



Model: OCM Output Control Module

Installation Guide and Owner's Manual



FUNCTION

The OCM Output Control Module is a high quality plug-in home automation load controller that is capable of controlling two 8 Amp relays based on digital commands received over the power wiring from a remote UPB (Universal Powerline Bus) controller. UPB controllers and modules can be freely located anywhere throughout the home. No additional wiring is required and no radio frequency signals are used for communication.

IMPORTANT SAFETY INSTRUCTIONS

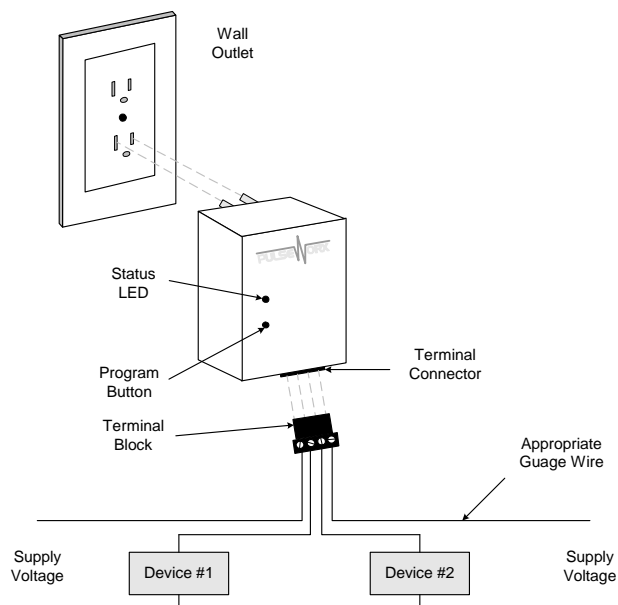
When using electrical products, basic safety precautions should always be followed, including the following:

1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS.
2. Keep away from water. If the product comes in contact with water or other liquid, turn off the circuit breaker and unplug the product immediately.
3. Never use products that have been dropped or damaged.
4. Do not use this product outdoors.
5. Do not use this product for other than its intended purpose.
6. Do not connect multiple loads that, when combined, exceed the maximum load ratings of the product.
7. To avoid any risk of fire, burns, personal injury or electric shock, install this product out of the reach of small children.
8. Do not cover this product with any material when in use.
9. This product uses grounded plugs and sockets to reduce the risk of electric shock. These plugs and sockets fit only one way. If they do not fit, consult an electrician.
10. SAVE THESE INSTRUCTIONS.

INSTALLATION

The Output Control Module is designed for indoor. To install the OCM module:

1. Locate any free grounded wall outlet throughout the home. Plug the OCM into the wall outlet (see illustration).
2. Optionally, the OCM can be secured to the wall outlet by screwing the wall plate center screw through the OCM's mounting tab.
3. Remove the supplied Terminal Block from the OCM's Terminal Connector (see illustration).
4. Connect two wires from the first Control Circuit to the Terminal Block. Terminate the two wires to blocks 1 and 2 using the clamping screws provided.
5. Connect two wires from the second Control Circuit to the Terminal Block. Terminate the two wires to blocks 3 and 4 using the clamping screws provided.
6. Plug the Terminal Block into the Terminal Connector (see illustration).





Model: OCM Output Control Module

Installation Guide and Owner's Manual

CONFIGURATION

Once your OCM is installed it can be configured either manually or with the UPStart Setup Software.

Manual configuration can be used to add your OCM device into a UPB network, link it to controller buttons and change preset relay states. Refer to the Keypad Controller's Manual Configuration Guide available on the PulseWorx website (www.PulseWorx.com) for more details.

Although the factory default operation of the OCM is useful in many situations, it is highly recommended that your device be configured with the UPStart Setup Software so that you can take advantage of its many configurable features.

PCS has developed a Powerline Interface Module (PIM) and free software (UPStart) to help you configure all of your PulseWorx Lighting System devices. User's Guides are available on the PulseWorx web site: www.PulseWorx.com to explain how to configure your system.

SETUP Mode

When configuring a UPB system, it will be necessary to place the OCM in SETUP mode. To do this, press the Program Button (see illustration) **five** times rapidly. The Status LED will continuously blink Blue when the device is in SETUP mode. To exit SETUP mode, press the Program Button **twice** or wait five minutes for it to time out.

OPERATION

The Output Control Module operates according to commands sent by UPB controllers.

The OCM can accept powerline commands from any UPB-compatible transmitter such as PulseWorx Keypad Controllers, Timed Event Controllers, Wall Switches, Interface Modules, Approved Third-Party Controllers and touch screens. Each channel of the OCM can be a member of up to 16 scenes with the capability to store a pre-set relay state (OPEN or CLOSED) for each scene.

AUTO-OFF Timers

New for Generation 2 is the ability to set a maximum on time. If you forget to shut the load off yourself then the output module will do it for you automatically. The OCM can be configured to inform the rest of the network when it has automatically turned the load off. This allows the OCM to remotely control other devices or update feedback indicators such as LEDs.

TEST Mode

A manual test feature allows the relay to be CLOSED and OPENED locally. To enable the TEST mode **press and hold the Program Button** on the OCM **for at least three seconds**. The Status LED will blink Magenta to indicate TEST mode. Relay #1 can now be CLOSED and OPENED by **single-tapping** the Program Button. Lamp #2 can be CLOSED and OPENED by **double-tapping** the Program Button. Press and hold the Program Button again for at least three seconds to exit from TEST mode.

Factory Default Settings

To restore the following default settings place the OCM into SETUP mode and then press the Program Button **ten** times rapidly. The Status LED will blink red to indicate that factory defaults have been restored. Press the Program Button **twice** more to stop the blinking.

Network ID:	255
Unit ID:	06
Network Password:	1234
Receive Components: (Channel #1)	Link #1 = 100% (CLOSED) Link #2 = 0% (OPENED) Link #8 = Blink @ 0.5 secs
Receive Components: (Channel #2)	Link #1 = 100% (CLOSED) Link #2 = 0% (OPENED) Link #8 = Blink @ 0.5 secs

TYPICAL USES

The OCM is perfect for controlling:

- Valves
- Gates
- Garage Doors
- Gas fireplaces
- Pumps
- A large high voltage contactor
- Anything that is controlled by a relay.

LIMITED WARRANTY

Seller warrants this product, if used in accordance with all applicable instructions, to be free from original defects in materials and workmanship for a period of five years from the date of purchase. Refer to the warranty information on the PulseWorx website (www.PulseWorx.com) for exact details.



19201 Parthenia St. Suite J
Northridge, CA 91324
(Phone) 818-701-9831 (Fax) 818-701-1506
sales@pcslighting.com www.pcslighting.com