

series SDH-2 ... DIGITAL THERMOSTAT

INSTRUCTIONS

HOW TO START:

1. Turn preset knob to "LOW" then rotate until display reads desired temperature.
2. Controller will remain in Preset mode as long as knob is operated.
3. After several seconds preset will be locked-in automatically and controller will start.

TEMPERATURE ADJUSTMENT DURING OPERATION:

User may readjust temperature by rotating preset knob to "LOW" and then setting new value.

CONTROL OPERATION:

1. Controller switches load ON and OFF as required to maintain the preset temperature value compared to the sensor reading.
2. Every several seconds display will show preset temperature value and then return to current temperature reading.

MANUAL STOP:

Turn knob to "LOW" or activate optional REMOTE STOP switch for few seconds. Controller will automatically stop. The load will be switched OFF.

AUTOMATIC STOP:

Controller stops automatically when malfunction is detected or temperature exceeds upper limit.

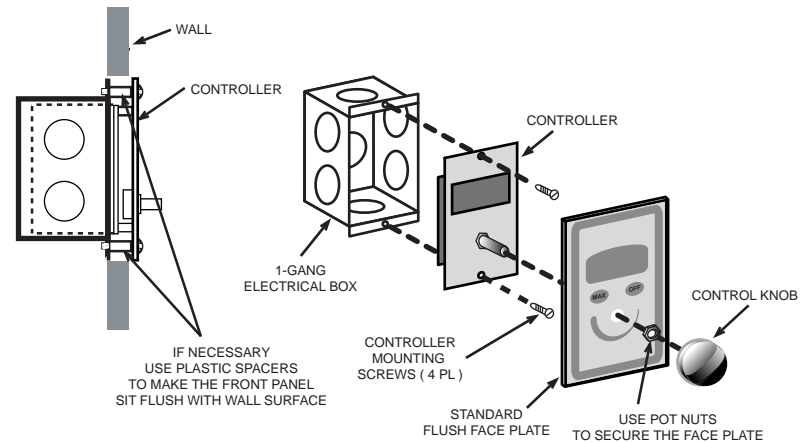
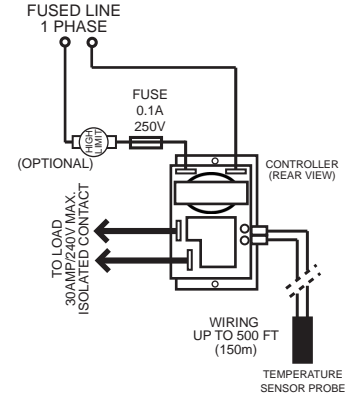
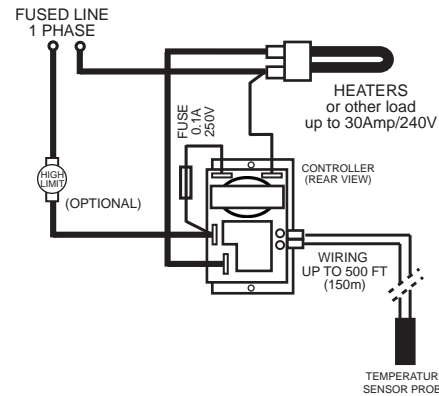
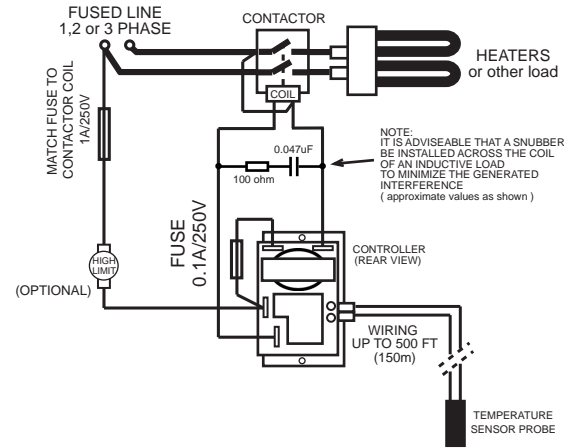
IDLE/MONITORING OPERATION:

Display shows "OFF" to indicate that controlled load is switched OFF. When preset knob is at "LOW" and after several seconds of "no-action", controller enters "IDLE" state to monitor current temperature reading on the display.

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 switch OFF the load and deactivate itself. At the same time display will show "Err".
Controller cannot be reactivated until all causes of malfunction are fixed.



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 2.75" x 4.5" (70mm x 114mm) with plastic decal (may be customized)

WIRING EXAMPLES