

Power Control Module (PM5-230) wireless power management and control



Power Control Module

Overview

Pelican Wireless Systems provides you the next level of wireless HVAC Energy Management Control reducing energy consumption, decreasing expenses and improving your productivity. Pelican's Energy Management solution combined with the advanced technology of our Power Control Module (Part No. PM5) gives you the ability to control your facility's electrical equipment remotely from any location in the world via Smartphone, Web Browser or Tablet. a problem.



PM5-230

How it Works

Our unique Power Control Module is comprised of two components; a Wireless Control Box and a Power Relay Module. The Wireless Control Box is a wall mounted transmitter and receiver that communicates wirelessly on a Pelican network. The Power Relay Module is installed into an electrical subpanel or junction box and switches the units it is connected to On and Off. The two components communicate with each other via a low voltage 3 wire control interface.

Each Power Control Module can be used to manage up to five different electrical devices via Pelican's cloud based Energy Management solution. It can be used for exhaust fans, boilers, cooling towers, lighting, and any other electrical equipment which requires scheduled operation.

The Control Box is typically installed in close proximity to the Power Relay Module allowing for a quick installation wherever electrical circuits are located. For maximum flexibility, the 3 wire control cable can be up to 500 feet long.

As with all Pelican Wireless Systems products, the Pelican Cloud Network allows you complete access to these components over a secure wireless network. Controlling and scheduling your electrical equipment has now been simplified with our new remote power control technology.

Key Customer Benefits

- Internet Programmable
- Wireless Communication
- Simple Installation
- Retrofit Friendly
- User Friendly Interface
- Real-time monitoring and Analytical reporting
- Increase in Comfort
- Energy Savings
- Decrease Maintenance and Operation costs
- 24/7 Email Technical Support
- Monday thru Friday, 8am-5pm PST Live Support
- 5 Year Warranty



Features

- Internet Programmable
 - Real-time access and control of electrical equipment from any location with Internet access
 - User friendly scheduling technology to set run-times on industrial electric equipment
 - Historical trend data for accurate scheduling
 - Remote management and diagnostics
 - Dawn and Dust scheduling options
 - Automatic day light savings time change
- Smartphone Compatible
 - Use Pelican's web app on your iPhone or Android from anywhere in the world
 - Compatible with all standard browsers
- Energy Efficient
 - Graphic charts show active schedules and historical equipment usage
 - Preset adjustable schedules to save on energy costs when people aren't present
- Remote management and diagnosis to minimize service calls
- Easy Installation
 - Designed to fit in electrical boxes and connect to already installed equipment
 - Certified contractors can install quickly given you same day control
 - Compatible with new and retrofit installations
 - Automatically connects to your Pelican wireless network
 - Wireless control box can be installed up to 500 ft. from the Power Relay Module
 - Manual push button switches can be installed for manual override operation using a low voltage 2-wire connection up to 500 ft. away

Specifications

Electrical

- Power - hardwire 120VAC 0.5amp or 240VAC 0.25amp
- Voltage - 120 or 240VAC
- Dry contact rated at 120VAC 15amp and 240/277VAC 10amp
- Optional version powered by 277VAC

Wireless Control Box Size

- Dimensions (in.) H 1.625" X W 3.75" X D .75"
- Dimensions (mm) H 41.3 X W 95.2 X D 19
- Mounting – Vertical

Power Relay Module Size

- Dimensions (in.) H 3.375" X W 6.75" X D 2.25"
- Dimensions (mm) H 85.7 X W 171.4 X D 57.2
- Mounting – Vertical or Horizontal



Installation Example

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