PROSIXCT-EU
Wireless Door/Window Sensor

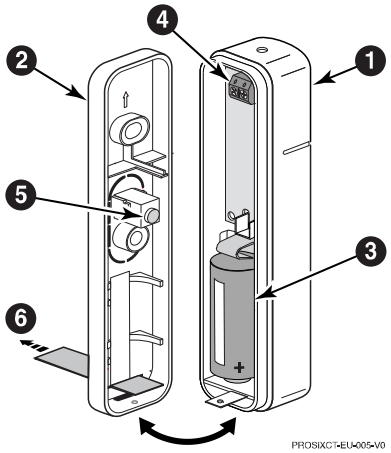
Installation and Setup Guide

The PROSIXCT-EU is a wireless door/window sensor with cover and wall tamper. It is intended for use with Control Panels that support SiX™ series devices. The sensor consists of two primary components: the main sensor body (transmitter) and the magnet housing.

In addition, the PROSIXCT-EU sensor has an internal terminal block for connecting to an external, two-wired sensor. When connected, the PROSIXCT-EU can then monitor the status of that external sensor (tamper or alarm).

A maximum of 127 monitored devices (keypads, smoke alarms, sensors, hand-held devices, etc.) can be connected to the Control Panel.

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



1. **Front Cover**
2. **Rear Mounting Plate**
3. **Battery**
4. **Terminal Block**
5. **Tamper Switch**
6. **Battery Tab**

ENROLLING AND SETTING UP

You must enroll the sensor in the Control Panel. Refer to the panel programming instruction for detailed procedures.

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

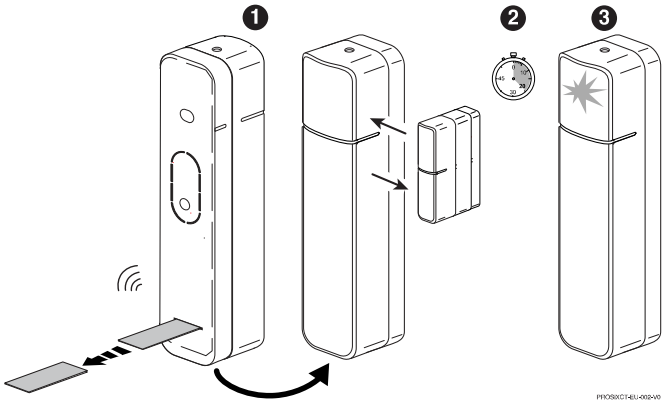
Set the panel to the Programming Mode and when prompted:

1. From the back of the main body, pull out the battery tab to activate the sensor (or use the magnet to activate the internal sensor contact switch if the battery tab has already been removed).
2. The 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.
3. When completed, the LED is ON 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.
4. 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.
- After enrolled in a system, the senor cannot be used with another Control Panel until it is removed from the current panel. See the panel instructions for details.

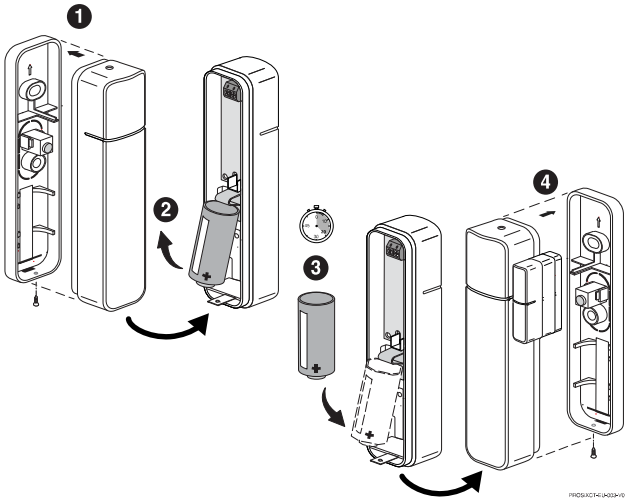
24-HOUR ENROLLMENT DELETION AND DEFAULT

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 (if installed), and using a screwdriver, gently separate the front cover from the rear housing.
2. Remove the battery.
3. 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.
4. 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.

This procedure is available for 24 hours after enrollment with a panel, and the sensor remains powered (battery installed).



MOUNTING

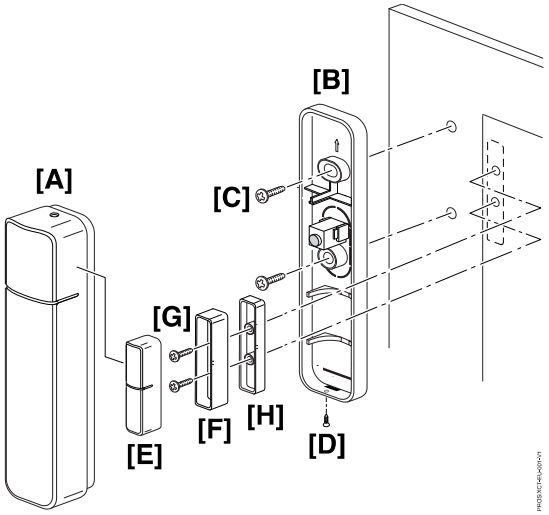
The main body shall be mounted to the fixed frame of the window/door opening and the magnet housing shall be mounted to the movable surface of the protected window/door. Mounting location is important to ensure an adequate signal strength is obtained from the intended location. During mounting, it is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

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

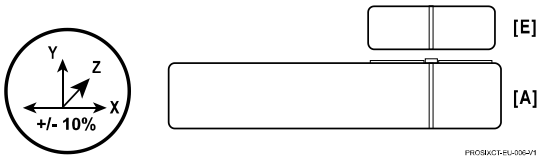
   Note: The screw in the center must be secure for the tamper switch to work properly.
3. Attach and snap the front cover closed. If necessary, secure the front cover with the screw **[D]** (2.0 mm x 6.3 mm).

   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 the 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)	20 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



LED INDICATIONS

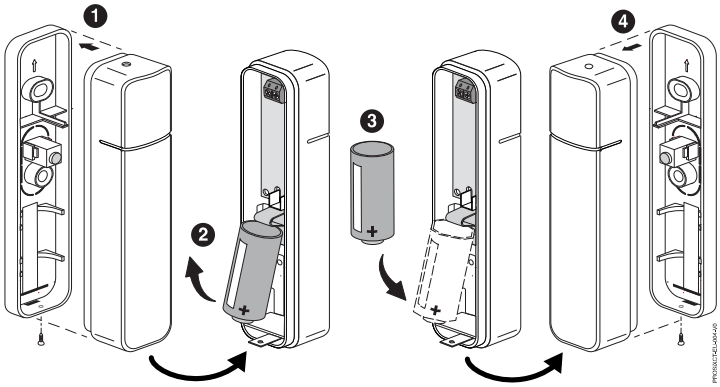
On **Slow Flash** **Rapid Flash**

LED	Status
Rapid Flashes for about 20 seconds, then ON for 3 seconds	Power Up – Enrollment
Slow Flashes	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. It also times out after 10 minutes.
ON (while in Programming Mode)	Sensor LED toggles on and off when the sensor is selected. See Sensor Location Feature.

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 (if installed), and using a screwdriver, gently separate the front cover from the rear housing
2. Remove battery, wait 10 seconds, then insert a new 3V Lithium battery (see **Specifications** for replacement batteries).
3. 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: 2,65VDC

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

EN50131-2-6
GRADE 2
CLASS II

IP 30

IK 04

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Note: Use of the external contact terminal block is 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, warranty, and support, please go to: www.resideo.com

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R800-26472B 11/21 Rev B