



UVPP and UVPPM Universal Voltage Power Packs Installation Instructions

Hubbell Building Automation, Inc.

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Specifications

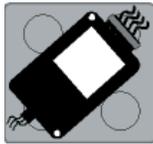
- Input: 100 to 277VAC, 50/60Hz
- Output: 24VDC, 150mA (Class 2), short circuit protected
- Relay Contacts: 20A, 120VAC Incandescent
20A, 120 or 277VAC Ballast
1HP, 120 or 277VAC Motor Load
- Internally Isolated Power Supply
- Zero Arc Point Switching
- Mounts inside or outside junction box, or inside fluorescent ballast cavity
- Available with exclusive QTI (Quick-To-Install) system (UVPP version)
- Manual ON/OFF Support (UVPPM version)
- Powers up to 4 sensors
- Plenum rated
- UL and cUL Listed
- 5 year warranty

Precautions

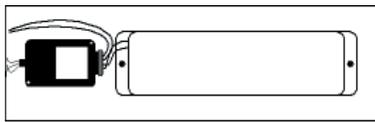
- **CAUTION: RISK OF ELECTRICAL SHOCK. Turn power off at service panel before beginning installation. Never wire energized electrical components.**
- Read and understand all instructions before beginning installation.
- **NOTICE:** For installation by a licensed electrician in accordance with National and/or local Electrical Codes and the following instructions.
- **NOTICE:** For indoor use only.
- **CAUTION: USE COPPER CONDUCTOR ONLY.**
- Confirm that device ratings are suitable for application prior to installation.
- **NOTICE:** Do not install if any damage to product is noticed.

UVPP Installation

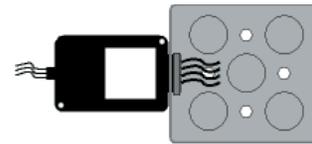
1. Turn power off at the service panel.
2. Mount unit in installation site. See Mounting Diagram below. Use 6x32 pan head screws to secure unit if mounting inside junction box or in lighting fixture ballast cavity. A Low Voltage Nipple Adapter (sold separately) is available for installing unit between two junction box knockouts.



Mounts inside standard 4x4 junction box

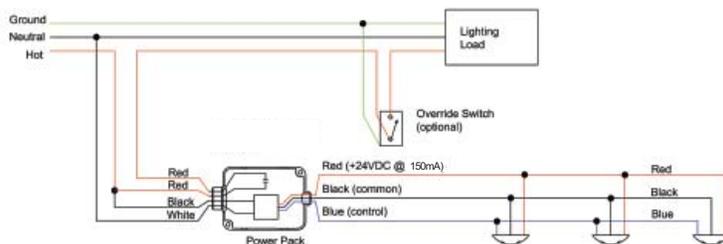


Mounts inside fixture ballast cavity



Mounts outside junction box via 1/2" EMT threaded nipple

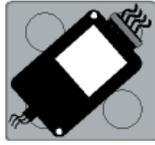
3. Electrically connect the unit to the circuit as shown in the Wiring Diagram below.



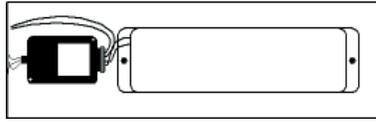
4. Reapply power at service panel.

UVPPM Installation

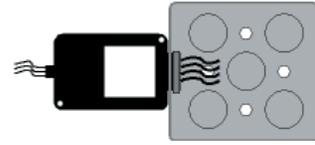
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Mounts inside standard 4x4 junction box

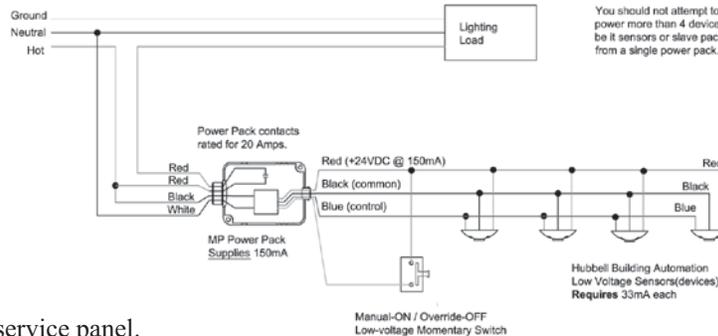


Mounts inside fixture ballast cavity



Mounts outside junction box via 1/2" EMT threaded nipple

3. Electrically connect the unit to the circuit as shown in the Wiring Diagram below.



4. Reapply power at service panel.

UVPPM Manual ON/OFF Operation

The Manual ON input is intended for use with a momentary pushbutton switch. The momentary pushbutton switch should be connected between the Orange Manual ON wire and the Red +24VDC wire.

1. Manual ON – Users must press the momentary switch connected to the Manual ON lead in order to close the relay and turn on the load. +24VDC on the Blue Control wire must be detected within 30 seconds of activating the Manual ON switch to maintain the relay closed (Load ON) status. Pressing the manual switch while the load is ON turns the load OFF regardless of sensor status.
2. Control In – After the Manual ON input has been activated, applying +12-24VDC to the Blue Control wire maintains the state of the relay. Remove the Blue Control wire voltage and the relay opens and returns to the Load OFF state. This input is intended for sensor or control device input. Upon removal of the voltage signal from the Blue Control wire, there is a 30 second grace period. During this time, the power pack can re-activate the relay from a Blue Control wire signal without prior activation of the Manual ON switch.