

# Model 510 Seismic Actuated Electrical Switch

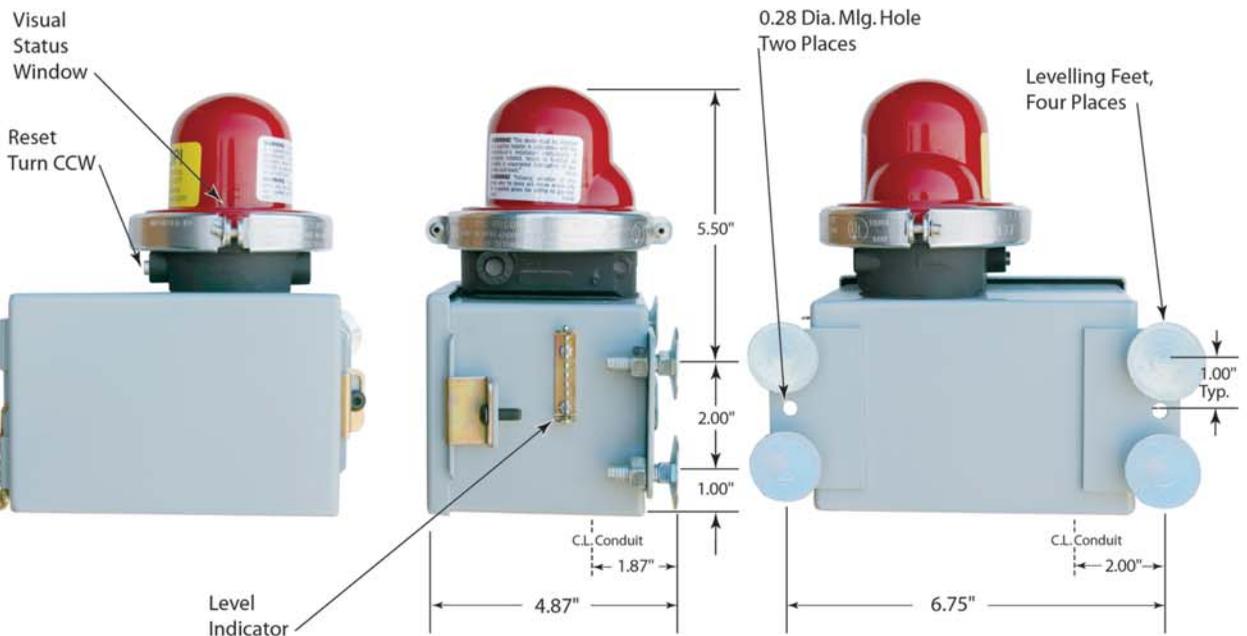
## Emergency Shut-Off System



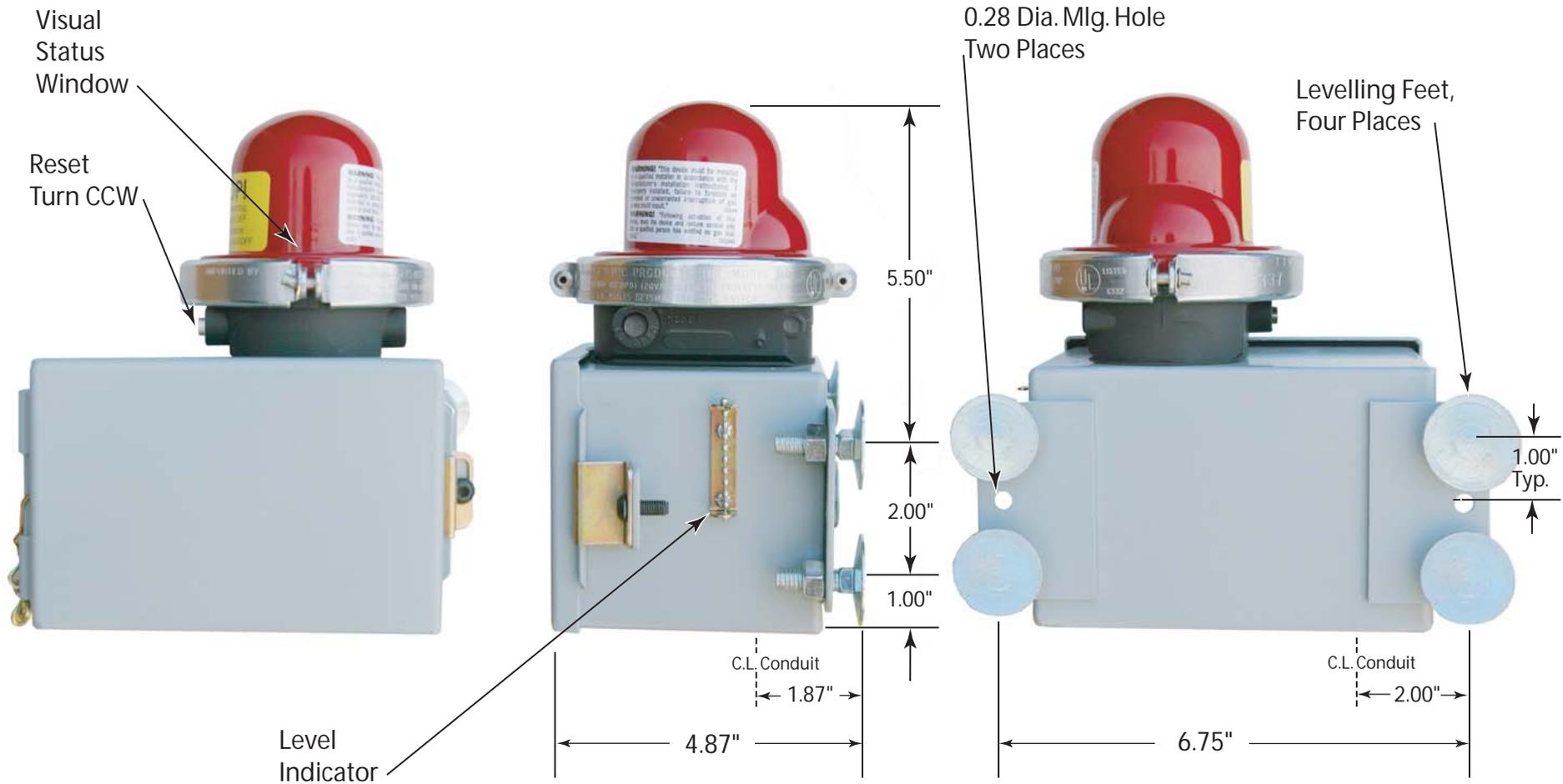
The Model ES510 Seismic Switch is a seismically actuated electrical switch. This unique device, when configured properly, will cut electrical power to just about any device during a seismic event. It is mounted securely to the building via mounting brackets and leveled using chain site. The protected device's power is wired with the 510 and other customer provided hardware thus providing seismic protection. PSP's Seismic Switch can be used to protect a variety of electrical devices, such as a local electrical pump or even an entire factory, when properly installed with additional hardware (not provided by PSP).



### Specifications



# Specifications: Model 510 Seismic Switch Emergency Shut-Off System



California Seismic Valves are UL listed in the USA and Canada, Certified by the California State Architect's Office, Approved by the City of Los Angeles, and are warranted free of manufacturer's defects for 30 years. All valves meet California Standards for Earthquake Actuated Automatic Gas Shut off Systems, Standard No. 12-23-1, ANSI Z21.70, 1981 and ASCE 25-97 Standards.

**Pacific Seismic Products**

233 East Avenue H-8 • Lancaster, CA 93535 • USA

Tel (661) 942-4499  
 Fax (661) 942-0999  
 TF (800) 4-GAS-OFF

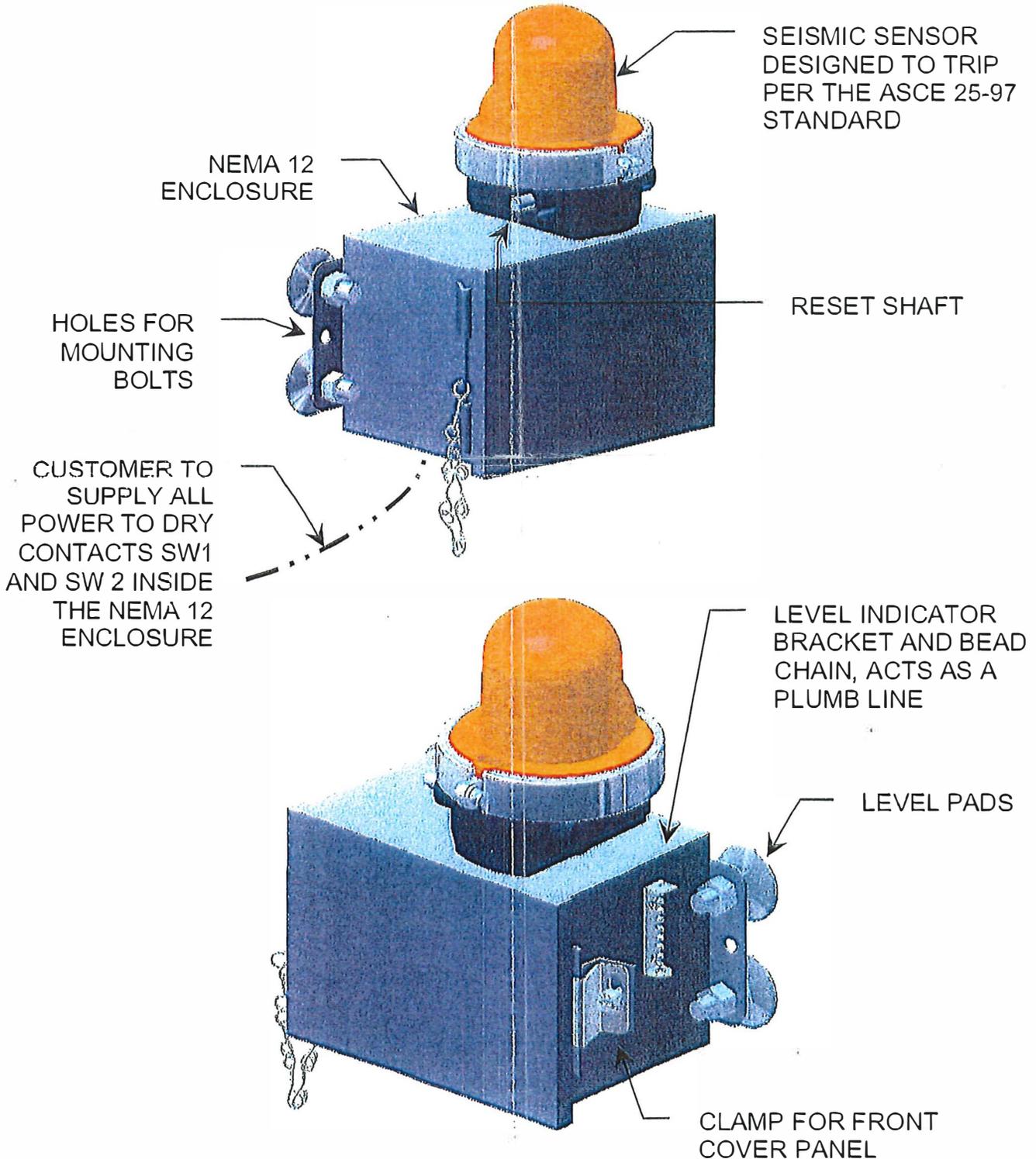


# Pacific Seismic Products, Inc.

Lancaster, California 93535

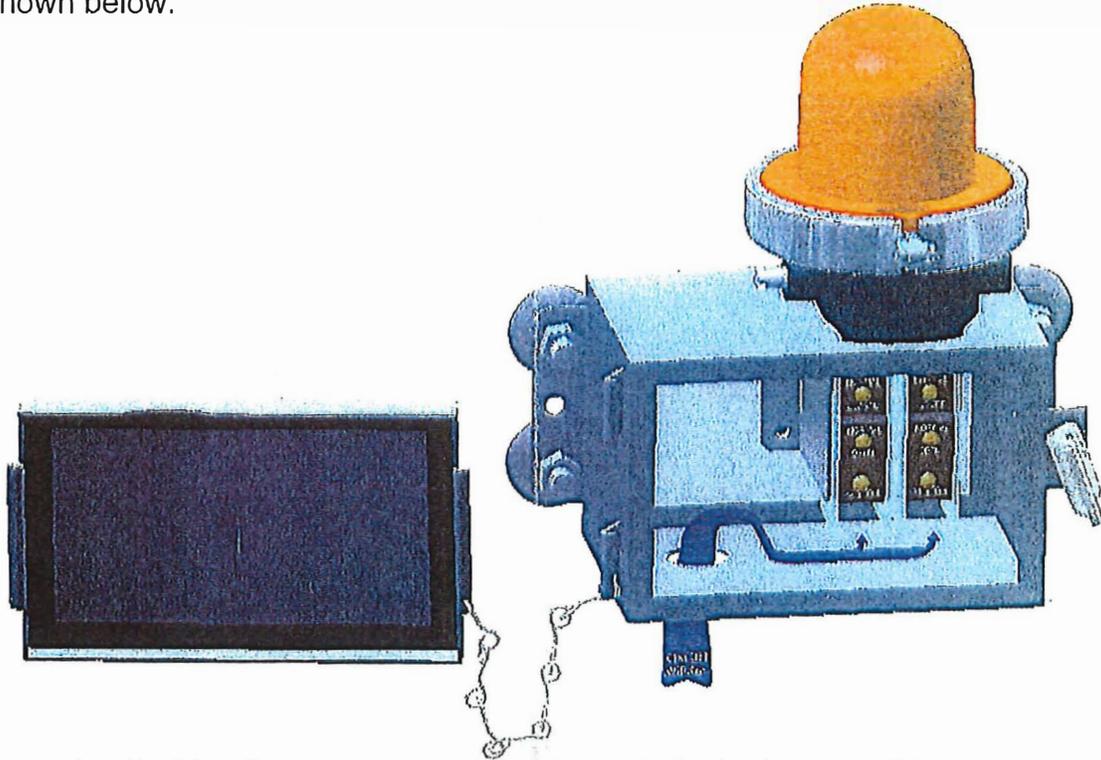
## Model 510 Electrical Switch

This is a seismic actuated unit consisting of an all-mechanical seismic sensor which operates a pair of dry contact SPDT switches. Mount unit to a wall of the structure which is rigid to the foundation. Adjustable level pads are provided for easy installation on a variety of surfaces. Level the unit (see Level Indicator).

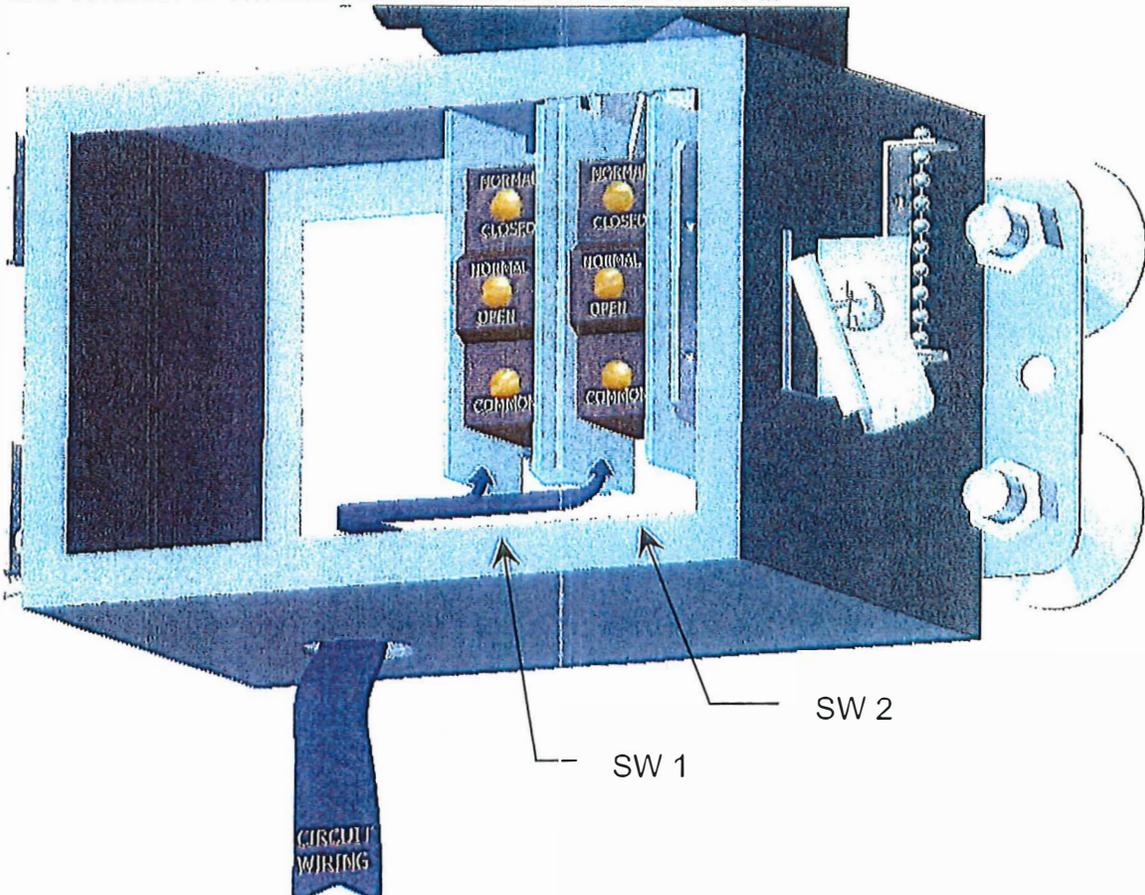


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Remove the front cover for access to the SPDT switches SW 1 and SW 2 as shown below.

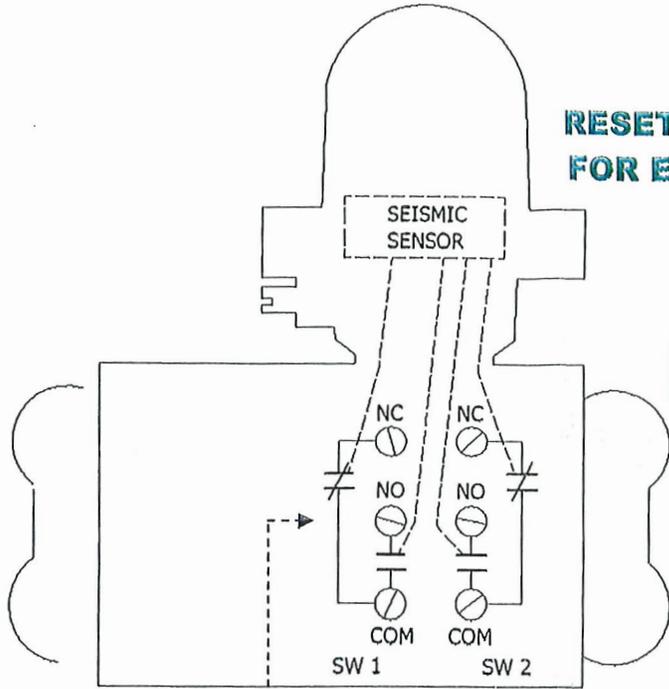


Pass circuit wiring through the conduit fitting hole in the bottom of the enclosure and connect to switches SW 1 and/or SW 2 as needed.

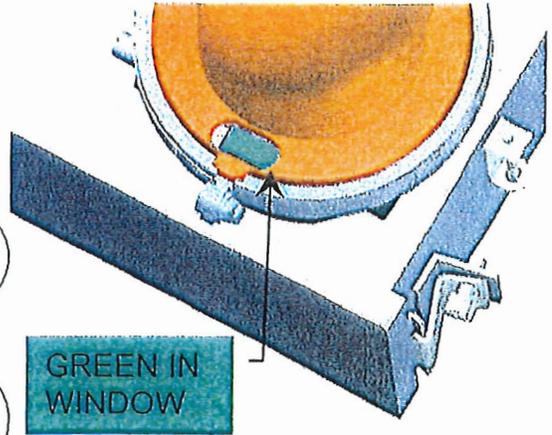


# Pacific Seismic Products, Inc.

Switches SW 1 and SW 2 operate as shown below:



**RESET AND READY  
FOR EARTHQUAKE**

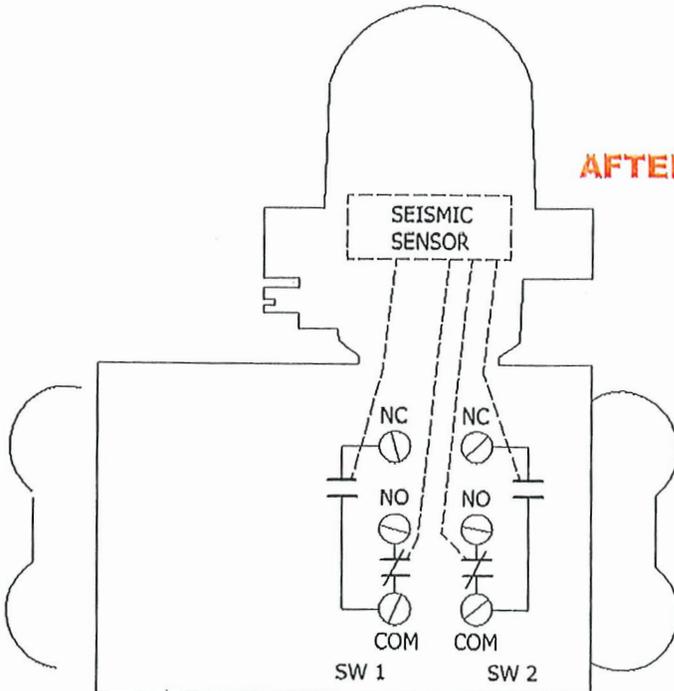


**GREEN IN  
WINDOW**

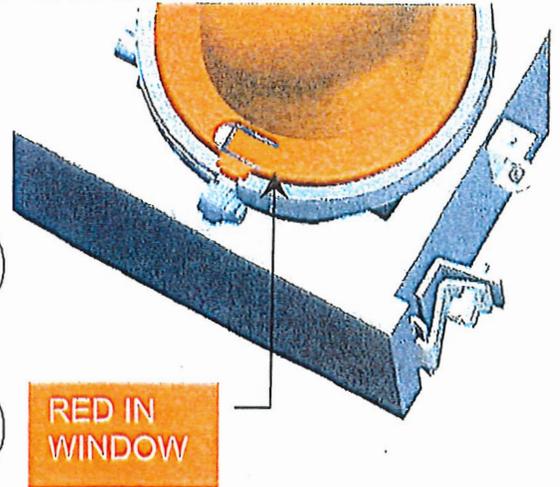
Circuit wiring for solenoid or motor  
or alarm indicator etc. as needed

**SW 1 AND SW 2 SWITCH RATING:**

20A-125, 250 VAC  
10A 125 VAC "L"  
1HP-125 VAC, 2HP-250VAC  
1/2A-125 VDC, 1/4A-250 VDC



**AFTER EARTHQUAKE**



**RED IN  
WINDOW**

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To reset the seismic sensor, simply turn the reset shaft 1/4 turn clockwise until a hard stop is felt. During the 1/4 turn, look in the window area to see the red bar change to a green bar. Release tension on the reset shaft. The reset shaft is spring loaded to go back to the starting position and the green bar will remain visible in the window area.

If the green bar flips back to red immediately, repeat above.

