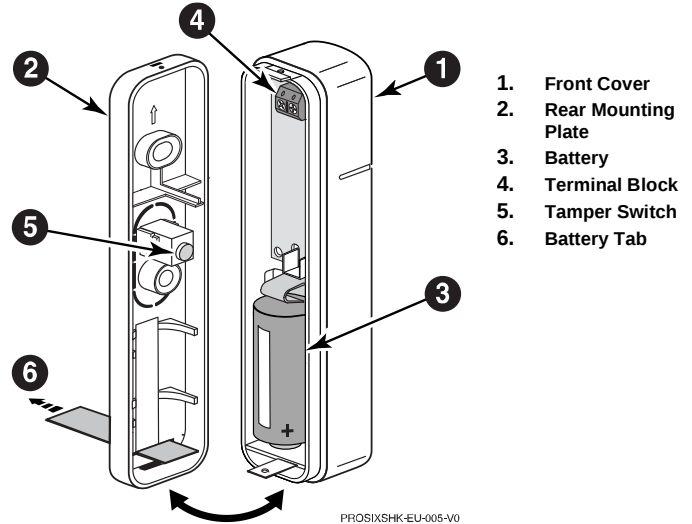


Installation and Setup Guide

The **PROSIXSHKCT-EU** is a wireless shock/door/window sensor with cover and wall tamper and has the capability to detect forcible opening of the door or window that it is mounted on. The sensor consists of the main sensor body (transmitter), and a separate magnet housing.

The sensor is intended for use with Control Panels that support SiX™ series devices. The sensor has an internal terminal block for connecting to an external, two-wired sensor. When connected, the sensor can then monitor the status of that external sensor (tamper or alarm).

Note: Installation shall be done in accordance with local regulations.



ENROLLING AND SETTING UP

The sensor must be enrolled in the Control Panel before it can be used. Registration and programming are conducted through the AlarmNet 360™ cloud-based management platform. The sensor enrolls as a sensor but does not require a "Device" or "Response" type. To enroll the sensor, perform the following:

Note: Because the battery tab is removed from the back of the main body, enrollment must be performed prior to mounting.

1. From AlarmNet 360:

- Select "SENSORS"
- Select "ADD SENSOR"
- Select "LEARN" and wait for the Control Panel to be in learning mode.

2. From the back of the main body, pull out the battery tab to activate the sensor.

If the battery tab has already been removed, perform one of the following:

- Remove the front cover and then remove and reinstall the battery.
- Use the magnet to activate the internal sensor contact switch.

3. The green LED flashes (up to about 20 seconds) during enrollment.

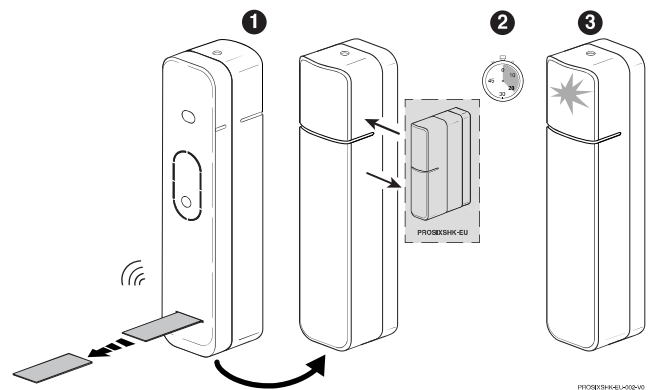
- Both services (sensor contact switch and Terminal Block) are enrolled in sequential/next available zone numbers.
- The sensor sends data, and the panel registers the sensor.

Note: Enrollment time may vary depending on the signal strength between the sensor and the panel.

4. When completed, the LED comes ON steady for 3 seconds to confirm enrollment.

Note: If the sensor is not successfully enrolled during the enrollment period, the LED turns off and the sensor powers down. Activate a tamper, wired service (loop), or the sensor contact switch to restart the enrollment process.

5. Program each zone being used (sensor contact switch or Terminal Block Zone).



Note: For detailed programming instructions refer to the Installation Instructions for the Control Panel with which this device is used.

IMPORTANT: After enrolling, verify an adequate signal strength by conducting a sensor test (see panel instructions) with the sensor in its intended mounting location. Adjust the sensor location and orientation as necessary.

RESTORING FACTORY DEFAULT SETTINGS

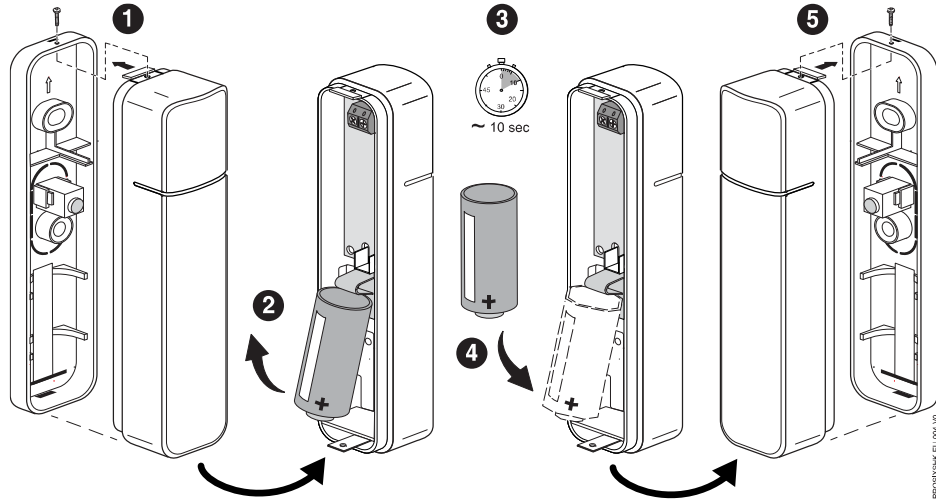
If the sensor is enrolled in a Control Panel different than the intended panel, and you are unable to delete it from the unintended panel, reset the sensor to the factory default settings:

1. On the main body, remove screw that secures the front cover to the rear mounting plate, and gently separate the front cover from the rear mounting plate.
2. Remove the existing battery.
3. Wait approximately 10 seconds.
4. Reinsert the battery.

- Rapid LED flashing indicates successful deletion (LED flashes as if in enrollment mode).
- If LED does not flash, delete was not successful.

5. Attach and snap the front cover closed and secure with screw (if necessary).

Note: When the front cover is installed, the internal tamper switch is pressed and activates the sensor.



MOUNTING

The main body should be mounted to a solid surface. The main body should be mounted to the fixed frame of the window/door opening and the magnet housing shall be mounted to the movable surface of the protected window/door. Mounting location is important to ensure an adequate signal strength is obtained from the intended location. If applicable, it is also important that the gap between the main body (TMR switch) and the magnet housing is set.

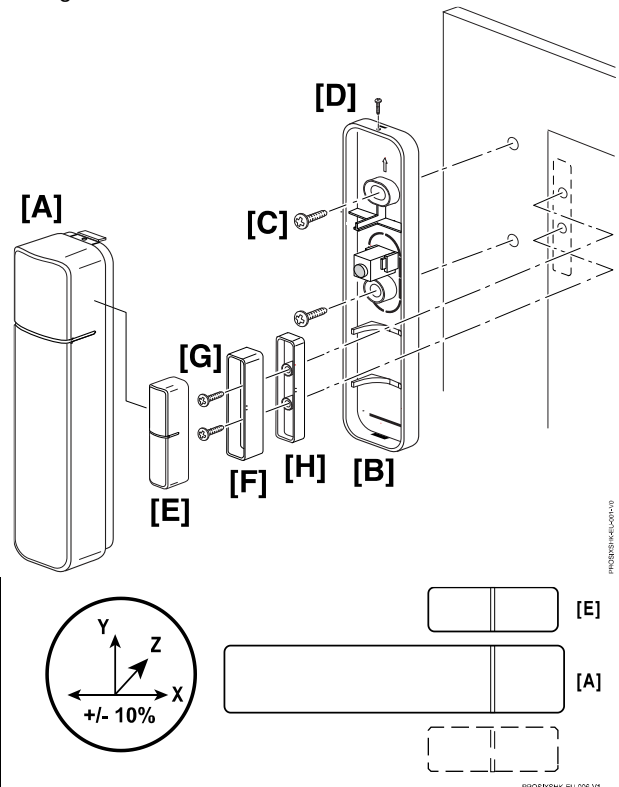
Note: The magnet can be mounted on either the left or right side of the sensor; however, for proper operation, the grooved lines in sensor front cover [A] and the magnet front cover [E] must be aligned with each other.

1. To open the main body case:
 - Remove the screw that secures the front housing to the rear mounting plate.
 - Using a screwdriver inserted into the slot, gently separate the front cover [A] from the rear mounting plate [B].
2. Mount the rear mounting plate to the solid surface or the fixed surface of the door/window opening using the two screws [C] (3.3 mm x 19 mm).

Note: The screw in the center must be secure for the tamper
3. Attach and snap the front housing closed. Secure the front housing with the screw [D] (2.0 mm x 6.3 mm).

Note: When mounting the magnet rear housing, ensure the proper gap is maintained.
4. With the magnet front cover [E] removed, mount the magnet rear housing [F] to the movable surface of the window/door using two screws [G] (3.3 mm x 19 mm).

Note: A spacer [H] is provided if you need additional distance for the magnet from the mounting surface.
5. Snap the magnet front cover closed.



Gap	Wood		Steel	
	Closing	Opening	Closing	Opening
Y (gap)	15 mm	29 mm	15 mm	22 mm
X (traverse)	15 mm	16 mm	13 mm	14 mm
Z (height gap)	42 mm	52 mm	27 mm	33 mm

SENSITIVITY ADJUSTING

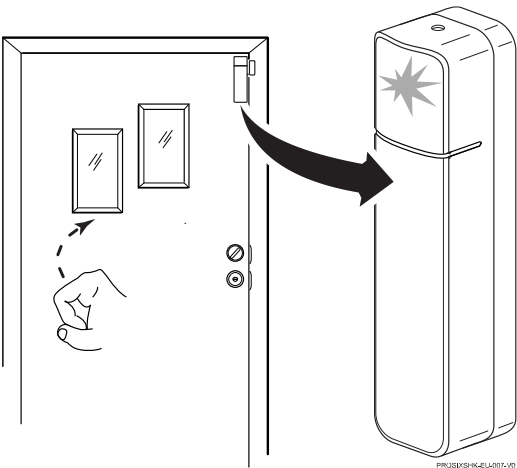
The sensitivity of the shock detection can be adjusted during programming to prevent or minimize false alerts.

With the Control Panel set to programming mode, adjust the sensitivity setting using the AlarmNet 360™ cloud-based management platform.

Note: The sensitivity must be set after mounting and enrollment. See the Control Panel instructions for details.

The sensor has the following sensitivity settings:

- Maximum
 - Medium (default setting)
 - Low
 - Lowest
1. Verify the sensitivity setting is adequate by striking the protected surface with the soft part of your fist at the point farthest from the device.
 2. If sensitivity is adequate the red LED flashes briefly (if necessary, remove cover for easier viewing of LED).
- If the LED does not flash, select the next higher sensitivity setting and repeat from step 1.



LED INDICATIONS

LED		Status
	Rapid Flashes (green) for about 20 seconds, then ON steady for 3 seconds	Power Up – Enrollment
	Slow Flashes (green)	Power Up – Sensor enrolled; Wall or Cover Tamper activated. To stop flashes, clear the tamper condition by reconnecting to the mounting plate and reattaching the cover. Times out after 10 minutes.
	ON (green) while in Programming Mode	Sensor LED toggles on and off when the sensor is selected. See Sensor Location Feature.
On	Slow Flash	Rapid Flash

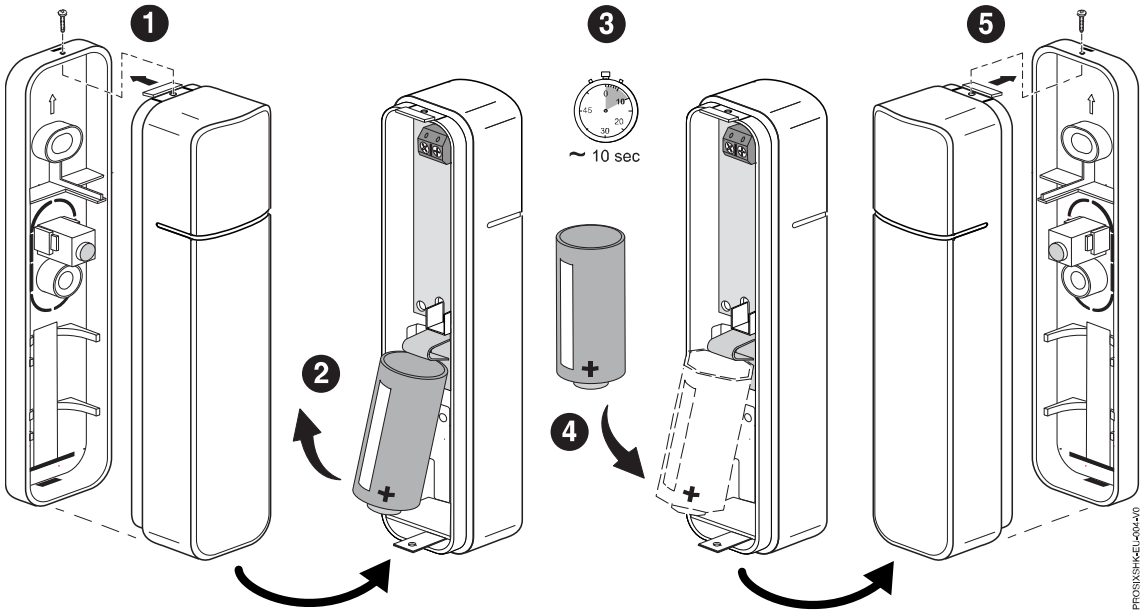
BATTERY REPLACEMENT

When the battery is low, the LED flashes red during transmission, to indicate the battery needs to be replaced.

1. On the main body, remove screw and using a screwdriver, gently separate the front cover from the rear mounting plate.
2. Remove the existing battery.
3. Wait approximately 10 seconds.
4. Insert a new 3V Lithium battery (see **Specifications** for replacement batteries).
5. Attach and snap the front cover closed and secure with screw (if necessary).

Battery Caution: Risk of fire, explosion, and burns. Do not recharge, disassemble, heat above 55°C, or incinerate. Dispose of used batteries properly. Keep away from children.

Note: Constant exposure to high or low temperature or high humidity may reduce battery life.



SPECIFICATIONS

Battery Type: 1 x 3V Lithium

Recommended batteries:

- EVE CR123A
- Panasonic CR123A
- Duracell DL123A

Battery Low Voltage Level: 2.82VDC

RF Frequency: 2.4GHz (<20 dBm)

Operating Temperature: -10° ~ +55° C

Relative Humidity: 95% max. non-condensing

Tamper: Cover and Wall

Material: ABS Plastic

Dimensions:

- main body: 105 mm (H) x 23 mm (W) x 24 mm (D)
- magnet housing: 51 mm (H) x 19 mm (W) x 24 mm (D)
- total weight: 63 g



Note: For PROSIXSHKCT-EU, use of the external contact terminal block and the shock detection feature are not certified by NF&A2P.



The product should not be disposed of with other household waste. Check for the nearest authorized collection centers or authorized recyclers. The correct disposal of end-of-life equipment will help prevent potential negative consequences for the environment and human health.

Product must be tested at least once each year

Any attempt to reverse-engineer this device by decoding proprietary protocols, de-compiling firmware, or any similar actions is strictly prohibited.

REFER TO THE INSTALLATION INSTRUCTIONS FOR THE CONTROL PANEL WITH WHICH THIS DEVICE IS USED, FOR DETAILS REGARDING LIMITATIONS OF THE ENTIRE ALARM SYSTEM.

SUPPORT & WARRANTY INFORMATION

For the latest documentation, support, and warranty, please go to:
www.resideo.com



DOCUMENTATION



SUPPORT



WARRANTY



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PROSIXSHKCT-EU



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