

FCC/IC Information

This device complies with Part 15 FCC Rules and Industry Canada's license-exempt RSSs. Operation is subject to these conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

Notice!



For the full FCC/IC information, refer to the *Security Escort Point Tracking Transmitter Installation Manual*, downloadable from <http://www.boschsecurity.com>.

Installation and Setup

This section provides information for system planners and configurators.

- Using a small screwdriver, gently lift the printed circuit board away from the case mounting clips. You do not need to remove the cover to remove the board.

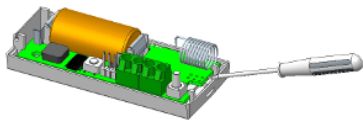


Fig. 5: Lift printed circuit board

- Rock the board gently to loosen the battery clips from the case and slide the board away from the mounting clips near the area where the cover connects to the base.
- Mount the point transmitter in the desired location, taking note the magnet needs to be on the same side of the case as the reed switch.

Mounting the point transmitter



Notice!

Avoid mounting the point transmitter on metal surfaces as it can reduce the range of the unit.

Recommended mounting

- Position the mounting plate over the desired location and attach it with the supplied screws.

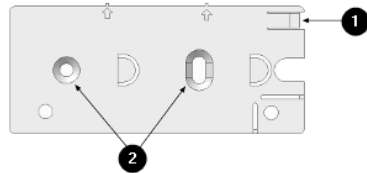


Fig. 1: Attach mounting plate

- | | |
|---------------|------------------|
| 1 Release tab | 2 Mounting holes |
|---------------|------------------|
- Open the cover using a screwdriver.

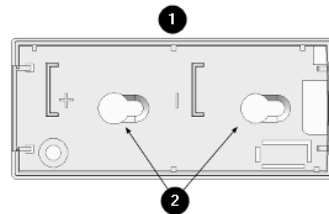


Fig. 6: Mount point transmitter in desired position

- | | |
|---------------|------------------|
| 1 Magnet side | 2 Mounting holes |
|---------------|------------------|

Mounting the magnet

Mount the magnet as shown in the following figure. The magnet must mount within 19 mm (0.75 in.) of the base of the unit.



Fig. 2: Open cover

- | | |
|-------------------------------------|-----------|
| 1 Insert screwdriver and press here | 2 Push in |
|-------------------------------------|-----------|
- Be sure to note the location of the magnet when mounting the base.
 - Slide the point transmitter over the base to lock it into place.



Fig. 3: Slide point transmitter over base

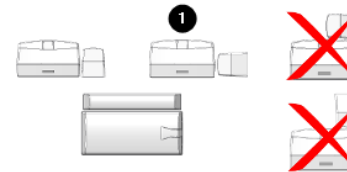



Fig. 7: Mount the magnet

- | |
|---------------------------------|
| 1 End view from the opening end |
|---------------------------------|

Powering up the point transmitter

The SEC-3402 series can be powered up either by 3V battery or 12 VDC input, depending on the setting of the jumper.

3V battery

- Check that the jumper is set over the jumper pins marked by the  symbol. This is the default factory setting on the point transmitter.

- The point transmitter can be released from the base by pressing the release tab with a small screwdriver or a paper clip.
- For higher security installations, mount the transmitter using the tamper screw provided.

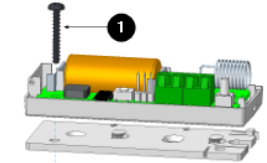


Fig. 4: Mount transmitter using tamper screw

- | |
|----------------|
| 1 Tamper screw |
|----------------|

Mounting without the mounting plate

- If the battery was installed in the point transmitter, remove it at this time.

- Install the recommended type of battery: Duracell® DL123A, Energizer® EL123AP or Panasonic® CR123A. Be sure to observe the polarity.

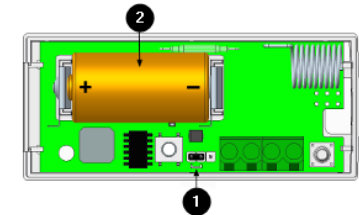


Fig. 8: Install battery

- | | |
|------------------|-----------|
| 1 Jumper setting | 2 Battery |
|------------------|-----------|

12 VDC input

- Set the jumper over the jumper pins as illustrated in the diagram below.
- Connect the 12 VDC source to the connector of the transmitter.

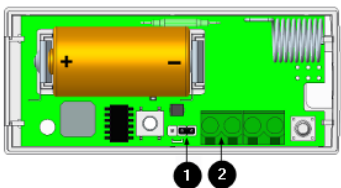


Fig. 9: 12 VDC input

| | |
|------------------|-------------|
| 1 Jumper setting | 2 12 VDC in |
|------------------|-------------|

Setting up magnetic or external contacts

The SEC-3402 series has the capacity to monitor magnetic and/or dry external contacts. External Normally Closed (NC) or external Normally Open (NO) contacts can be monitored.

Recommended cable: 18 AWG < 20 ft (6 m)

EOL resistor: 1 Mega ohms

| Switch Number | Usage |
|---------------|---|
| 1 | Frequency Selection: OFF - 304 MHz (default setting) ON - 303.825 MHz (Not applicable to SEC-3402-433) |
| 2 | Auto-track (every 7 seconds) |
| 3 | Displacement Detection |
| 4 | Reed Switch |
| 5 | Buzzer |
| 6 | Not Used |

Notice!



Remove the battery before setting the dip switches. **Changes to the dip switches should be performed by administrators only.**



Notice!

If not using external contacts, you must install the EOL resistor.

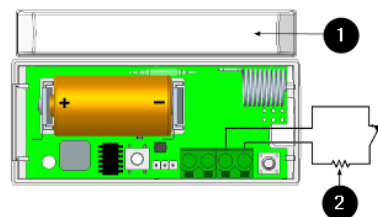


Fig. 10: Magnet (optional) typical NC wiring

| | |
|--------------|----------------|
| 1 Magnet bar | 2 EOL resistor |
|--------------|----------------|

Default dip switch setting

The default setting of the SEC-3402 series dip switch is as follows:



| Default Setting | Switch Number on Dip Switch | | | | | |
|-----------------|-----------------------------|-----|-----|-----|-----|--------------|
| | 1 | 2 | 3 | 4 | 5 | 6 (not used) |
| Switch Position | OFF | OFF | OFF | OFF | OFF | OFF |

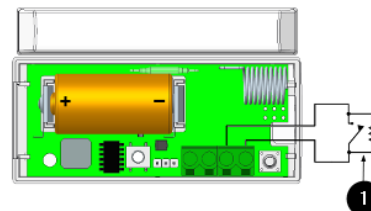
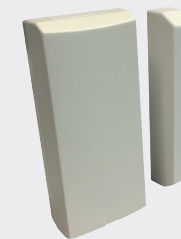


Fig. 11: Magnet (optional) typical NO wiring

| |
|----------------|
| 1 EOL resistor |
|----------------|

Enabling and Disabling Features

The features of SEC-3402 series can be set, enabled or disabled accordingly using its dip switch. There are 6 switches on the dip switch. Usage of the dip switch is explained as of below:



Security Escort Point Tracking Transmitters SEC-3402 Series



en Quick Installation Guide

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