

PowerG Wired to Wireless Upgrade & Expansion Module



Use the Tyco | PowerG Wired to Wireless Upgrade & Expansion Module to upgrade and enhance old security systems. Quick. Easy. Secure.

Key Features

- Industry-leading PowerG wireless technology
- Connect siren, strobe and 4 PGMs for a full range of applications
- Enhanced security is enabled by the double end-of-line programming, tamper protection (including back tamper) and the integrated power supply supervision
- Lead acid backup is safely stored inside the plastic cabinet
- Use your favorite hardwired device from any hardwired portfolio and incorporate it into the PowerG ecosystem

The Tyco | PowerG Wired to Wireless converter leverages industry-leading PowerG wireless technology capabilities, featuring superior encryption and long range.

- 8 wired inputs enable to connect to 8 hardwired zones
 - Normally Open / Normally Closed, Single End of Line and Double End of Line configuration
 - 250ms loop response
- Support for:
 - Up to 18 conventional 2-wire smoke detectors
 - 4-wire smoke detectors
 - CO detectors
- Siren output (Supervised) 12V @ 700mA
- 4 programmable PGM outputs
- PGM support for ON/OFF functionality
- Enhanced tamper protection with front and back cover tamper switches
- AC to DC power adapter output of 18VDC
- 2 Auxiliary independent power loops (500mA total)
- 24h battery backup (sold separately) located inside the device enclosure
- Enhanced security with the integrated power supply supervision

Specifications

Model #	PG9WLSHW8
Frequency	912-919 MHz
Size	225mm x 250mm x 80mm
Weight (including battery)	2.85 kg / 6.28 lbs
Battery type	12V / 7Ah sealed, rechargeable lead acid (not included) 24 hour standby time and 5 minute alarm time for residential fire applications
Operating temperature	-10C - 55C / 14F - 131F
Operating environment	Indoors

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 transmission
- 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

- UL
- FCC
- ULC
- IC

Compatibility

- Qolsys IQ Panel 2+

For further information please refer to www.dsc.com and www.qolsys.com

About Johnson Controls

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