Seco-Larm SD-9263-KSVQ

Seco-Larm Enforcer SD-9263-KSVQ No Touch Request-to-Exit Plate User Manual

Model: SD-9263-KSVQ

1. INTRODUCTION

The Seco-Larm Enforcer SD-9263-KSVQ is an outdoor-rated, no-touch request-to-exit plate designed for controlled access systems. It utilizes infrared (IR) technology to detect hand waves, activating a door release without physical contact. This unit is ideal for environments requiring high hygiene standards. It also features a mechanical override for emergency or power failure situations.

2. KEY FEATURES

- **No-Touch Activation:** Activates with a simple wave of the hand, minimizing contact.

- **Adjustable Sensor Range:** Detection range can be set from 2 to 7 inches (5 to 18 cm).

- **Visual Feedback:** A ring illuminator changes color (red to green or green to red, selectable) upon activation.

- **Mechanical Override:** Includes a manual button for door operation, even during power outages.

- **Durable Construction:** Made from stainless steel with an IP65 weatherproof rating for outdoor use.

- **Easy Wiring:** Features a quick-connect screwless terminal block for simplified installation.

- **Adjustable Trigger Duration:** Output relay trigger duration is adjustable from 0.5 to 20 seconds, or set to toggle mode.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of the Seco-Larm Enforcer No Touch Request-to-Exit Plate. This device is designed for door mount applications.

3.1 Package Contents

- Seco-Larm Enforcer No Touch Request-to-Exit Plate (SD-9263-KSVQ)

- Mounting hardware

- Keys for mechanical override

3.2 Mounting

1. Select a suitable location on the door frame or wall adjacent to the door, ensuring it is within easy reach for users.

2. Use the provided mounting hardware to securely attach the plate. Ensure the plate is level and firmly fixed to prevent movement.

3. Route necessary wiring through the wall or door frame to the quick-connect terminal block on the back of the plate.

3.3 Wiring

Connect the plate to your access control system or door strike using the screwless terminal block. Refer to your access control system's manual for specific wiring diagrams. The plate includes a 1A relay output.

- **Power Input:** Connect to a stable power source (typically 12V DC).
- **Relay Output:** Connect to the door strike or access control panel's input.
- **Ground:** Ensure proper grounding for safe operation.

Note: All wiring should be performed by a qualified technician in accordance with local electrical codes.

Figure 1: Front view of the Seco-Larm Enforcer No Touch Request-to-Exit Plate. It features a brushed stainless steel finish, an illuminated IR sensor with a hand icon, and a mechanical override button. Text on the plate indicates 'WAVE TO OPEN' and 'ENFORCER'.

4. OPERATING INSTRUCTIONS

4.1 No-Touch Activation

1. Approach the Seco-Larm Enforcer plate.
2. Wave your hand within the adjustable sensor range (2 to 7 inches) of the IR sensor.
3. The ring illuminator will change color (e.g., from red to green) to indicate successful activation.
4. The door will unlock or open according to the configured trigger duration.

4.2 Mechanical Override

In the event of a power failure or if no-touch activation is not desired, the mechanical override can be used.

1. Locate the manual override button on the plate.
2. Press the button to activate the door release mechanism.

4.3 Adjusting Sensor Range and Trigger Duration

The sensor range and trigger duration can be adjusted via internal potentiometers or dip switches (refer to the detailed wiring diagram provided with the product for exact locations and procedures).

- **Sensor Range:** Adjust to suit the environment, typically between 2 and 7 inches. Avoid setting it too sensitive in high-traffic areas to prevent false activations.
- **Trigger Duration:** Set the time the relay remains active (0.5 to 20 seconds) or select toggle mode for continuous activation until a second wave.

5. MAINTENANCE

The Seco-Larm Enforcer No Touch Request-to-Exit Plate requires minimal maintenance due to its durable stainless steel construction and IP65 rating.

- **Cleaning:** Periodically wipe the surface with a soft, damp cloth to remove dust and grime. Avoid abrasive cleaners or solvents that could damage the finish or sensor.
- **Inspection:** Regularly check for any signs of physical damage or loose connections. Ensure the mounting remains secure.
- **Sensor Performance:** Test the no-touch activation periodically to ensure the sensor is functioning correctly and its range is appropriate for the environment.

6. TROUBLESHOOTING

If you encounter issues with your Seco-Larm Enforcer No Touch Request-to-Exit Plate, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No-touch activation not working	- No power to the unit - Sensor obstructed or dirty - Sensor range set too low - Faulty wiring	- Check power supply and connections. - Clean the sensor area. - Adjust sensor range to a higher sensitivity. - Verify all wiring connections are secure.

Problem	Possible Cause	Solution
Illuminator not changing color	• Unit not receiving power • Sensor not detecting motion • Internal fault	• Confirm power supply. • Ensure hand wave is within sensor range. • If problem persists, contact technical support.
Door does not unlock after activation	• Incorrect trigger duration setting • Problem with door strike/lock • Wiring issue to door strike	• Adjust trigger duration. • Test the door strike/lock independently. • Check wiring between the plate and the door strike.
Mechanical override not working	• Internal mechanical issue • Wiring issue to door strike	• Ensure the button is fully depressed. • Check wiring to the door strike. • Contact technical support if the button feels jammed or unresponsive.

7. SPECIFICATIONS

- **Model:** SD-9263-KSVQ
- **Material:** Stainless Steel
- **Dimensions:** 4.53 x 2.76 x 0.4 inches (115 x 70 x 10 mm)
- **Item Weight:** 4.8 ounces (136 grams)
- **Sensor Type:** Infrared (IR)
- **Sensor Range:** Adjustable 2 to 7 inches (5 to 18 cm)
- **Relay Output:** 1A
- **Trigger Duration:** Adjustable 0.5 to 20 seconds or Toggle
- **Weatherproof Rating:** IP65
- **Mounting Type:** Door Mount
- **Included Components:** Light (illuminator)

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This Seco-Larm Enforcer product is covered by a **1-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, unauthorized modification, or improper installation.

8.2 Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Seco-Larm customer support. Have your product model number (SD-9263-KSVQ) and date of purchase ready when

contacting support.

Please visit the official Seco-Larm website for the most current contact information and support resources.