

# Assault Sensors

## Metal Enclosure



### OVERVIEW

The 5402 and 5422 metal enclosure assault sensors respond to the shock waves created when metal is cut, sawed, impacted or drilled. The sensors are ideal for protecting sheet metal enclosures up to 2' x 4' x 1' (61 cm x 122 cm x 30.5 cm). Use these sensors as an inexpensive way to protect a control panel from tampering, in place of costly lined boxes and to avoid mounting controls in the vault for UL and ULC mercantile applications.

The sensor mounts vertically inside the metal box, near the hinge. A special adhesive tape makes installation quick and convenient. The tape, formulated by 3M®, has been field-tested with proven reliability. Quick and easy to install. No sensitivity adjustment is necessary.

### STANDARD FEATURES

- UL and ULC Listed for metal control panel boxes
- Replaces costly lined boxes
- Easy to use, field-proven 3M adhesive mounting
- No sensitivity adjustment necessary

# Assault Sensors

North America  
T 855-286-8889

Asia  
T 852-2907-8108

Australia  
T 61-3-9239-1200

Europe  
T 32-2-725-11-20

Latin America  
T 561-998-6114

## Metal Enclosure

### Specifications

#### Electrical

Operational voltage (5422)	9 to 24VDC
Current draw	15mA max.
Resistance	Normal <15 Ohms (closed) Alarm >1 MOhm (open)
Maximum loop rating	24VDC, 50mA
Loop configuration	Closed loop
Output	Open 2 to 6 seconds on alarm

#### Number of leads

5402, lithium battery	2 (alarm loop)
5422, externally powered	4

#### 5402

Battery type	Lithium
Battery life	15 years (estimated)

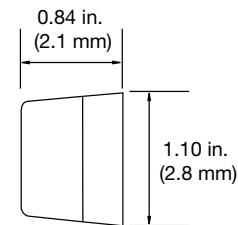
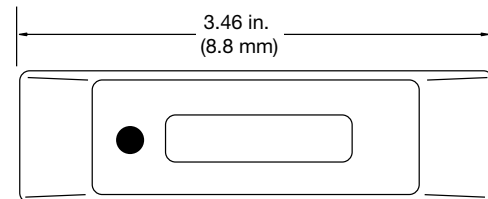
#### Environmental

Lightning suppression	400 watts for 2 msec pulse
Operating temperature	-4°F to 131°F (-20°C to 55°C)

#### Features

Housing material	Flame retardant ABS plastic
Sensitivity setting	None
Mounting location	Vertically, inside box, near hinges
Mounting method	High bonding acrylic tape
Dimensions (WxHxD)	1.1 x 0.84 x 3.46 in. (2.8 x 2.1 x 8.8 mm)
Color	Gray
Listing	UL, ULC

### Dimensional Diagram



### Ordering Information

<b>5402-W</b>	Assault Sensor, Metal Enclosure, 2-Wire, Includes Lithium Battery, Gray
<b>5422-W</b>	Assault Sensor, Metal Enclosure, 4-Wire, External Power Required, Gray



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Specifications subject to change without notice.

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