

## DSC PG9303

# DSC PG9303 PowerSeries Neo PowerG Wireless Door/Window Magnetic Contact User Manual

Model: PG9303

## 1. INTRODUCTION

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The DSC PG9303 PowerSeries Neo PowerG Wireless Door/Window Magnetic Contact is a security device designed to protect common intrusion points such as windows and doors. This contact communicates wirelessly with your security system, reporting when a door or window is opened or closed. It provides timely alerts upon detection of an intrusion attempt, enhancing property protection.



**Image 1.1:** The DSC PG9303 PowerG Wireless Door/Window Magnetic Contact. This image displays the two primary components of the contact sensor: the larger main sensor unit and the smaller magnet unit, both in a white finish. These units are designed to be mounted on a door or window frame and the moving part of the door/window, respectively, to detect opening and closing.

## 2. FEATURES

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- **Wireless Operation:** Utilizes PowerG technology for secure and reliable wireless communication.
- **Door/Window Protection:** Designed to monitor the open/closed status of doors and windows.
- **Extended Battery Life:** Features an exceptionally long-lasting lithium battery for prolonged operation.
- **Long-Range Transmission:** Robust communication link enables extended transmission distances.
- **Interference Protection:** Enhanced security against signal interference.
- **Easy Installation:** Includes a convenient pull tab for quick battery activation and simplified setup.
- **Compatibility:** Compatible with PowerSeries Neo, PowerSeries Pro, and Qolsys security panels.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- DSC PG9303 Wireless Door/Window Magnetic Contact (Sensor Unit and Magnet Unit)
- Lithium Battery (pre-installed with pull tab)
- Mounting Hardware (screws or adhesive strips, typically included but not explicitly listed)

## 4. SETUP AND INSTALLATION

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Proper installation ensures optimal performance and reliable security. This device is designed for window mount and door mount applications.

### 4.1. Choosing a Mounting Location

- Select a door or window frame where the sensor and magnet can be mounted within 1/2 inch (1.27 cm) of each other when the door/window is closed.
- Avoid mounting on metallic surfaces that may interfere with wireless signals.
- Ensure the location is clean and dry.

### 4.2. Battery Activation

1. Locate the battery pull tab on the sensor unit.
2. Firmly pull the tab to activate the pre-installed lithium battery. The sensor will power on.

### 4.3. Mounting the Sensor and Magnet

1. Mount the larger sensor unit on the stationary part of the door or window frame.
2. Mount the smaller magnet unit on the moving part of the door or window (the door itself or the window sash).
3. Ensure the alignment marks on both units are facing each other and are within the specified gap (typically 1/2 inch or 1.27 cm) when the door/window is closed.
4. Use the provided screws or adhesive strips for secure mounting.

### 4.4. Enrolling with the Security System

Refer to your specific security system's installation manual (e.g., PowerSeries Neo, PowerSeries Pro, Qolsys panel) for detailed instructions on how to enroll new wireless devices. Generally, this involves:

- Placing the security panel in enrollment mode.
- Triggering the contact (opening and closing the door/window) to send a signal to the panel.
- Confirming the device enrollment on the panel.

## 5. OPERATION

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Once installed and enrolled, the PG9303 contact operates automatically:

- When the door or window is closed, the magnet is in close proximity to the sensor, indicating a secure state.
- When the door or window is opened, the magnet moves away from the sensor. The sensor detects this change and transmits a signal to the connected security system.
- The security system then processes this signal according to its programming (e.g., trigger an alarm if armed, send a notification).

## 6. MAINTENANCE

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### 6.1. Battery Replacement

The PG9303 uses a long-lasting lithium battery. When the battery level is low, your security system will typically indicate a low battery condition for the device. To replace the battery:

1. Disarm your security system and put it into maintenance mode if available, to prevent false alarms.
2. Carefully open the casing of the sensor unit.
3. Remove the old lithium battery.
4. Insert a new, identical lithium battery, ensuring correct polarity.
5. Close the sensor casing securely.
6. Test the sensor by opening and closing the door/window to confirm it communicates with the panel.

## 6.2. Cleaning

Clean the exterior of the sensor and magnet units periodically with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

## 6.3. Regular Checks

Periodically test the contact by opening the protected door or window while the system is armed (or in test mode) to ensure it triggers the appropriate response from your security panel.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Sensor not detecting opening/closing	<ul style="list-style-type: none"><li>• Incorrect alignment of sensor and magnet.</li><li>• Dead or low battery.</li><li>• Sensor not properly enrolled with the panel.</li></ul>	<ul style="list-style-type: none"><li>• Adjust sensor and magnet for proper alignment (within 1/2 inch).</li><li>• Replace the battery.</li><li>• Re-enroll the sensor with your security panel.</li></ul>
Sensor not communicating with panel	<ul style="list-style-type: none"><li>• Out of range from the security panel.</li><li>• Signal interference.</li><li>• Dead or low battery.</li></ul>	<ul style="list-style-type: none"><li>• Relocate the sensor closer to the panel or install a PowerG repeater.</li><li>• Check for sources of interference (e.g., large metal objects, other wireless devices).</li><li>• Replace the battery.</li></ul>
False alarms	<ul style="list-style-type: none"><li>• Loose mounting.</li><li>• Door/window movement due to wind or vibration.</li></ul>	<ul style="list-style-type: none"><li>• Ensure both sensor and magnet are securely mounted.</li><li>• Check for excessive movement of the door/window and secure it if necessary.</li></ul>

## 8. SPECIFICATIONS

Model Number	PG9303
Brand	DSC
Control Method	Touch
Mounting Type	Window Mount, Door Mount

<b>Sensor Technology</b>	Contact Sensor
<b>UPC</b>	738714001098
<b>Manufacturer</b>	DSC
<b>Item Weight</b>	1.87 ounces
<b>Package Dimensions</b>	3.74 x 2.17 x 0.87 inches
<b>Item Package Quantity</b>	1
<b>Included Components</b>	Battery
<b>Battery Type</b>	Lithium
<b>Power Source</b>	Battery Powered
<b>Compatible Devices</b>	PowerSeries Neo, PowerSeries Pro, Qolsys panels

## 9. WARRANTY INFORMATION

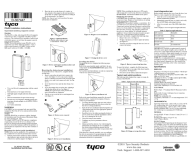

Specific warranty details for the DSC PG9303 are typically provided with the product packaging or available on the manufacturer's official website. Please refer to the documentation included with your purchase or visit the DSC website for comprehensive warranty terms and conditions.


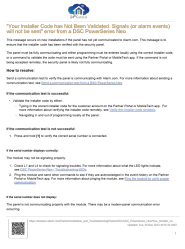

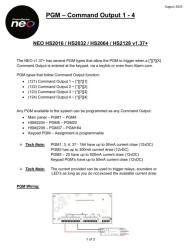
## 10. SUPPORT

For technical assistance, troubleshooting beyond this manual, or further inquiries, please contact DSC customer support. Contact information can usually be found on the product packaging, the manufacturer's website, or through your security system installer.

**Manufacturer Website:** [www.dsc.com](http://www.dsc.com)

## Related Documents - PG9303

	<p><a href="#">PGx303 Installation Instructions - Tyco DSC Security Contact</a></p> <p>Detailed installation instructions for the Tyco DSC PGx303 supervised vanishing magnetic contact. Learn about setup, mounting, enrollment, and technical specifications for this PowerG wireless security sensor.</p>
	<p><a href="#">HS2TCHP E Touchscreen User Manual - DSC Security</a></p> <p>User manual for the DSC HS2TCHP E Touchscreen, providing instructions and information on its features, operation, and safety for PowerSeries Neo and Pro alarm systems.</p>

	<p><a href="#">DSC PowerSeries Neo PowerG Device ERP Quick Reference Guide</a></p> <p>Quick reference guide for DSC PowerSeries Neo compatible PowerG devices, detailing 915MHz frequency, power variability, and transmission power (ERP) in dBm for various detectors, sirens, keys, and repeaters.</p>
	<p><a href="#">Troubleshooting DSC PowerSeries Neo Installer Code Validation Errors</a></p> <p>A guide to resolving the "Your Installer Code has Not Been Validated" error on DSC PowerSeries Neo panels, ensuring proper communication with Alarm.com.</p>
	<p><a href="#">DSC PowerSeries Neo HS2016/2032/2064/2128 Alarm Panel User Guide</a></p> <p>Comprehensive user guide for the DSC PowerSeries Neo HS2016, HS2032, HS2064, and HS2128 alarm panels, covering system operation, arming, disarming, access codes, troubleshooting, and safety instructions for residential and commercial security systems.</p>
	<p><a href="#">DSC PowerSeries NEO PGM Command Output 1-4 Programming and Function</a></p> <p>Guide to programming and utilizing PGM Command Output 1-4 functions on DSC PowerSeries NEO alarm systems (HS2016, HS2032, HS2064, HS2128 v1.37+), covering types, programming syntax, current draw, and module compatibility.</p>