

## CONNECTIONS

### **Power Connections:**

Connect 120/240 VAC to input terminals 1 and 2.

### **Sensor Connections:**

1. Connect one lead of each thermistor to Terminals 6, 7, 8, 9, 10 and 11 respectively.
2. Connect other lead of each Thermistors to common terminal 5.
3. Maximum number of Thermistors in **parallel**: Six (6)

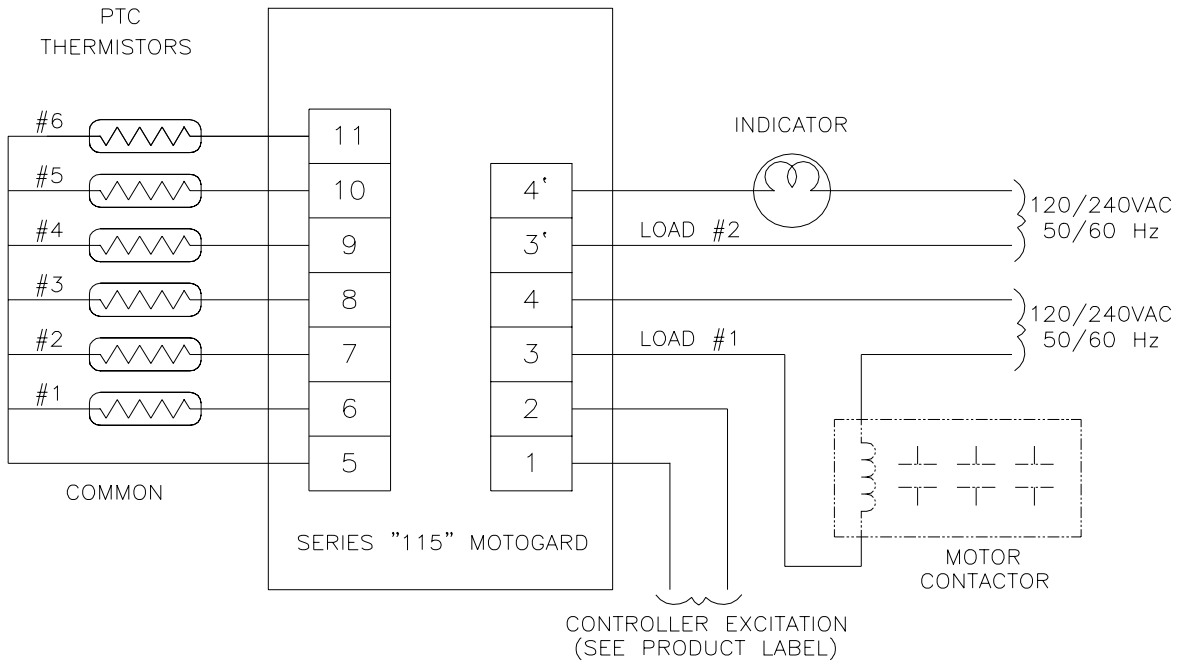
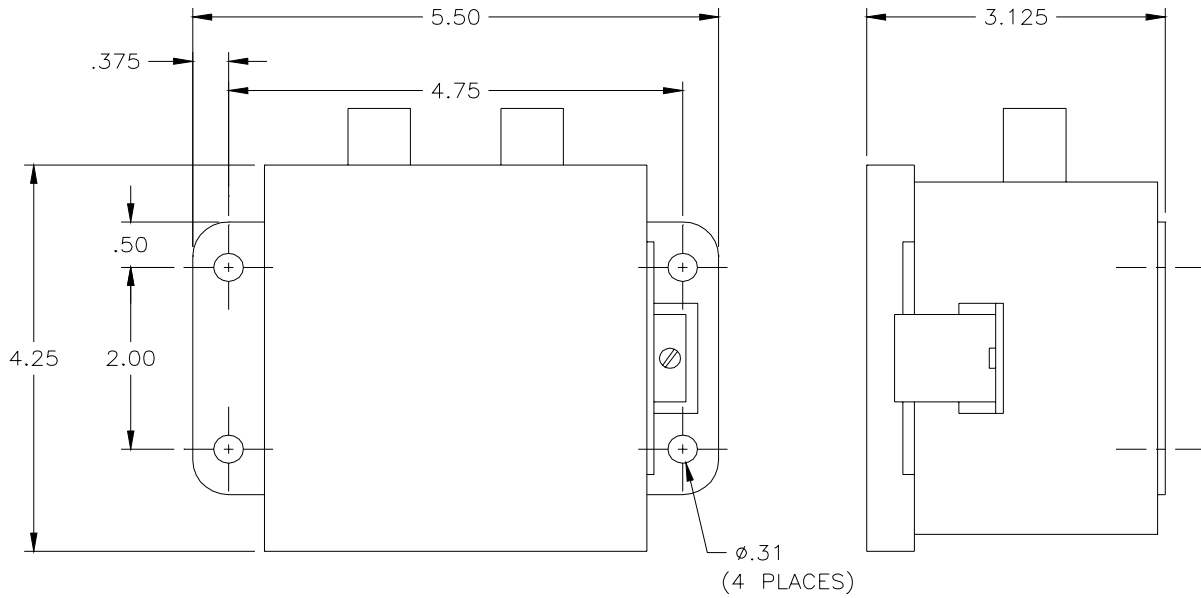
### **Output Load Connections:**

1. With power applied to the controller and all input sensors in their low impedance states. Terminals 3 and 4 become the equivalent to a closed contact of an electromechanical relay.
2. With power applied to the controller and all input sensors in their low impedance states. Terminals 3' and 4' become the equivalent to an open contact of an electromechanical relay.
3. Be sure power is never applied directly across contacts but always in series with a load.
4. Maximum allowable load- **5 amps at 115VAC**
5. The closed output of the Motogard Over Temperature Protection System has been specifically designed to operate directly in series with most main line contactors. If a small interposing relay must be used, the sealed burden should be greater than 10VA.
6. The open output of the Series “115” controller can be used for trip indication.

See opposite side for possible wiring option.

# Series "115" Motogard

Six (6) Thermistors in parallel



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