

## THERMOMETER OPERATION:

This microprocessor controlled digital thermometer uses remotely wired temperature sensor probe to read local temperature.

The probe may be located up to several hundred feet away from the controller. It may be wired using any type of a two-conductor cable and does not have to be shielded.

It is suggested that the wire size not be too heavy in the vicinity of the probe as a significant mass of metallic conductor can distort the readings by conducting heat or cold to the sensor probe.

**CAUTION:** All installation and adjustments of controller options **MUST** be done **ONLY** when **ALL POWER** to load and controller is disconnected.

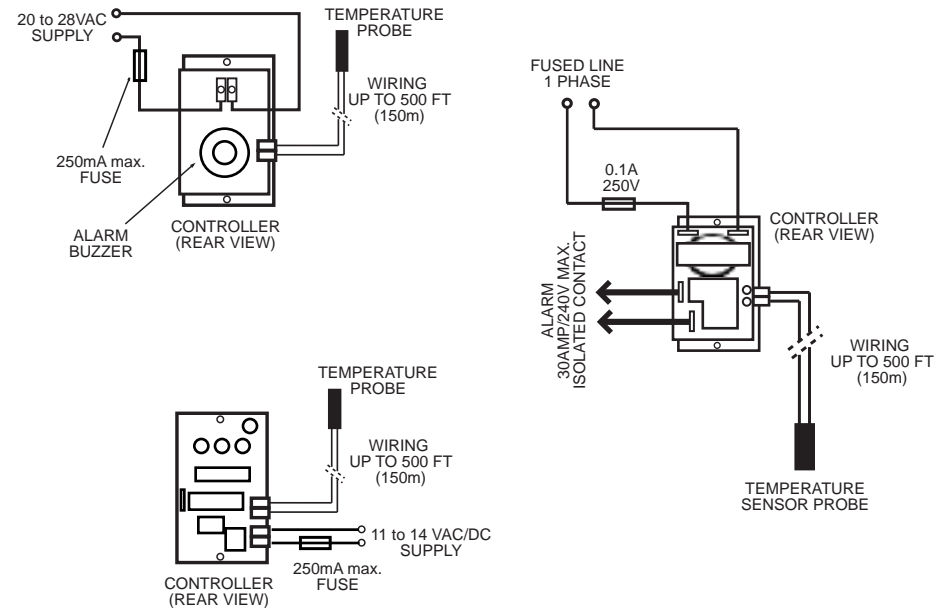
## TROUBLESHOOTING:

Sensor wiring and controls are continually checked for proper operation. If a malfunction is detected, controller will automatically display text "Err" until malfunction is fixed.

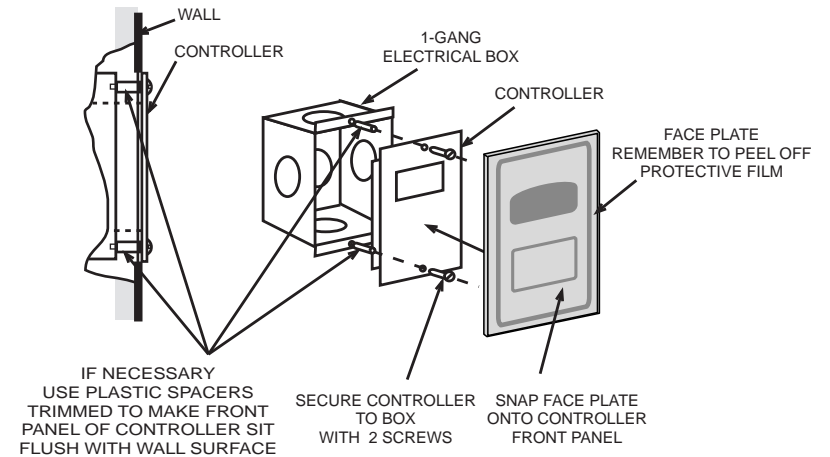
If the cause of malfunction is an open probe wiring, the display will also show text "LO".

Text "LO" will also be displayed when the sensed temperature is below the lowest reading limit.

If the sensed temperature exceeds the upper reading limit the display will indicate: "HI".



## WIRING EXAMPLES



Size:	Fits in 1-gang masonry box.
Dimensions:	1-3/4" x 2.75" x 2.5" (45mm x 70mm x 64mm) (WxHxD)
Face Plate:	Metal or Stainless Steel 2.75" x 4.5" (70mm x 114mm) with plastic decal (may be customized)