



MitiGator+

Seismic Switch

FEATURES

The MitiGator+ is designed to shut down elevators, escalators, industrial equipment and other critical devices during a strong earthquake. Small, lightweight, and inexpensive, the MitiGator+ seismic switch offers a powerhouse of strong features.

Inside the compact 3" x 4" x 0.75" case is a programmable computer capable of shutting down critical devices at the onset of a strong earthquake. Not only can the MitiGator+ detect earthquake waves, but it will also detect in all three axes: vertical, longitudinal and transverse.

The MitiGator+ is maintenance free and capable of performing its own tests, and its sensing elements are highly reliable. An RS-232 serial or USB port allows you to communicate with this powerful little "beast."

- USB port for configuration and firmware updates
- Three independent relays allow flexibility for multiple alarm thresholds and power loss signalling.
- Pluggable Terminal strip allows easy field wiring.
- Bi-Color LED that supplies visual indication of operation and diagnostics/self-test problems.

SPECIFICATIONS

Power requirements	5-48 VDC Power. Unit draws less than 10mA from 12V with no relays energized. Draws less than 75mA from 12V with all 3 relays energized.
Sensors	Triaxial Acceleration Monitoring Micro-machined silicon accelerometers
Frequency response	Digital bandpass filter 1Hz to 15Hz
Acceleration threshold	User selectable from 25mg to 0.5g
Switching elements	3 low power relays (the trigger threshold for each relay can be independently selected by the user)
Communications	<ul style="list-style-type: none"> • RS-232C Serial port at 38400 baud • USB Port for data and optionally powering unit.
Diagnostics	Self-diagnostics at power on and reset
	Temp range -25°C to +70°C
Dimensions	3" x 4" x 0.75"

Designed to shut down elevators, escalators and other critical devices during strong earthquakes.

Designed to meet standards for:

Gas Shutoff Devices according to ASCE 25-97

Elevators according to ASME A17.1

Hospital Elevators according to CA Code 3137

*Specifications subject to change without notice



The Kinemetrics facility in Pasadena, CA has a certified ISO9001 Quality Management System.