



K I N E M E T R I C S

Mitigator-IND

Seismic Switch—Industrial Use

The MitiGator is designed to shut down Elevators, escalators, industrial Equipment and other critical Devices during a strong Earthquake



The MitiGator IND seismic switch offers a powerhouse of strong features for shutdown of industrial devices at the onset of a strong earthquake. Not only can the unit detect the earthquake waves, but it will also detect in all three axes: vertical, longitudinal and transverse. The MitiGator IND is maintenance free and capable of performing its own tests, and its sensing elements are highly reliable. An RS-232 serial port allows you to communicate with this powerful little "beast."

The -IND version of the MitiGator provides a convenient enclosure and minimum of 3 hours backup battery power for the basic modular units. The enclosure is intended for use in control rooms and other indoor environments. The IND enclosures should never be used outdoors, in corrosive environments, or in other hostile environments. For these applications, contact Kinemetrics for a custom enclosure.

Basic Specifications

- ◆ Power requirements 85 mA from +12 VDC: additional 25 mA for each energized relay
- ◆ Sensors Triaxial Acceleration Monitoring Micro-machined silicon accelerometers
- ◆ Frequency response Digital bandpass filter 1Hz to 15 Hz
- ◆ 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 RS-232C Serial port
- ◆ Diagnostics Self-diagnostics at power on and reset
- ◆ Enclosure dimensions 6" × 7.5" × 4"

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