



Instruction Data sheet

ENGLISH

# COOLING CONTROLLER

Stock Number: 2228128



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

- 4 Digits Display
- NTC Input
- 3 output for compressor, defrost and fan controls
- 2 sensor input for cabinet and evaporator
- Configurable digital input
- ON / OFF Control
- Separately adjustable 2 offset value for cabinet and evaporator sensor
- Set value boundaries
- Operation selection of compressor operate continuously, stops or operates periodically in case of cabinet probe defect
- Compressor protection delays
- Selectable defrost function (hot gas or electric )
- Adjustable defrost time from front panel
- Manual defrost from front panel
- Defrost parameters
- Alarm parameters
- Fan can be operated depending on compressor and defrost
- Fan can be operated depending on evaporator temperature or (cabinet - evaporator ) temperature
- Adjustable internal buzzer according to the defrost, cabinet prob defect and alarm status
- Defrost time and/or manual defrost and/or temperature set value protection
- Password protection for programming mode
- Installing parameters using Prokey
- Remote access, data collecting and controlling with Modbus RTU
- Having CE mark according to European Norms



## Specifications

### Input

Temperature Sensor Inputs: NTC  
 NTC Input Type (10 kΩ @25 °C)

### Output

Relay Outputs : 16(8) A@250 V ~ at resistive load(Compressor Output)  
 : 5 A@250 V ~ at resistive load(Defrost and Fan Output)

### Environmental Rating and Physical Specification

Storage / Operating Temperature : -40 °C to +85 °C / 0 °C to +50 °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

