEMPERATURE CONTROLLER

Stock Number: 2228138



## 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



## 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<sub>DC</sub>

### 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

24Vac/Vdc (-%15, +%10) 50/60Hz

### Dimensions

77x35mm

## Electrical Wirings

