Supco®
THE RIGHT CHOICE

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TAL2

Temperature Alarm Logger

Set high and low alarms for two (2) temperature sensitive applications, and track their temperature trends, simultaneously.

Alarm Functions

- Audible alarm & Relay contacts
- Relay contacts can connect to remote alarm or phone dialer
- Programmable alarm delay
- Alarm event storage (up to 45 events)

Logger Functions

- Programmable interval (1 sec. to 18 hrs.)
- Data rollover
- Store 32,250 (single temp.) or 16,125 (dual temp.) data points
- Battery backup
- Software included
- Minimum System Requirements: 8MB of RAM, 2M of disk space, 800 x 600 resolution, 1 free COM port or a free USB port (optional USB interface is required, p/n USBS)

MADE IN THE USA

Applications

- Food Markets, Convenience Stores, Supermarkets
- Restaurants, Florists, Greenhouses
- Laboratories, Pharmaceutical Storage Facilities
- Refrigerated Transport, Cold Storage Facilities
- Computer Rooms

Specifications

Sample Point Capacity	16,125 points when recording both temperatures. 32,250 points when recording one temperature only.
Alarms	Independent over and under alarms for both temperature probes. Alarm delay from 0 to 255 minutes in 1 minute increments.
Calibration	Factory calibrated. User password protected single point offset calibration is available through software for both temperature probes.
Temperature Probes	-50°F to 86°F (-45°C to 30°C) air temperature. 15 ft standard. Can be extended to 300 ft.
Probe Temperature Resolution	0.5°F to 1.0°F (0.3°C to 0.5°C)
Logger Operating Conditions	32°F to 140°F (0°C to 60°C), Relative Humidity 0% to 95% non condensing.
Logger Storage Temperature	-40°F to 170°F (-40°C to 77°C)
Real Time Clock Accuracy	+/-100ppm @ 75°F
Relay Contacts	Normally open (N.O.). Closed on alarm. 48 volts, 100mA maximum.
Dimensions and Weight	3" x 2.5" x 1.1" (7.6cm x 6.4cm x 2.8cm), 2.5 Oz (71g)
Power Source	Power pack with 9V Alkaline battery backup. Battery is not included.
Battery Backup Duration	140 hours with no alarm. 55 hours when alarm is active.
Sampling Interval	User selectable from 1 second to 18 hours, in 1 second increments. Alarm condition is sampled once per second.
Interface	COM (RS232) serial port. Software supports COM1 through COM8. Optional USB interface (Part # USBS).
Alarm Memory	Up to 45 alarm events. Alarm start time and alarm duration is stored.
Data Security	Unique factory set logger ID. Data collection session counter.
Compatibility	Windows 95, 98, ME, NT, 2000, XP and above.
Minimum System Requirements	8MB of RAM, 2M of disk space, 800 x 600 resolution, 1 free COM port or a free USB port (optional USB interface is required, part # USBS).
Recording Start	Immediate after setup, or at a user specified date and time.
Recording Mode	Continuous recording with memory rollover, or Stop on memory full.
Real Time Status	Visual indication through the status LED. Software real time status.

Optional Accessories

RA25	Remote Alarm
ADTA	Phone Dialer
SW25	25' Probe Extension Wire
SW50	50' Probe Extension Wire
SW75	75' Probe Extension Wire
SW100	100' Probe Extension Wire