



Innovation. Passion. Commitment.

# SEC - SED



SEISMIC SENSOR

## FEATURES

### SEISMIC SENSOR

- Micro controller based
- Detects vibration, ROR temperature, tilt
- Jumper settings for any combination of sensors
- Aesthetic compact design for variable installation
- No moving parts

### VIBRATION SENSOR

- Detects breaking of glass
- Detects cutting of metal grills. Aluminum frames
- Normally Latches open on alarm trigger
- High low sensitivity adjustment jumpers
- Further sensitivity adjustment preset

### ACCELEROMETER

- Detect tilt
- Detect minimum 20 degree tilt in x,y,z direction
- Normally Latches open on alarm trigger
- Auto/Manual calibration
- Auto calibration in 30 seconds
- On board led indication for tilt direction detection

### THERMAL SENSOR

- Detect Temperature
- ROR temperature detection(10 degree rise in ambient temperature with in one minute)
- Fixed Threshold Detection (58 °C)
- Normally Latches open on alarm trigger

## LED INDICATION

GREEN	:	Power LED
BLUE	:	Thermal Zone Open Indication
ORANGE	:	Tilt Zone Open Indication
RED	:	Vibration Detector Zone Open Indication

## TECHNICAL SPECIFICATION

### ELECTRICAL

Operating Voltage	:	12VDC
Supply Current Standby	:	<= 75mA
TILT	:	<= 68mA
Vibration Detector	:	<=66mA
Magnetic Sensor	:	<=55mA
Temperature Sensor	:	<=67mA
Output	:	Normally closed potential free contacts
Sensors	:	Read Switch, Accelerometer, Piezo Electric, Thermal

### ENVIRONMENTAL

Operating Temperature	:	-40 °C to 85 °C
Storage Temperature	:	-40 °C to 100 °C
Maximum Humidity	:	95% non-condensing
Environment	:	Residential/Commercial/ Light Industrial

### PHYSICAL

Dimensions	:	118mm x 86mm x 23mm
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www.securicoelectronics.com

WIRED ACCESSORIES