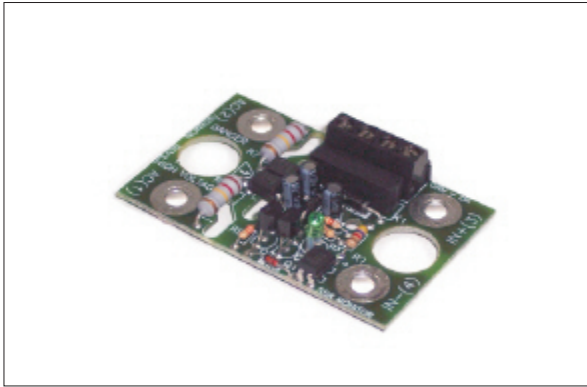


# SSR / Heater Load Monitor SSRMON



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

## Product Description

The SSRMON monitors the condition of an SSR ( solid state relay ) and its load circuit. The SSRMON 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

SSRMON - - -

- SSR Monitor Module
- C (continuous) or I (interrupted)
- 12 or 24 (VDC Supply Voltage)

## Input Specifications

Power Supply	12 or 24VDC +/-15%
Control Input	Continuous 5-32VDC, Interrupted 5-15VDC
Control Input Impedance	~4K Ohms
Load Sense Input Voltage	100-660VAC 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 on Interrupted Input version( input on 100%)

## Output Specifications

**Alarm Output** Relay Contact 200 VDC/0.5 A max. Contacts open upon fault or loss of power. Contacts are closed when no faults are present.

## Output Specifications(cont.)

**Power Limit Adjustment Range**                      **5-100% of max. output power**

## Thermal Specifications

**Operating Temperature Range**                      **0 to 60 degC**

**Storage Temperature Range**                      **-40 to 100 degC**

## Dimensions & Signals

