

Power Base Adaptor



Convert any Leviton low-voltage sensor to line voltage.

PROBLEM:

Hard ceilings with limited access for low-voltage wiring installations

SOLUTION:

Leviton's Power Base Adaptor

DESCRIPTION

Leviton's OPB15-oDW is a self-contained transformer and relay adaptor with a patent-pending technology that converts any Leviton low-voltage ceiling or wall sensor to line voltage. The OPB15-oDW conveniently mounts to a standard 2.125" deep x 4" octagon, 2.125" deep x 4" square electrical box with mud ring, or to 4" surface mount wire raceway boxes. It provides wire leads for simple connection to a line-voltage circuit and a two-part terminal block for fast, easy low-voltage connections to the sensor. The Power Base Adaptor is ideal for both existing buildings with limited access to wiring and new construction with line-voltage circuiting only.

The OPB15-oDW offers the same performance features as Leviton's OSP Power Pack Series. By providing the flexibility to install Leviton's full line of low-voltage sensors in any application, the Power Base Adaptor is a "problem solver" that increases the versatility of Leviton's low-voltage ceiling occupancy sensors.

Use the OPBCA Cosmetic Adaptor for surface mount wire raceway boxes or to cover any wall-board cuts for a professional finish to all projects.

APPLICATIONS

- Lavatories
- Remodels in hard ceiling spaces
- Energy conservation retrofits
- Any installation with limited access for low-voltage wiring installation
- Surface mount boxes

FEATURES & BENEFITS

- Ability to convert Leviton low-voltage ceiling sensors to line-voltage offers greater versatility in any application
- Streamlined installation offers customers an immediate energy-management solution
- Mounts easily in electrical box and provides leads for simple line voltage connection
- Two-piece terminal block provides fast, easy low-voltage connections to the sensor
- Zero-crossing circuitry for enhanced reliability and long-life operation
- Patented

SPECIFICATIONS

ELECTRICAL	
Input Voltage	120-277 VAC @ 50/60Hz
Output Voltage	24 VDC, 40mA nominal, full-wave rectified and filtered, unregulated.(Each Leviton sensor contains an internal voltage regulator.)
Load Rating	15A Incandescent, Electronic or Magnetic Fluorescent Ballast; 3/4 HP at 120V
Wire Designation	Line-Black, Load-Blue, White-Neutral
Power Consumption (base only)	Lights On: 120V - 1.58W, 277V - 2.34W Lights Off: 120V - .27W, 277V - 1.04W
ENVIRONMENTAL	
Operating Temperature Range	0°C to 40°C (32°F to 104°F)
Storage Temperature Range	-10°C to 85°C (14°F to 185°F)
Relative Humidity	0% to 90% non-condensing
PHYSICAL	
Case	High impact plastic
Relay	Class B (130°C) insulating material. Silver alloy contacts switching power supply — 120/230/277 VAC
Wire	6" leads 14 AWG input, two-part terminal block output
Size	4.5" dia. x 1.75" deep
Color	White

AGENCY STANDARDS AND COMPLIANCE

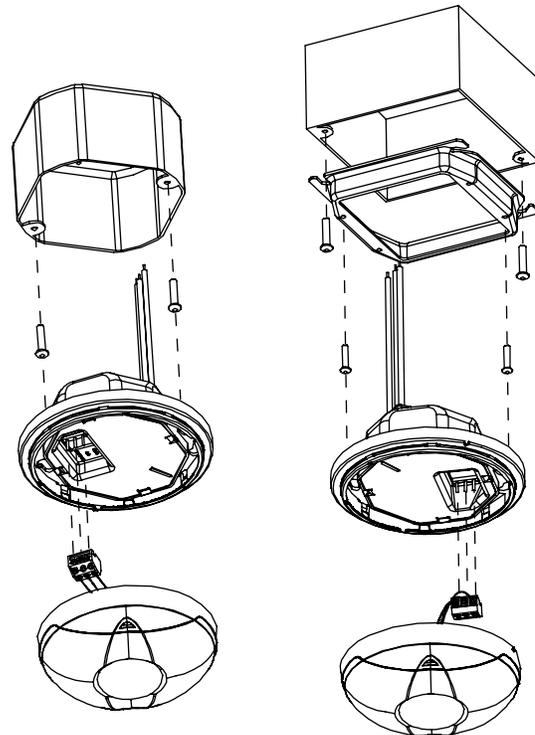
OPB15-oDW
UL and cUL Listed
NOM
CEC Title 24
Backed by Limited Five-Year Warranty

ORDERING INFORMATION

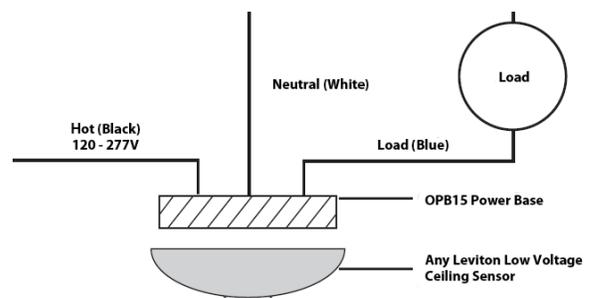
CAT. NO.	DESCRIPTION	COLOR
OPB15-oDW	Occupancy Sensor Power Base Adaptor	White
OPBCA-ooW	Power Base Cosmetic Adaptor Plate	White

INSTALLATION AND WIRING

Connect and mount the OPB15 to the electrical box. Using the terminal block, connect the low voltage sensor. Match the arrows on the sensor to the base and twist to lock. Test the sensor for correct operation.



WIRING DIAGRAM



OPB15 Power Base Adaptor

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