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Johnson Controls PGxWLSHW8 Wireless Upgrade and Expansion Module

Product Information

Specifications

- Product Name: PowerG Qolsys Wired to Wireless Upgrade & Expansion Module (PgxWLSHW8 & PGxHRDW8)
- Compatibility: IQ2+ firmware 2.6.1, IQ Hub firmware 3.1.0, IQ4 / IQ4 Hub firmware 4.1.1
- Enrollment: Auto learn or manual entry of PowerG ID (Starts with 460-xxxx)

Product Usage Instructions

- Access the Installation menu: Installation > Devices > Security Sensors
- Click on the pencil symbol to edit or create the PGM rule
- Click "Add" to proceed
- Enter your PGM Output Name
- Choose Action – Select duration in seconds or minutes
- Choose Trigger Type based on system or zone state
- Choose from the various Arm/Disarm options available
- Click "Add Rule" to save your settings

Additional Information

- Partition on the PGM Output entry screen will only appear if Partitions are enabled
- Utilizing a PowerG keyfob as a latching PGM requires pressing the star button for unlatching
- Motion sensors do not allow the latching action option
- Latching action changes state when a contact opens or closes
- To enable 2-Wire smoke functionalities on the W2W, choose PGM 2 and select 2-
- Multiple rules can be programmed for each PGM output to avoid duplicate or conflicting rules

Introduction

- Enroll Module via auto learn or by entering the PowerG ID manually (Starts with 460-xxxx)
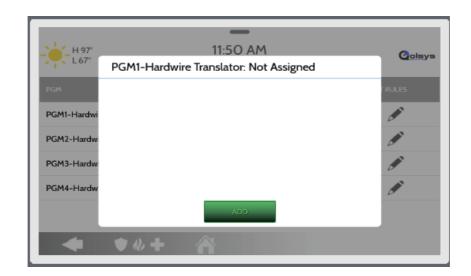- New Option will be visible, Installation > Devices > Security Sensors

PowerG

Step 1

- Click the pencil symbol to edit or create the PGM rule

Step 2

- Click Add

Step 3

- Default View

Step 4

- Enter your PGM Output Name
- Choose Output type
    - Normal
    - Inverted

Step 5

Choose Action

- Latching
- Timer (1 second to 300 minutes)
    - Choose seconds or minutes
    - Scroll or enter the required duration

Step 6

Choose Trigger Type

- System
- Zone
- Command
- 2-Wire Smoke (only available on PGM2)

Step 7

Choose System or Zone state based on the selection

- System State Options
  - Disarm
  - Arm Away
  - Arm Away Entry Delay
  - Arm Away Exit Delay
  - Arm Stay
  - Arm Stay Entry Delay
  - Arm Stay Exit Delay
  - Arm Night (not available on the panel yet)
  - Arm Night Entry Delay (not available on panel yet)
  - Arm Night Exit Delay (not available on panel yet)
  - Alarm
  - Police Emergency
  - Aux Emergency
  - Fire Emergency

- CO Emergency
- Flood Emergency
- Sensor reset
- Siren Follower
- Zone Options
  - Open
  - Closed
  - Star button (only available with PowerG 4 Button Keyfob)

Step 8

- Click Add Rule to save your settings

- Best practice – All intrusion devices should be powered from AUX1 and all

- Life Safety devices should be powered from AUX2.
- Partition on the PGM Output entry screen will only appear if Partitions are enabled
- When utilizing a PowerG keyfob as a latching PGM, pressing the star button will also unlatch the PGM.
- Motion sensors will not allow the option for Latching action.
- Latching action will change state when a contact opens or closes.
- To enable 2-Wire smoke functionalities on the W2W – Choose PGM 2 and select 2-wire smoke under trigger type.
    - When programming any smoke on the W2W, PGM2 will be locked as used by the Smoke Detector.
- Multiple rules can be programmed to each PGM output; duplicate rules or conflicting rules on the same PGM output will generate the following;

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.

More Information

- For further information, please refer to www.dsc.com and www.qolsys.com
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- Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. PN 300026088

FAQ

- **Q: Where can I find further information about the product?**
  - **A:** For more details, please refer to www.dsc.com and www.qolsys.com
- **Q: How can I troubleshoot issues related to conflicting rules on the same PGM output?**
  - **A:** To resolve conflicts, ensure that each rule programmed to a PGM output is unique and does not overlap with others.
- **Q: Can I use a PowerG keyfob with latching functionality for this module?**
  - **A:** Yes, you can utilize a PowerG keyfob as a latching PGM by pressing the star button to unlatch.

Documents / Resources

	[Johnson Controls PGxWLSHW8 Wireless Upgrade and Expansion Module](#) [[pdf](#)] Instruction Manual IQ2, PGxWLSHW8, PGxHRDW8, PGxWLSHW8 Wireless Upgrade and Expansion Module, PGxWLSHW8, Wireless Upgrade and Expansion Module, Expansion Module

References

- [User Manual](#)

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Expansion Module, IQ2, Johnson Controls, PGxHRDW8, PGxWLSHW8, PGxWLSHW8 Wireless Upgrade and Expansion Module, Wireless Upgrade and Expansion Module

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