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Data Sheet

PowerG Wireless Outdoor Magnetic Contact with Auxiliary Input

Key Features

- Long-lasting battery life – up to 5 years with typical use under standard conditions
- Auxiliary input can be used to easily connect a standard hardwired contact
- IP66 dust-tight and waterproof rating ensures dependable operation even in extreme conditions
- Tamper-resistant
- Built-in leading-edge PowerG wireless technology
- Fast installations using link quality LED indicators and pull-tab device auto enrollment
- Wide gap tolerance reduces false alarms caused by wind, or by animals bumping outdoor gates and enclosures

Designed for high-traffic areas
Robust outdoor detection for windows, gates and doors.

Exceptionally powerful, this high-performance contact detector ensures superb performance over many years, with a long-lasting battery and reliable operation in severe weather conditions. It is the only outdoor magnetic contact and temperature sensor in one, with a two-way communication protocol, ensuring a highly reliable, advanced security at all times. PowerG Wireless Outdoor contact also has support for anti-masking, a feature that prevents intruders from defeating the detector by blocking its sensor.*

Based on built-in PowerG leading-edge wireless technology

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 of wires. It makes consumers' lives more secure and convenient, and is ideal for a wide range of applications.

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Specifications

Frequency	USA: 912- 919 MHz, Europe and rest of world: 433- 434 MHz, 868- 869 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)

PowerG – The power of wires, without the wires.

- Military-grade 128-bit AES encryption protects against powerful analysis tools and digital attacks
- Full two-way synchronized TDMA synchronized communication technology - to prevent message collisions
- Multi-channel, Frequency Hopping Spread Spectrum technology repeatedly switches frequencies to minimize interference of radio signals and prevent interception and obstruction during transmissionn
- Devices dynamically optimize their route to the control panel to avoid RF interference and to extend battery life up to 8 years**, and reducing the cost of system maintenance
- High transmission ranges allow for devices to reliably communicate within up to 2km/1.24 miles line-of sight, therefore reducing the cost of installing additional repeaters to service larger premises
- Simplified installation using a visible link quality LED indicator on the devices, allowing device testing at selected location, without having to return to the panel
- Quick, error-free enrollment with built-in auto enrollment process by simply using a pull tab
- Advanced, time-saving toolset: on-site and remote diagnostics, remote real-time testing, support for advanced applications & mobile control to dramatically reduce maintenance costs

**Battery life depends on device, device placement and system use

Approvals

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

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
- MC-312 - PowerMaster systems
  For further information please refer to www.visonic.com
- BW-312 – BW systems
  For further information please refer to www.bentelsecurity.com

*Temperature sensing and anti-masking features are supported by PowerSeries Pro and by PowerMaster version 20.2 and newer

About 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.

For additional information, please visit www.johnsoncontrols.com or follow us @johnsoncontrols on Twitter.

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