



PowerG Wireless Commercial Magnetic Contact with Auxiliary Input (PGX309)



High volume commercial support

The PowerG Wireless Commercial Magnetic Contact with Auxiliary Input is installed on common intrusions points such as windows and doors to provide perimeter protection of the premise. It's designed for both residential and high-volume commercial use, ensuring superb performance over many years, with a long-lasting battery life. The PGX309 is designed to communicate with the security system to report openings and closings of doors & windows. Known for its versatility and reliability, the PGX309 is an easy to install device ideal for a wide range of environments. This contact is designed for quicker commercial installation which require multiple devices.

Easy to Install

The PowerG Wireless Commercial Magnetic Contact has a built-in auto enrollment process by simply using a pull tab. It is also equipped with a visible link quality LED indicator on the contact that lets the installer choose the optimal location for installation, eliminating the effort of going back and forth to the keypad. Additionally, device configuration is quick and easy with no hardware switches or need to re-open devices. All device configuration settings are handled on the system keypad.

Dependable and Versatile

The PGX309 contact features an auxiliary input that can be used to easily connect a standard hardwired contact. The auxiliary input can be configured to be Normally Open, Normally Closed or Single End-of-Line. This feature is useful in installations where space is of a premium and it is difficult to mount the magnet within the maximum allowable gap of the contact.

PowerG – The power of wires, without the wires

Cut out the wires and plug in peace of mind with PowerG, the leading wireless security technology for today's homes and businesses. PowerG offers all the benefits of traditional wired security, without the hassles and vulnerabilities of wires. It makes end users' lives more secure and convenient, and is ideal for a wide range of applications.

Key Benefits

- Long-lasting battery life for commercial applications
- PowerG robust industry leading commercial grade wireless technology
- Easier and faster installation by pulling the tab to auto-enroll
- Visible link quality LED indicator shown on device
- Option Configurable Auxiliary Input
- Fully supervised

Compatibility

Backward compatible with PowerSeries Pro, PowerSeries Neo and iotega as PGX945 Door/Window contact with Auxiliary input

Specifications

Dimensions	81 x34 x 25mm (3.19 x 1.25 x 1in)
Battery Life	Residential - up to 8 years (typical use) Commercial - up to 5 years (typical use)
Battery Type	3V CR123A Lithium Battery
Weight	53g (1.9oz)
Operating Temperature	-10°C to 55°C (14°F to 131°F)

Approvals

- FCC/IC
- UL/ULC
- CE/EN

The Power of PowerG:

The power behind PowerSeries Neo and iotega systems lies in various innovative technologies, including the revolutionary PowerG, which power a robust and feature-rich platform designed to reduce operational costs for dealers, and provide ultimate reliability for end users.

- Multichannel, Frequency Hopping Spread Spectrum technology – to overcome frequency blocking and interference
- Adaptive transmission power – for battery life preservation
- High transmission ranges – for reliable communication
- TDMA synchronized communication technology – to prevent message collisions
- 128-bit AES encryption – for high-level protection against analysis tools and digital attacks

Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

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