

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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Power Packs and Power Base Adaptor

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 Adaptor

- 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 with Auto-ON, Manual-ON, and Local Switch Inputs, CA Title 24	OPP20-0D2	120-230-277VAC, 50/60 Hz	20A, 2400W @ 120V — Resistive 20A, 2400W @ 120V — General Purpose 20A, 2400W @ 120V — Incandescent 20A, 2400W @ 120V — LED Fluorescent	2mA, 24VDC	225mA, 24VDC
Super Duty Power Pack with Auto-ON and Photocell Input	OPP20-RD3		20A, 5540W @ 277V — Resistive 20A, 5540W @ 277V — General Purpose 20A, 5540VA @ 277V — LED Fluorescent 16A, 4430VA @ 277V — Electronic Ballasts 1/2 HP @ 120V — Motor Load 2 HP @ 240/277V — Motor Load		
Super Duty Power Pack with Auto-ON, Manual-ON, Switch, and Photocell Input, CA Title 24. Suitable for general purpose plug load control.	OPP20-RD4				

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

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OPP20