

PowerG+ Wireless Magnetic Contact with Auxiliary Input PGP9945E



Characteristics:

- Solid PowerG+ wireless technology for commercial applications, extended reach
- New, more elegant and refined design
- LED visible on the device for indication of the link quality
- Configurable auxiliary input
- Fully supervised
- Anti-tamper switch on wall and front
- Remote firmware update

PowerG+ PGP9945E Wireless Door/Window Contact with Auxiliary Input

The PowerG+ PGPx945E Wireless Door/Window Contact with Auxiliary Input installs at potential intrusion points such as windows and doors to provide perimeter protection for your property. The PGPx945E is designed to communicate with your security system to report door and window openings and closings. Renowned for its versatility and reliability, the PGPx945E is an easy-to-install device that is ideal for a wide range of environments.

The new PGP9945E features a more modern and elegant design, the possibility of firmware upgrade for new functionalities and extended range compared to its PowerG version.

Easy to install with quality indicator link and battery tab

The PowerG PGP9945E Wireless Door/Window Contact features a visible LED link quality indication on the device allowing the installer to choose the optimal installation location, eliminating the need to go to the keypad. Additionally, setup is quick and easy with no switches and no need to open the devices.

All device configuration parameters are controlled from the system keypad.

Additionally, the PGP9945E includes a plastic battery tab, allowing for easier registration of the device to the panel by simply pulling the tab that connects the battery and sends the registration message to the alarm panel.

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Reliable and versatile

The PGP4945E contactor features an auxiliary input that can be used to easily connect a standard wired contactor. The auxiliary input can be configured as Normally Open, Normally Closed, or with an End-of-Line Resistor. This feature is useful for installations where there is insufficient space and it is difficult to mount the magnet within the maximum distance allowed by the contactor.

PowerG+: Redefining wireless communication technology

The power behind PowerG lies in several technologies that provide a robust, feature-rich platform designed to reduce operating costs for installers and monitoring centers and to provide the most advanced reliability to end users. It includes technologies such as:

- Multi-channel, frequency-hopping, wide-spectrum technology
- Adaptive transmission power - to preserve battery life
- Long transmission range 2km with line of sight
- TDMA synchronous communication technology
- 128-bit AES encryption

Specs

Dimensions (H x W x D)	89 mm x 37 mm x 30 mm (3.5 in. x 1.5 in. x 1.2 in.)
Battery life	Up to 8 years with typical use
Battery Type	3V CR123A lithium battery
Weight	53 g (1.9 oz)
Working temperature	-10°C to 55°C (14°F to 131°F)
Registration mechanism	Plastic tab for battery or internal registration button
Operating frequency	915MHz

Ordering Information

PGP9945E.....PowerG+ wireless magnetic contact at 915MHz

About Johnson Controls

Johnson Controls is a diversified, multi-industry global technology leader serving a broad range of customers in more than 150 countries. Our 120,000 employees create smart buildings, efficient energy solutions, integrated infrastructure and next-generation transportation systems that work together to realize the promise of smart cities and communities. Our commitment to sustainability dates back to our origins in 1885, when the first electric room thermostat was invented.

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