

PP 20 – SWITCH POWER PACK SINGLE POLE



Power packs are the heart of the low voltage sensor system. A PP20 Series power pack transforms Class I high voltage (120/277 VAC or 347 VAC) to Class 2 15 VDC for powering remote sensors. The PP20 and the SP20 Series slave pack are also capable of switching lighting loads on and off using their internal relays. Class 2 wire leads connect to 18 to 22 AWG low voltage cable running to the sensors, making installation easy and clean. Power packs also have an elongated chase nipple that allows it to be mounted either directly through a $\frac{1}{2}$ inch knockout into a junction box, or inside an adjacent box for meeting specific local code requirements in ceiling plenums.

The most versatile power pack is the PP20, which utilizes a patented relay contact protection and can power up to 14 sensors. Dual-circuit control can be handled by two PP20's, one PP20 2P Series 2-Pole power pack, or a PP20 power pack and a SP20 slave packs.

FEATURES

- Powers Low Voltage Sensors (PP20/PP20 2P only)
- Self-Contained Relay(s) Switch Line Voltage Loads
- Relay Contact Protection
- Plenum Rated

PP-DV – DUAL VOLTAGE POWER PACKS



PP and UPP 1 Series Power Packs provide both the 24 V- power supply to operate Lutron® wired occupancy sensors, as well as the 16 A line-voltage relay to control the load, in one compact housing. The unit can be mounted inside a ballast enclosure or inside / outside a junction box. The manual-ON Power Pack (-DV-M) is used to provide a vacancy-only solution (not configurable for occupancy behavior) when paired with Lutron® wired occupancy sensors. A low-voltage momentary switch should be used to manually turn ON the load while the sensor automatically shuts the load OFF when unoccupied. Pressing the momentary switch can also turn the load OFF. The auxiliary Power Pack (-SH) must be used in conjunction with at least one line-voltage Power Pack and one Lutron wired occupancy sensor to switch additional loads.

Features

- High-impact UL94 flammability-rated plastic case construction
- Relay: Class B 266 °F (130 °C) insulating material; silver alloy contacts
- Power Pack units (PP-DV / UPP-DV, PP-347H, PP-DV-M / UPP-DV-M) power up to 3 total devices. PP-SH / UPP-SH counts as 1 device; each occupancy sensor counts as 1

device.

- For indoor use only, 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing

PP20 2P – SWITCH POWER PACK 2-POLE



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