

FEATURES:

- ◆ Inexpensive, microprocessor based design
- ◆ Relay output, SPDT 1A contact
- ◆ Anti short cycle time delay
- ◆ Set includes 10 k thermistor, and mounting track



APPLICATION:

The E-610 may be used as a simple temperature controller, providing on/off relay output for fans, heaters, shut off valves and alarm systems. Because of its software adjustable parameters, the product is highly customizable - an ideal solution for many OEM temperature control applications.

SPECIFICATIONS:

- Power:** 12 to 24 VAC or VDC
- Input:** Single NTC 10 k thermistor in brass tubing (provided),
- Output:** Form C output relay (rated 1A @ 30 VDC and 0.5A @ 125 VAC)
- Indication:** Status - Green LED
- solid = Power ON
 - flashing = Thermistor wiring fault
- Temperature Range:** -25°C to 100°C (-13°F to 212°F)
- Dimensions:** 1" x 2.25" (26 x 57 mm) , board mounts in TR-1 plastic snap track (provided)

PRODUCT DESCRIPTION:

The E-610 is a temperature controller with the ability to act as an ON/OFF temperature thermostat. The device is capable of fully stand alone operation. The unit may be programmed (preset in the factory) in one of three control modes:

- (a) **temperature range mode** in which it will turn ON the output relay between two defined temperatures
- (b) **set point mode for heating mode** in which it will turn ON below a defined temperature and OFF above a defined temperature
- (c) **set point mode for cooling mode** in which it will turn ON above a defined temperature and OFF below a defined temperature

L1 - STATUS INDICATOR (GREEN)
 - SOLID = POWER ON, STATUS OK
 - FLASHING = THERMISTOR WIRING FAULT

L2 - RELAY STATUS INDICATOR (RED)
 (ON WHEN RELAY ENERGIZED)

