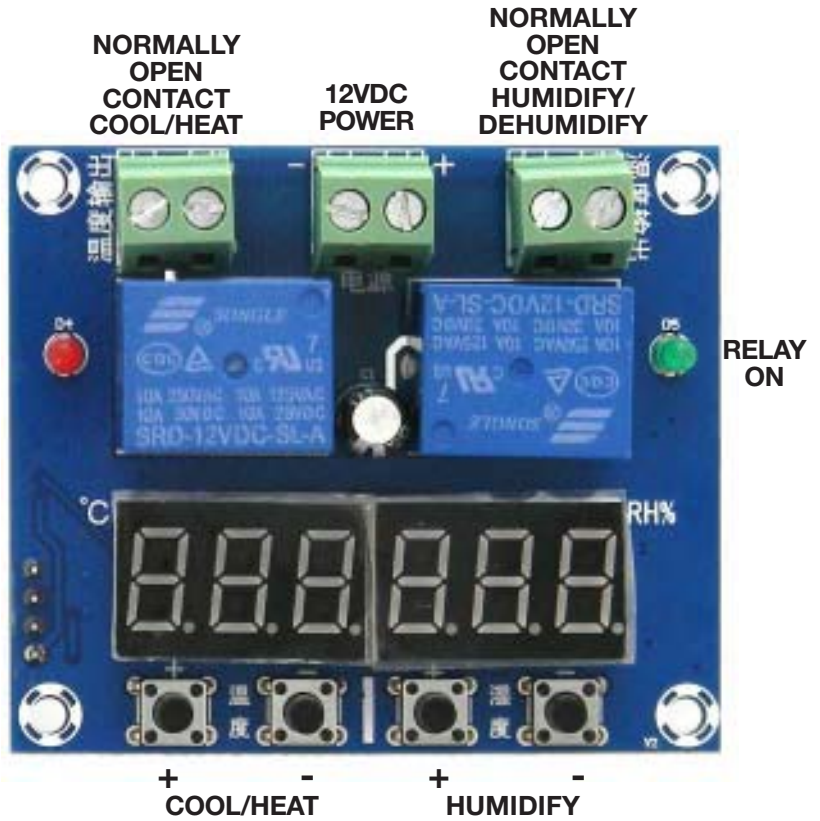


34694-MI

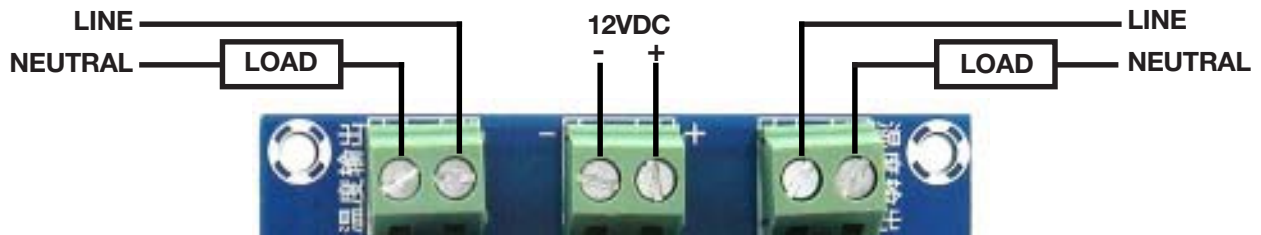
Temperature & Humidity Controller

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 @ <150mA
 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



Information including Drawings, Schematics, Links and Code (Software) Supplied or Referenced in this Document is supplied by MPJA inc. as a service to our customers and accuracy or usefulness is not guaranteed nor is it an Endorsement of any particular part, supplier or manufacturer. Use of information and suitability for any application is at users own discretion and user assumes all risk.

Information Subject to Change Without Notice
 All rights are retained by the respective Owners/Author(s)



MARLIN P. JONES & ASSOC., INC.

P.O. Box 530400 Lake Park, FL 33403
 800-652-6733 FAX 561-844-8764
 WWW.MPJA.COM

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

Information including Drawings, Schematics, Links and Code (Software) Supplied or Referenced in this Document is supplied by MPJA inc. as a service to our customers and accuracy or usefulness is not guaranteed nor is it an Endorsement of any particular part, supplier or manufacturer. Use of information and suitability for any application is at users own discretion and user assumes all risk.

Information Subject to Change Without Notice
All rights are retained by the respective Owners/Author(s)



MARLIN P. JONES & ASSOC., INC.

P.O. Box 530400 Lake Park, FL 33403

800-652-6733 FAX 561-844-8764

WWW.MPJA.COM