

## 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
- Submitted and passed for stringent testing
  - Tested over 1,500,000 loaded cycles
  - Passed NEMA 410 testing for electronic ballast current overload at 16A
  - 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 UL2043 Plenum Rated applications
  - Mounts inside or outside fluorescent ballast cavity
  - Mounts inside or outside junction box

#### OPP20-0D1

- Auto-ON occupancy sensor input

#### OPP20-0D2

- Exclusive self-detect configurable local switch input - momentary or maintained
- Configurable for Auto-ON and Manual-ON occupancy sensor inputs
- Complies with CA Title 24

#### 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
- Complies with CA Title 24

#### OSP20 Power Pack

- For use with all OS Series occupancy sensors, as power supply
- 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

Continued on next page

**SENSING CONTROL** | Power Packs and Power Base Adapter

Continued from previous page

**Power Packs and Power Base Adapter**

**Features and Benefits**

**Add-A-Relay**

- Expands power pack load capacity by functioning as a supplementary relay
- Provides ability to switch loads in different voltage systems
- Compatible with electronic ballasts
- Same compact size and mounting features as Power Pack
- Zero-crossing switching circuitry for outstanding durability

**Nipple Adapter**

- Simplifies the connection of occupancy sensor to the low-voltage side of a power pack mounted inside a fluorescent ballast cavity
- 1/2" conduit lock nut included

**Commercial Grade Occupancy Sensor Power Packs**

Occupancy Sensor Power Packs					
Description	Cat. No.	Power Input*	Relay Rating	Control Input	Power Supply Output
Super Duty Power Pack, Basic with Auto-ON	OPP20-0D1	120-230-277V AC, 50/60 Hz	20A, 2400W @ 120V — Incandescent	2mA, 24VDC	225mA, 24VDC, 5.4W
Super Duty Power Pack with Auto-ON, Manual-ON, and Local Switch Inputs, CA Title 24	OPP20-0D2		20A, 2400VA @ 120V — Fluorescent		
Super Duty Power Pack with Auto-ON and Photocell Input	OPP20-RD3		20A, 5540VA @ 277V — Fluorescent		
Super Duty Power Pack with Auto-ON, Manual-ON, Switch, and Photocell Input, CA Title 24	OPP20-RD4		16A, 4430VA @ 277V — Electronic Ballasts 1/2 HP @ 120V — Motor Load 2 HP @ 240/277V — Motor Load		

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

Continued on next page



OPP20