Toggle Switch and Reset Switch nuts
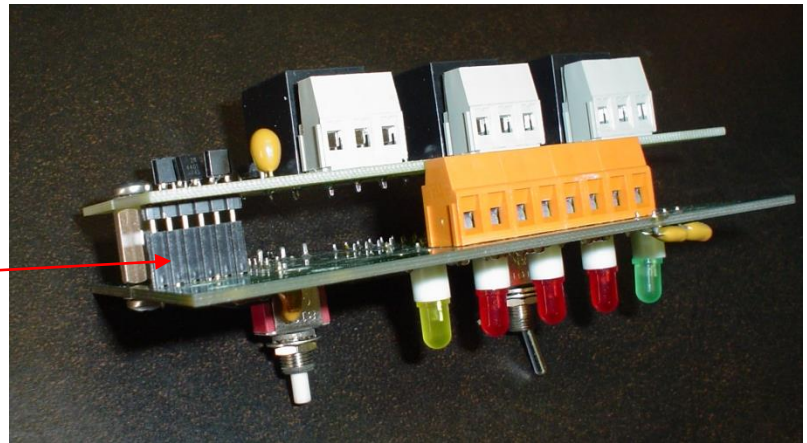
Status Board Face Plate

Status Board PCB

Alarm Module mounting screws and spacers

Alarm Module

Six Pin Connecter

Instructions for adding the Alarm Module to the Status board when purchased separately.

1. Separate the Status Board Face Plate from the Status Board PCB by removing the nuts from the Toggle Switch and Reset Switch.
2. Carefully join the two sides of the six pin connector.
3. Secure the Alarm Module to the Status Board PCB with the screws, nuts and spacers provide.
4. See Optional Alarm wiring diagram for connection options to external alarms.

OPTIONAL ALARM MODULE – Wiring Diagram

This Alarm Module is equipped with three form C Relays with contacts rated at 2A, 250V for connecting to warning devices such as Automatic Dialing Equipment, Central Monitoring, Audible and /or Visual Alarms etc.. The alarm module is connected to the back of the Status Board with a 6 pin connector and secured with two 6-32 screws on a ½" sleeve. Please note the Alarm Module can be installed at any time. Contacts are provided for the following conditions:

Over Heat = **O.H.**   Low Temp = **L.T.**   No Air = **N.A.**

Please Note:
- **All Relays and Contacts are shown in the De-Energized State**
- **The "N.A." relay is energized when the blower heater control power is on.**

OPTION A
CONNECTIONS FOR SEPARATE ALARM OUTPUTS USING NORMALLY OPEN CONTACTS THAT CLOSE IN THE EVENT OF A LOW TEMP., OVER HEAT, OR NO AIR CONDITION
NOTE: ALL RELAYS AND CONTACTS ARE SHOWN IN DE-ENERGIZED STATE

OPTION B
CONNECTIONS FOR A COMMON ALARM OUTPUT USING NORMALLY OPEN CONTACTS THAT CLOSE IN THE EVENT OF A LOW TEMP., OVER HEAT, OR NO AIR CONDITION
NOTE: ALL RELAYS AND CONTACTS ARE SHOWN IN DE-ENERGIZED STATE

OPTION C
CONNECTIONS FOR SEPARATE ALARM OUTPUTS USING NORMALLY CLOSED CONTACTS THAT OPEN IN THE EVENT OF A LOW TEMP., OVER HEAT, OR NO AIR CONDITION
NOTE: ALL RELAYS AND CONTACTS ARE SHOWN IN DE-ENERGIZED STATE

OPTION D
CONNECTIONS FOR A COMMON ALARM OUTPUT USING NORMALLY CLOSED CONTACTS THAT OPEN IN THE EVENT OF A LOW TEMP., OVER HEAT, OR NO AIR CONDITION
NOTE: ALL RELAYS AND CONTACTS ARE SHOWN IN DE-ENERGIZED STATE