

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. 20A Fluorescent @ 120-230-277/347VAC. 1/2HP @ 120V, 2HP @ 240-277V. HVAC: 0.5A @ 120VAC, 1A @ 30VDC | 5mA, 24VDC | 225mA, 24VDC |
| Power Pack with HVAC Relay | OSP15-R30 | 347VAC, 60Hz | 15A Fluorescent @ 347V. 1HP @ 120V, 2HP @ 240V. HVAC: 0.5A @ 120VAC, 1A @ 30V DC | | 120mA, 24VDC |
| Add-A-Relay Unit with HVAC Relay | OSA20-R00 | — | 15A Incandescent @ 120V. 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 for more information.



Title 24



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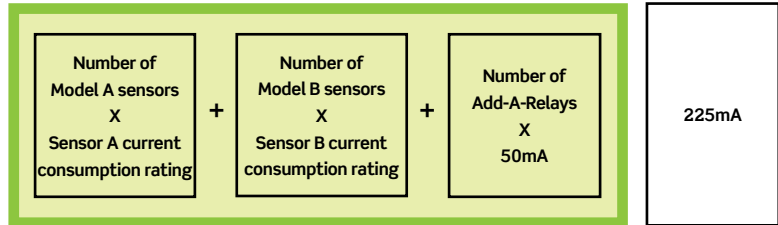
SENSING CONTROL | Power Packs and Power Base Adaptor

Power Packs and Power Base Adaptor and Accessories

Power Pack Capacity Formula

Leviton power packs can be used to provide power to one or more occupancy sensors. Since current consumptions of occupancy sensors may vary, the best way to ensure you order the correct number of power packs and Add-A-Relays is by using this formula:

| Sensor | Current Consumption |
|------------------------------------------------|---------------------|
| OSC04-I, OSC15-I, OSWHB-I, OSWLR-I, OSWVW-I | 10-15mA |
| OSC05-M, OSC05-U, OSW12-M | 25mA |
| OSC10-M, OSC10-U | 30mA |
| OSC20-M, OSC20-U | 40mA |
| OSA20-R00 Add-A-Relay | 50mA |



Self-Contained Power Base Adaptor

Converts any Leviton low voltage ceiling or wall mount occupancy sensor to a self-contained, line voltage unit with 15A, 120/277V load capacity.

Features and Benefits

- Patent-pending design converts Leviton low voltage ceiling sensors to line voltage
- Ideal for both existing buildings with limited access to low-voltage wiring and new construction with line-voltage circuiting only
- Mounts easily in standard 2 1/8" deep x 4" octagon or 2 1/8" deep x 4" square electrical box with a 2-gang mud ring; flying leads provide fast line voltage connections
- Two-piece terminal block provides fast, easy low-voltage connections to the sensor
- Relay uses zero-crossing circuitry for enhanced reliability and long-life operation

Power Base Adaptor*

| Description | Cat. No. | Power Input/Output | Rating | Color |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|
| Power Base Adaptor — Converts select Leviton low-voltage ceiling or wall mount occupancy sensor models to a self-contained line voltage unit | OPB15-0DW | Power Input: 120-230-277VAC, 50/60Hz Control Input: 24VDC, 5mA Power Output: 120VAC @ 15A Incandescent; 277VAC @ 15A Fluorescent; Motor: 120VAC 3/4HP, 277VAC 2HP Control Output: 24VDC, 40mA | 15A | Off-White |
| Cosmetic Adaptor | OPBCA-00W | — | — | Off-White |

Agency Listings & Code Compliance: NOM Certified.
*Available in Off-White only.
Consult with factory for 208, 220, 230 and 240V models.
Note: Converts OSCxx-I, OSCxx-M and OSCxx-U. Does not convert OSCxx-R



OPB15-0DW (Occupancy Sensor not included)