

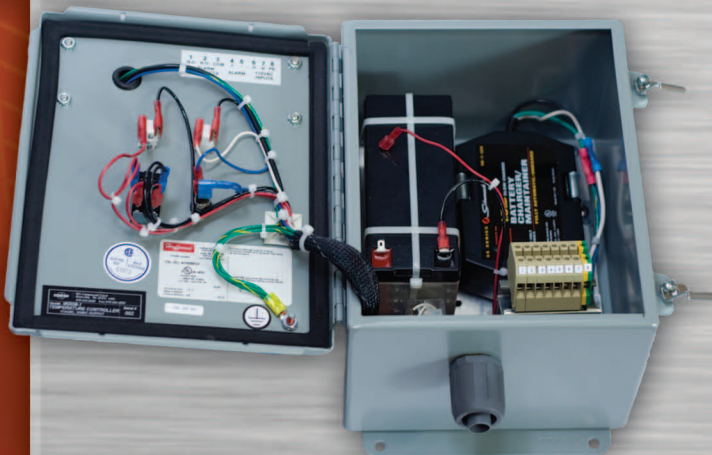


# TAPF Series Alarm

## Temperature Alarm and Power Failure Alarm

The Safe-T-Cover TAPF series alarm systems activate an audible alarm as well as a strobe light alarm in the event of a power failure or whenever the temperature inside the enclosure drops below the set point.

- The TAPF alarm consists of the cabinet, temperature sensor, thermostat, 12V DC battery, battery charger, relays, audible alarm, and a strobe light. The TAPF alarm operates on 120V, single phase electrical service and is direct wired. The electronics are encased in a painted 14 gauge steel NEMA 12 enclosure for superior weather protection.



- Our TAPF series alarms include both a visual and audible alarm.
- This TAPF alarm system includes a rechargeable 12V DC battery system that is continuously being recharged when the 120V, single phase electrical power is on.
- The TAPF alarm system must be supplied by the same 120V, single phase electrical service that supplies the heaters. Otherwise, the "power loss" activation feature of the alarm will not be operational.
- Extra contacts are provided to interface with other devices.

[www.safe-t-cover.com](http://www.safe-t-cover.com) 800.245.6333

# Safe-T-Cover Model TAPF

Temperature Alarm / Power Failure Alarm

9"x9"x13" Overall



## INSTALLATION INSTRUCTIONS

1. Mount the alarm system on the interior wall of the enclosure.
2. Run 120 volt electrical to Terminals 6, 7, 8 (Hot, Neutral, Ground) as per local codes.
3. When power is applied front panel indicator will be "ON".
4. Set the thermostat on the outside of the alarm box to the desired alarm temperature.  
This temperature setting is normally 40-50 degrees F.
5. Mount the 12VDC lamp and on the exterior of the enclosure and the 12VDC horn through a hole in the enclosure wall as shown in the directions.
6. Connect the external Field Alarm wires
  - Terminals 4, 5 (switched + 12 VDC, 12 VDC common) provide alarm output for directly driving a horn or 12 VDC lamp.
  - Terminals 1, 2, 3 ( NC, NO and COM ) provide dry contacts for interfacing to other devices. These contacts are rated for 10 ADC @ 24 VDC or 10 AAC @120 VAC.
7. The Enable/Disable switch set to Enable will permit external Field Alarms;  
The Enable/Disable switch set to Disable will silence external Field Alarms.
8. Connect the loose wire to the DC battery.

POWER DEMAND FOR THE 12V, 1.5A BATTERY CHARGER IS LESS THAN  
0.25A @ 120 VOLTS