

# MC-5A Temperature Controller

The MC-5A is a compact closed-loop heater controller that's easy to program and connect. The controller can be connected to any 85 - 240 VAC heating products up to 5A and includes a single Type K thermocouple connection. The MC-5A Temperature Controller is ideal for quick and easy temperature regulation of TUTCO Farnam flex heaters, as well as a number of our other heating solutions.

## Features and Benefits

- **A multi-color RGB LED** informs you of operation states, process events, and alarms.
- **An easy to read digital display** is used to monitor set point temperature, and process temperature.
- **Simple button programming fob** is inserted into the RJ-11 jack to enter the required set point temperature. Once finished, the programming fob may be removed from the RJ-11 jack, preventing unauthorized change or tampering of the set point temperature. One button programming fob can be used to program multiple MC – 5A temperature controllers.
- **For your safety**, power is automatically removed from the heater when entering programming mode. Power is automatically removed from the heater when the temperature exceeds the high limit temperature of 200C.

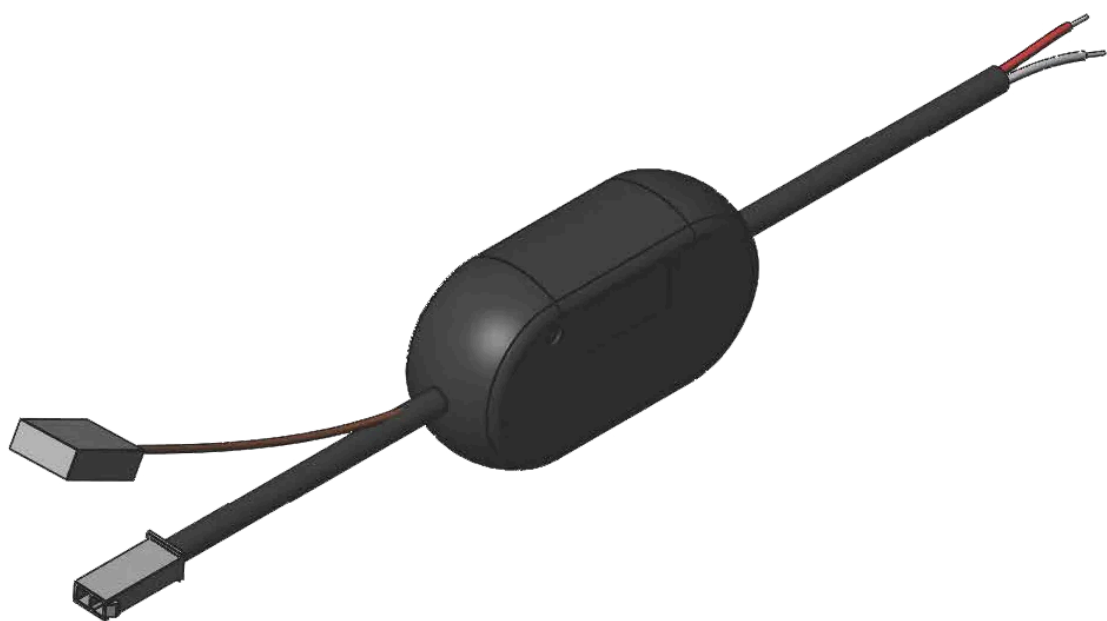
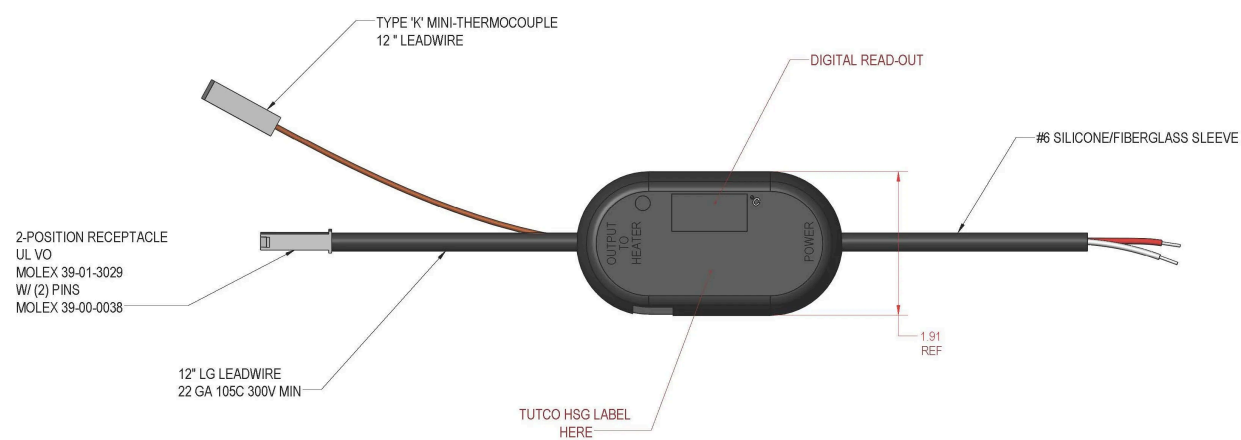


## Specifications

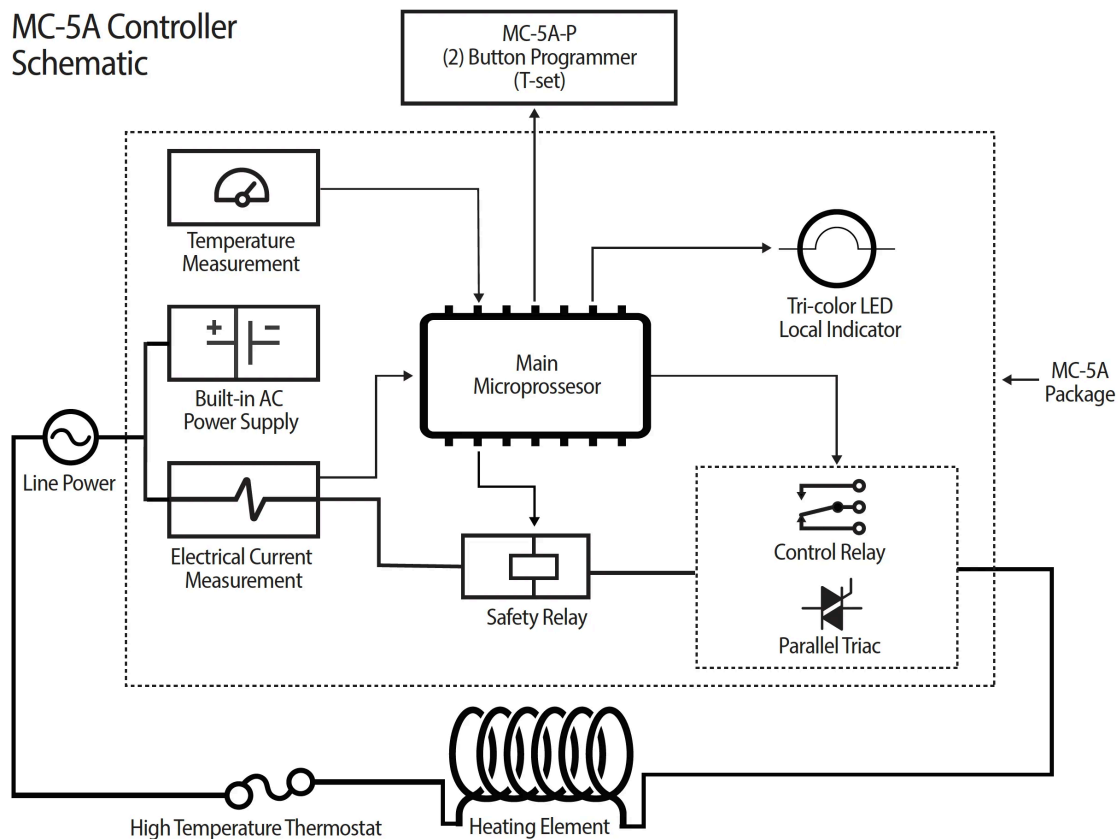
**Input Voltage**.....85 – 240 VAC 50/60 Hz  
**Maximum Current**.....5A  
**Set Point Range**.....20°C-200°C (68°F-392°F)

**Input Sensor**.....The female Type K mini connector\*

**Housing Dimensions**.....3.51" L X 1.91" W X 1.10" H



## MC-5A Controller Schematic



## Resources



### BROCHURES

Sales Sheet



### MANUALS

Quickstart Guide



### DRAWINGS

Dimensions  
Schematics



### VIDEOS

MC-5A Introduction  
MC-5A Installation  
MC-5A Operation

## Complete Your Thermal System

Check out these upgrade options for the MC-5A Temperature Controller



## Axial Fan Heaters

Order AF20 heater with MOD#161 and THRM241 thermocouple

INFO



## Flexible Heaters

Precision-grade flexible heaters

INFO



### **Cool Touch™ 050**

Triple-pass construction that minimizes skin temperatures on the heater. MOD#092

INFO