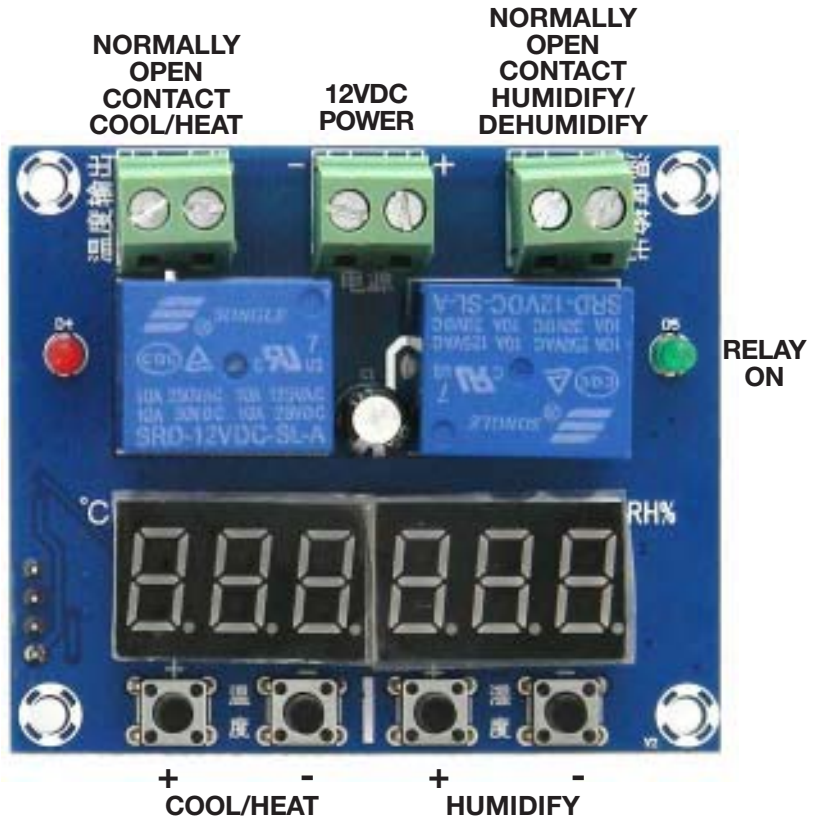


34694-MI

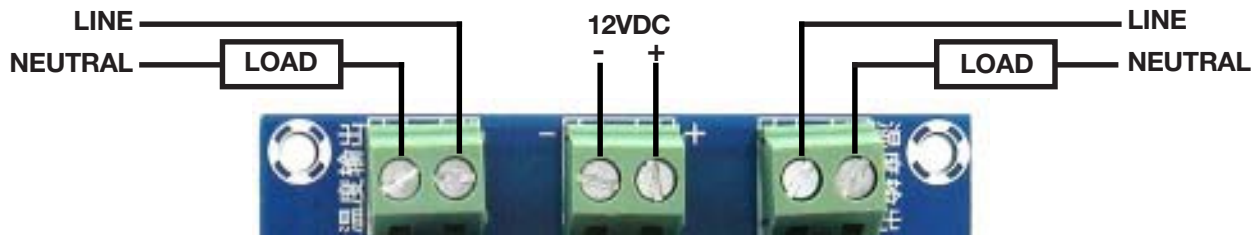
Temperature & Humidity Controller

Dual channel controller for maintaining constant temperature and humidity.
Supports Heating or Cooling.
Supports Humidify or Dehumidify
LED Display of temperature and humidity.
Remembers Settings with power off
Power:12VDC
Temperature Measurement Range: -40~120 deg. "C"
Humidity Range:0~100%RH
Resolution:0.1deg. "C"
0.1%RH
Detector: Integrated Temp/Humidity Sensor
Detector Cable Length: ~90cm (3ft.)
Test Probe Cable Length: ~90cm (3ft.)
Relay: Dual SPST-NO
Contacts: 10A@125/250VAC/30VDC
Connections: Terminal Strips
LED Relay Status Indicators
L: 2-1/2" W: 2-3/16" H: 1" WT: .2



LOADS:

Temperature: Heat or Cool NOT BOTH
Humidity: Humidify or Dehumidify NOT BOTH
DC: 12-30VDC/10A max
AC: 110-240AC/10A max



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34694-MI

Temperature & Humidity Controller

SETTING:

FAULT CODES: Display **LLL**: There is a Sensor fault
Display **HHH**: Temperature exceed the measurement range

HEAT or COOL MODES: Auto Detect

Heating Mode: Start Temperature < (lower than) Stop Temperature.

Cooling Mode: Start Temperature > (higher than) Stop Temperature.

1. Set the Start (+) Temperature: (Relay Energized)
Normal display mode
Press the Left Side “+” Button for 3 seconds, Temperature Display will flash
Press the “+ or -” Buttons to set values.
Wait ~5sec. unit will store setting & return to normal operation
2. Set the Stop (-) Temperature: (Relay De-energized)
Normal display mode
Press the Left Side “-” Button for 3 seconds, Temperature Display will flash
Press the “+ or -” Buttons to set values.
Wait ~5sec. unit will store setting & return to normal operation

HUMIDIFY or DEHUMIDIFY MODES: Auto Detect

Humidify Mode: Start % < (lower than) Stop %. (Connect a Humidifier)

Dehumidify Mode: Start % > (higher than) Stop %. (Connect a Dehumidifier)

1. Set the Start (+) %: (Relay Energized)
Normal display mode
Press the Right Side “+” Button for 3 seconds, Humidity Display will flash
Press the “+ or -” Buttons to set values.
Wait ~5sec. unit will store setting & return to normal operation
1. Set the Stop (-) %: (Relay De-energized)
Normal display mode
Press the Right Side “-” Button for 3 seconds, Humidity Display will flash
Press the “+ or -” Buttons to set values.
Wait ~5sec. unit will store setting & return to normal operation

RESTORE FACTORY SETTINGS:

At the same time; Press **Temperature, and Humidity + Buttons** for 3 seconds
Display will show 888, 888

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