

General Description

The TAI-2000D/TAI-2001D series wall mount temperature alarm provides accurate temperature display with audible and visual alarms and adjustable high/low setpoints.

Applications

Applications include refrigeration, HVAC, food service, medical and industrial equipment.

Features

- Membrane touch-pad programming
- 0.56" high red LED display
- Programmable alarm setpoints
- Audible and visual alarms (flashing display)

Temperature Alarms

TAI-2000D

TAI-2001D

Specifications

Power requirements: Available in 12 or 24 volt models - Specify AC (2VA) or DC (100 mA) voltage supply
Sensor: Semi-conductor with vinyl cap supplied with 36" of three conductor 26AWG wire
Accuracy: $\pm 1^\circ\text{F}$, $\pm 1^\circ\text{C}$
Operating range of sensor: -40° to 199°F , -40° to 93°C

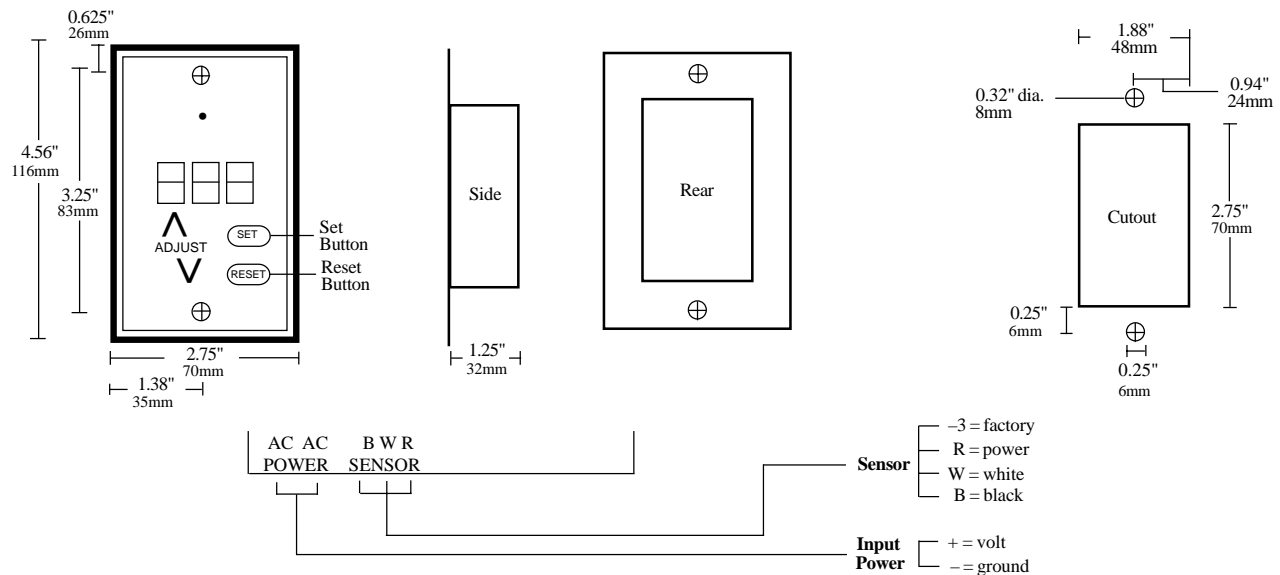
Ambient temperature range: 20° to 158°F , -6° to 70°C

Humidity: 90% non-condensing

Agency approvals: NSF listed depending on model (consult factory)

Weight: 3.6 oz. (0.10kg)

Dimensions & Wiring



Operating Instructions

HIGH/LOW ALARM SETPOINTS, HIGH/LOW LOGGING VALUES AND CALIBRATION

High Alarm Limit "HSP" – To set high alarm limit, press the SET button to display "HSP," and again to display "HSP" value. Adjust up and down arrow until desired value is displayed.

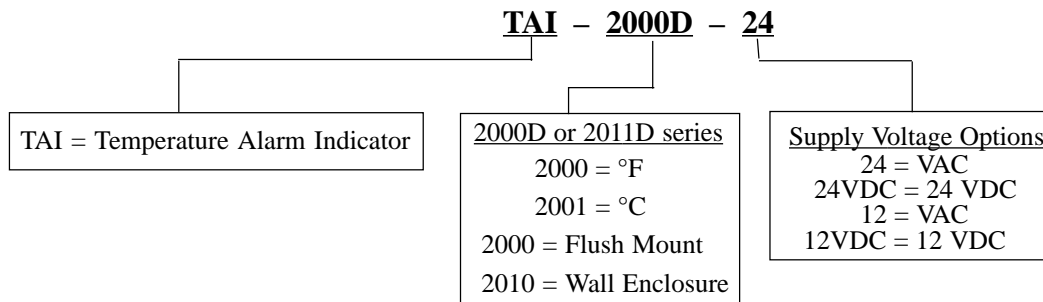
Low Alarm Limit "LSP" – To set low alarm limit, press the SET button to display "LSP," and again to display "LSP" value. Adjust up and down arrow until desired value is displayed.

Calibration "CAL" – Calibration can be programmed ± 30 degrees. Unit is factory calibrated to a certified standard.

Reset Button – Press to silence alarm, display will flash until temperature returns to normal.

Ordering Information

Please use the following example when ordering:



Custom Design & Modifications

In addition to standard models, Control Products specializes in complete custom design of electronic controls. Modifications of our standard controls are also available. Please consult factory for more information.

Warranty

Control Products, Inc. warrants its products to be free from defects in material and workmanship under normal use for one year and is not responsible for consequential damages or installation costs of any nature. Exposure to contaminants and extreme environmental conditions such as moisture, temperature, chemicals, etc. may cause the unit to degrade or fail. Control Products accepts no liability for product applications or customer application testing.