

## Power Packs and Power Base Adapter

Power packs provide power for occupancy sensors as well as load switching circuitry. A Leviton Power Pack is required with any low voltage occupancy sensor. Add-A-Relay units can be used to expand control capability.

### Features and Benefits

#### OPP20 Super Duty Power Pack

- Robust and reliable mechanically held 20A latching relay provides dependability and robust performance for all load types and provides power savings over electrically held relay power packs
- Industry exclusive fail-safe circuitry — in the event of product failure, Return-to-Closed capability causes relay to default to a closed position (ON) for safe operation and alleviates safety concerns
- Industry exclusive H.I.S. (High Inrush Stability) circuit designed to handle high inrush electronic ballast loads
- Switching control of LED drivers
- Submitted and passed for stringent testing
  - Tested over 1,500,000 loaded cycles
  - Passed NEMA 410 testing for electronic ballast current overload at 16A
  - Meets energy code requirements for Title 24
  - Meets energy code requirements for ASHRAE Standard 90.1 2010
  - UL/cUL 916 Listed for Energy Management Equipment
- Multiple compliance and regulatory UL and CSA testing — consult factory for details
- Output short circuit protection
- Optimal installation flexibility
  - Class 2 wires are Teflon coated for UL 2043 Plenum Rated applications
  - Mounts inside or outside fluorescent ballast cavity
  - Mounts inside or outside junction box

#### OPP20-0D2

- Exclusive self-detect configurable local switch input — momentary or maintained
- Configurable for Auto-ON and Manual-ON occupancy sensor inputs
- Meets energy code requirements for CA Title 24 2013

#### OPP20-RD3

- Auto-ON occupancy sensor input
- Photocell (switching only) ready

#### OPP20-RD4

- Exclusive self-detect configurable local switch input — momentary or maintained
- Configurable for Auto-ON and Manual-ON occupancy sensor inputs
- Photocell (switching only) ready
- Meets energy code requirements for CA Title 24 2013

#### OSP20-RDH Power Pack

- Auto-ON and manual-ON inputs for occupancy sensors (OSP20-RDH)
- Hold-ON and Hold-OFF capabilities (OSP20-RDH)
- Switches incandescent, magnetic and electronic fluorescent, magnetic and electronic low voltage, and motor loads
- Compact size and light weight allows easy mounting through knockout in junction box (from either inside or outside the box) with a simple twist-on nut

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## SENSING CONTROL | Power Packs and Power Base Adaptor

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### Commercial Grade Occupancy Sensor Power Packs

#### Occupancy Sensor Power Packs

| Description  | Cat. No.  | Power Input*            | Relay Rating  | Control Input | Power Supply Output |
|--|-----------|-------------------------|---|---------------|---------------------|
| Power Pack with HVAC Relay with Auto-ON and Manual-ON Inputs for Occupancy Sensors | OSP20-RDH | 120-230-277VAC, 50/60Hz | 20A Incandescent @ 120V.<br>20A Fluorescent @ 120-230-277/347VAC.<br>1/2HP @ 120V, 2HP @ 240-277V.<br>HVAC: 0.5A @ 120VAC, 1A @ 30VDC | 5mA, 24VDC    | 225mA, 24VDC        |
| Power Pack with HVAC Relay   | OSP15-R30 | 347VAC, 60Hz            | 15A Fluorescent @ 347V.<br>1HP @ 120V, 2HP @ 240V.<br>HVAC: 0.5A @ 120VAC, 1A @ 30V DC  |               | 120mA, 24VDC        |
| Add-A-Relay Unit with HVAC Relay   | OSA20-R00 | —                       | 15A Incandescent @ 120V.<br>HVAC: 0.5A @ 125VAC, 1A @ 30VDC   |               | —                   |

\*Consult with factory for 208, 220, and 240V models

Note: For use with the following Low Voltage Switches:

- 56081-02I/W Low Voltage Momentary Contact Decora® Rocker Switch
- 12021-02I /W Low Voltage Standard Toggle Switch
- 56021-02I /W Low Voltage Decora® Rocker Switch



OSP20

#### SPOTLIGHT

#### Leviton Energy Code Apps

ASHRAE 90.1 and Title 24 apps, gain easy access to a wealth of the lighting control code requirements on your mobile device. These valuable reference tools allow you to search by application, article language and recommended Leviton solutions. Get inspiration for designing energy code compliant applications by viewing diagrams and summaries of the requirements met for recommended solutions. Go to [leviton.com/apps](http://leviton.com/apps) for more information.



Title 24



ASHRAE