

## Wireless Outdoor Magnetic Contact with Auxiliary Input



### Long-lasting, All-weather Outdoor Protection

The PowerG Wireless Outdoor Magnetic Contact with Auxiliary Input is a high-performance contact detector perfect for protecting outdoor entries or exits, including perimeter gates, pool and garden enclosures, shed doors, windows, and more.

This outdoor magnetic contact has a two-way communication protocol, ensuring highly reliable, advanced security.

Back and front tamper-proofing and upcoming anti-obstruction capabilities not yet seen in the market add an extra layer of protection to the device (for selected systems), while a paintable exterior makes it easy to conceal.

### Effective

Built-in PowerG leading-edge wireless intrusion technology with two-way communication prevents lost alarms. An extra-long transmission range makes it suited for very large properties. A wide gap tolerance reduces false alarms caused by wind and animals bumping outdoor gates and enclosures. IP66 dust-tight and waterproof rating ensures dependable operation even in extreme environments.

### Enduring

A robust device designed for both residential and high-volume commercial use, the PowerG Wireless Outdoor Magnetic Contact with Auxiliary Input ensures superb performance over many years, with a long-lasting battery and reliable operation in severe weather conditions, including temperatures of  $-40^{\circ}\text{C}/-40^{\circ}\text{F}$  to  $+66^{\circ}\text{C}/151^{\circ}\text{F}$ .

It is ready with auxiliary double end-of-line support and temperature sensing abilities coming soon, to be available for selected systems.

### Easy

Installation in challenging outdoor settings is made easy by an ultra-strong magnet that allows a wide gap tolerance. Wireless technology makes installations easier, faster, and less disruptive, while maintenance is simplified by a battery that can be replaced without removing the device from the surface.

### 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

- Provides exceptional outdoor protection of windows, gates, and doors
- Ensures reliable performance using built-in PowerG leading-edge wireless intrusion technology, with two-way communication
- Extra-long transmission range makes it suited for very large properties
- Operates dependably in extreme weather and harsh environmental conditions (IP66 certified)
- Wide gap tolerance reduces false alarms, and makes installation easier
- Delivers long-lasting security with a battery life of up to 5 years (with typical use)
- Fast and convenient auto-enrollment, with a pull tab
- Battery can be replaced without removing the device
- Easily concealed, with a paintable exterior casing that can be matched to different surfaces
- Complies with the strict security standard EN Grade 2

## Compatibility

PGx312 – PowerSeries Neo, Power Series Pro, WP, iotega and Qolsys IQ Panel 2 Plus systems  
For further information please refer to [www.dsc.com](http://www.dsc.com)

MC-312 PG2 – PowerMaster systems  
For further information please refer to [www.visonic.com](http://www.visonic.com)

BW-312 – BW systems  
For further information please refer to [www.bentelsecurity.com](http://www.bentelsecurity.com)

## Specifications

Frequency	Europe and rest of world: 433- 434 MHz, 868- 869 MHz ; USA: 912- 919 MHz
Battery type	Two 1.5 V lithium batteries
Battery life	5 years (with typical use)
Weight (including battery)	154 g (5.4 oz)
Operating temperature	-40°C to 66°C (-40°F to 151°F)
Operating environment	Outdoors
Dimensions	105 x 52 x 35 mm (4.12 x 2 x 1.37 in)

### Approvals

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

### The Power of PowerG:

The revolutionary PowerG powers 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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