

SUPALM006 TEMPERATURE ALARM

OPERATING INSTRUCTIONS

The SUPALM006 is a single sensor temperature alarm which features separate individuality adjustable over temperature and under temperature alarm set-points.

The Front Panel display shows Power ON, Alert/Alarm Status and two color-coded scales for under and over temperature set-points.

A one hour Delay may be selected from a concealed slide switch. When this option is selected the Alert/Alarm light will flash on one hour before an audible beeper is activated.

High Current Dry Contacts are provided for connection of external remote devices.

- **ON LIGHT** indicates power is supplied to the SUPALM006. If at any time this light is not on, check the power source immediately.
- **DELAY/NO DELAY SWITCH** located under the front cover (see illustration) allows selection of an immediate audible alarm response (NO DELAY) or a one hour hold (DELAY) before alarm activation.
- **ALERT LIGHT** will flash on and off when temperature rises above or below the pre-set points. When the unit is set on a "NO DELAY" mode the alert light and the alarm will be activated at the same time. When set on a "DELAY" mode the alert light will flash but will not activate the alarm until a one hour time frame has passed. The alert light will automatically reset when the temperature returns within the alarm settings.
- **AUDIBLE BEEPER** will sound when the temperature rises above or below the pre-set points. If the Delay feature is used this will happen ONE HOUR after the temperature has passed the upper or lower set points. If a remote device such as a dialer or remote alarm is attached to the TA-6 it will be energized at the same time the audible beeper sounds. Note that the contacts on the TA-6 are Dry Contacts and power for the remote device must be supplied externally. Under no circumstances should the audible beeper be ignored. This is a clear and unmistakable signal that temperature range has been exceeded and immediate action is required.
- **TEMPERATURE SCALE** The SUPALM006 set points will cover any range from -10 degrees F to +80 degrees F. The Upper and Lower Set Points are individually adjustable to permit the user to select the range of temperature which best fits their particular application. For freezers and refrigerators the temperature ranges can be expected to be -10 degrees F to 15 degrees F and from +35 degrees F to +45 degrees F respectively.
- **SENSOR PROBE** is designed to measure air temperature and can be mounted at any convenient place. The sensor can be extended with ordinary thermostat or speaker wire.
- **REMOTE ALARM HOOK-UP** In addition to the self contained alarm system the SUPALM006 features an internal relay with NO and NC contacts rated at 120VAC 5 AMPS. This allows even the largest remote alarm to be connected without the need of an external contactor.

SPECIFICATIONS

Line Voltage: 120 VAC with 6 FT. Cord provided

Probe: One Precision Encapsulated Sensor with 6 FT. Cord

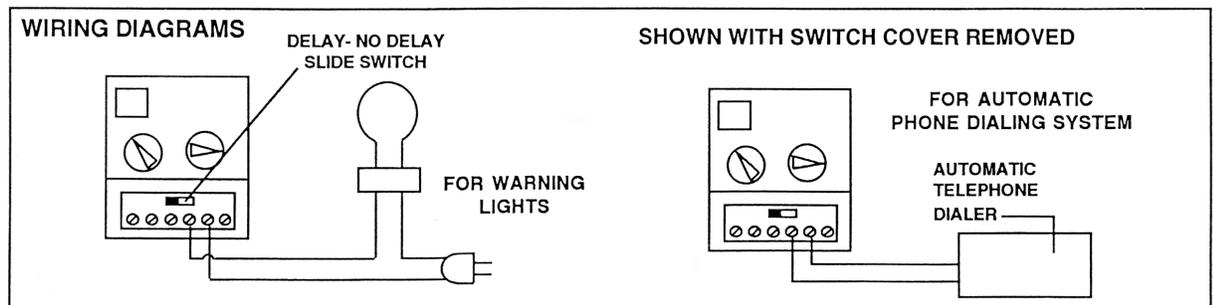
Alarm Adjustment Range: -10 to + 80 Degrees F.

Remote Connections: Screw type, 120VAC 5 AMP, 3HP

Mounting: Surface, External Holes

Dimensions: 3" x 4 7/8" x 1 5/8" DP

Case Material: Hi-impact Thermoplastic



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