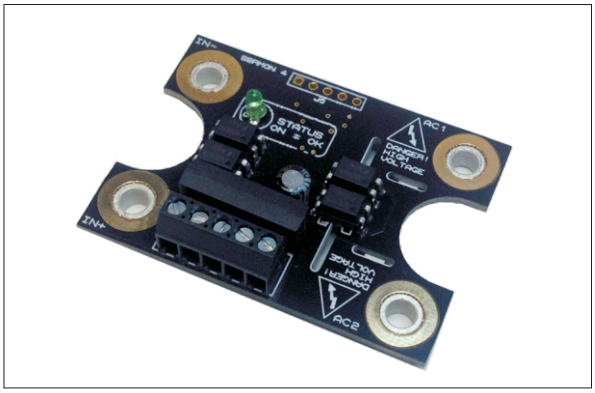
SSR / Heater Load Monitor
SSRMON2



- **Monitors SSRS/Heaters for failures**
- **Installs in seconds**
- **Small module mounts on SSR terminals**
- **Fits under some finger-safe covers**
- **Versatile relay contact output**
- **LED output indicator**

Product Description

The SSRMON2 monitors the condition of an SSR (solid state relay) and its load circuit. The SSRMON2 mounts directly on top of any standard SSR via the connection terminals and monitors the drive and output to detect open heater /load, loss of line and DC power, shorted SSR, etc.

Ordering Codes

SSRMON2*

*** SSRMON2 uses one ordering code which encompasses both 12 and 24V versions with interrupted and continuous operation.**

Input Specifications

Power Supply	**10 - 26VDC**
Control Input	**5 - 26VDC**
Control Input Impedance	**~4K Ohms**
Load Sense Input Voltage	**100 - 600VAC 47-63 Hz**
Input to Line Isolation Voltage	**4000VRMS (25degC for 1 second)**
Off State Blocking Voltage	**1200V Peak (1 minute max duration)**
Off State Leakage Current	**6mA RMS max across SSR output**
Response Time	**Typically less than 50 mS from the last control input cycle Up to 10 seconds when using the Interrupted Input**

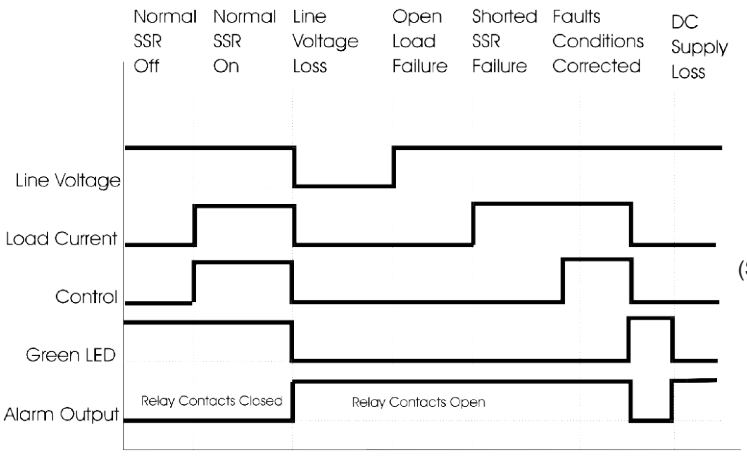
Output Specifications

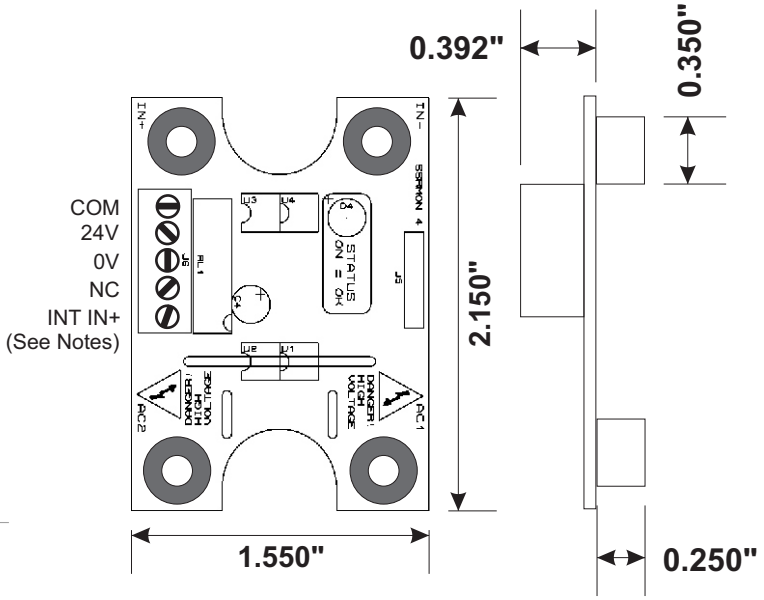
Alarm Output	**Relay Contact 48 VDC/0.1 A max (non inductive/non capacitive). Contacts open upon fault or loss of power. Contacts are closed when no faults are present.**

Thermal Specifcations

Operating Temperature Range	**0 to 50 degC**
Storage Temperature Range	**-40 to 100 degC**

Dimensions & Signals





Continuous Mode: The control input is wired to the standard IN- and IN+ of the SSR input terminals for continuous mode operation.
Interrupted Mode: The control input is wired to the IN- of the SSR and the INT IN+ of the SSRMON. Interrupted mode provides a brief off signal of 100mS every 10 seconds to test the input to output logic of the relay.