

# POWER PACKS

## PP SERIES

### Installation Instructions

Please Read

PP-120H/230H/277H/347H  
PP-SH

#### DESCRIPTION

Power switch packs provide, in one compact housing, both the 24 V $\overline{=}$  power supply to operate Lutron sensors as well as the 20 A line voltage relay to control the load. The unit can be placed outside or inside the junction box with a simple twist-on nut. The auxiliary relay model (PP-SH) can be used with line voltage power packs to switch additional loads.

#### FEATURES

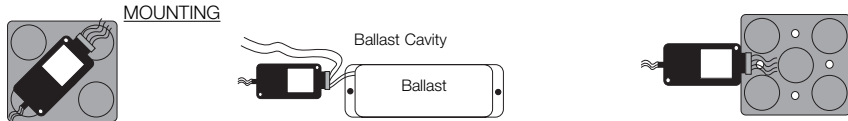
- High-impact UL94 5VA flammability-rated plastic case construction
- Relay: Class B (130°C) insulating material; silver alloy contacts
- 120 V $\overline{\sim}$ , 277 V $\overline{\sim}$ , or 347 V $\overline{\sim}$  transformer; 60 Hz; 230 V $\overline{\sim}$  transformer, 50/60 Hz
- 24 V $\overline{=}$  nominal output; 100 mA nominal, full wave rectified and filtered
- Relay contact rating:
  - 20 A: 120/230/277 V $\overline{\sim}$  ballast
  - 15 A: 347 V $\overline{\sim}$  ballast
  - 15 A: 120 V $\overline{\sim}$  incandescent
- Complies with requirements for use in a compartment handling conditioned air (plenum)
- Supports up to 3 devices, including occupant sensors and PP-SH (auxiliary relay) units
- For indoor use only

#### PRE-INSTALLATION

1. For installation by a qualified electrician in accordance with national and local codes and the following instructions.
2. For indoor use only.
3. **CAUTION: RISK OF ELECTRIC SHOCK. Disconnect power before installing. Never wire energized electrical components.**
4. **CAUTION: USE COPPER CONDUCTORS ONLY.**
5. Check to see that the device type and rating is suitable for the application.
6. Do not install if product has any visible damage.
7. If moisture or condensation is evident, allow the product to dry completely before installation.

#### INSTALLATION

- Wire according to appropriate diagram.



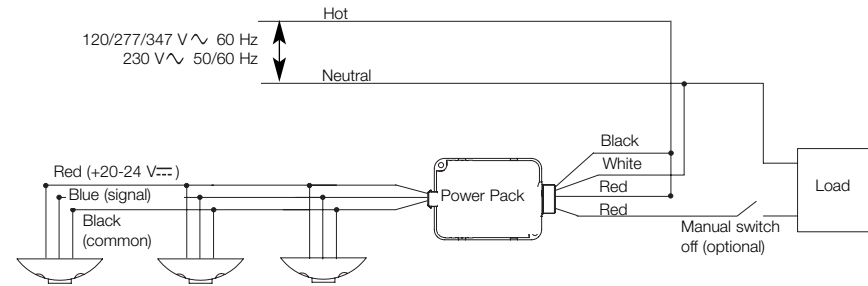
Fits inside junction box or standard fluorescent fixture ballast cavity. Mount with 6/32 x 1.25" pan head screws.

Mounts to standard 4" x 4" junction box through knockout with 1/2" EMT threaded nipple.

Note: Always turn power off and lock out during unit installation. Always install unit in accordance with applicable national and local electrical codes.

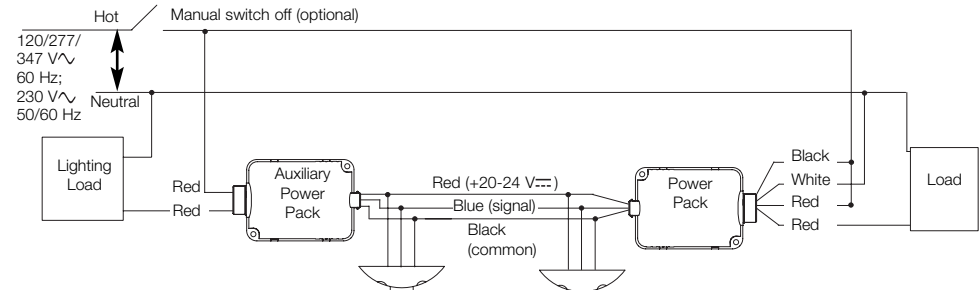
#### WIRING

##### 1 to 3 Sensors with Power Pack



Note: Maximum 3 occupant sensors.

##### Switching Multiple Loads with Auxiliary Power Packs



Note: Maximum of 3 devices total (occupant sensors and auxiliary power packs) can be connected to a power pack.

#### LIMITED WARRANTY

Lutron will, at its option, repair or replace any unit that is defective in materials or manufacture within one year after purchase. For warranty service, return unit to place of purchase or mail to Lutron at 7200 Suter Rd., Coopersburg, PA 18036-1299, postage pre-paid.

*This warranty is in lieu of all other express warranties, and the implied warranty of merchantability is limited to one year from purchase. This warranty does not cover the cost of installation, removal or reinstallation, or damage resulting from misuse, abuse, or improper or incorrect repair, or damage from improper wiring or installation. This warranty does not cover incidental or consequential damages. Lutron's liability on any claim for damages arising out of or in connection with the manufacture, sale, installation, delivery, or use of the unit shall never exceed the purchase price of the unit.*

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Lutron and the sunburst logo are registered trademarks of Lutron Electronics Co., Inc. © 2005.