



Instruction Data sheet

ENGLISH

# TEMPERATURE CONTROLLER

Stock Number:

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## 77 x 35 DIN Size Digital , ON / OFF Temperature Controller

- 4 Digits Display
- 2-Wire PT-100 Input or,
- Adjustable temperature offset
- ON/OFF temperature control
- Selectable heating or cooling function
- Selection of operation with hysteresis
- Adjustable temperature offset
- Set value low limit and set value high limit boundaries
- Operation selection of compressor operates continuously, stops or operates periodically in case of sensor defect
- Compressor protection delays
- Adjustable internal buzzer according to sensor defect 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 Output: 16(8) A@250 V  $\sim$  for Resistive load  
 (Electrical life : 100.000 switching at full load) or  
 30(15)A@240 V  $\sim$  for Resistive load  
 (Electrical life : 100.000 switching at full load)

### 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

24V $\sim$  (  $\pm$ %15) 50/60Hz - 1.5VA

### Dimensions

77x35mm

## Electrical Wirings

