ODS0D-IDI

Color: Ivory

UPC Code: 07847795409

ODS0D-IDI

Brand Features

The ODS0D uses passive infrared (PIR) technology to monitor a room for occupancy through a segmented Fresnel lens. This specialized lens divides the field-of-view into sensor zones. When a person passes into or out of a sensor zone, the sensor detects motion and switches two separate lighting loads ON. The lights will remain ON as long as there is an occupant moving through the sensor zones.

Item Description

Product Line: ODS0D, Technology: Passive Infrared, Switch Type: Single-Pole, Dual Relay, Mounting: Wall Switch, Device Type: Occupancy Sensor, Coverage (Sq.Ft.): 2100 Sq. Ft., Pattern: 180°, Color: Ivory, Neutral Wire Connection: Not Required, Warranty: 5-Year Limited

Technical Information

Product Features

Power Pack: External Power Pack Not Required

Relative Humidity: 20% to 90% non-condensing

Size: 4.06" H x 1.75" W x 1.85" D (103.2mm x 44.4mm x 47.2mm)

Number of Relays: 2

Coverage (Sq.Ft.): 2100 Sq. Ft.

Technology: Passive Infrared

Voltage: 120/277 Volt AC 60Hz

Storage Temperature Range: -10°C to 85°C

Time Delay: 30s-30m

Photocell: Internal

Code Compliance: California Title 24

HVAC Relay: N/A

Pattern: 180°

Operating Temperature: 0°C to 50°C

Warranty: 5-Year Limited

Adjustment: Self-Adjusting

Color: Ivory

LED Color: Red

Switch Type: Single-Pole, Dual Relay

Device Type: Occupancy Sensor

Grade: Commercial

Mounting Height (Ft.): 4 Ft.

Neutral Wire Connection: Not Required

Mounting: Wall Switch

Wallplate: Order Separately

Load Rating: 800W@120V INC 1200VA@120V 2700VA@277V FL

Secondary Relay: 800W@120V INC 800VA@120V 1200VA@277V FL

Consumption (mA): N/A

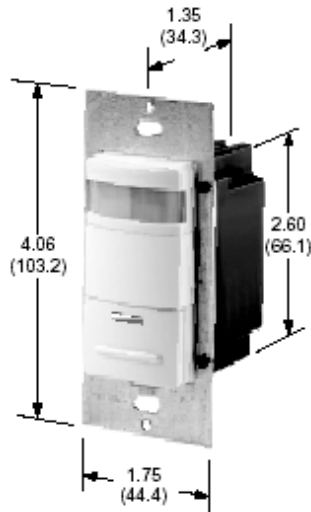**Standards and Certifications:** UL/cUL

Product Line: ODS0D

Features and Benefits

- Provides automatic switching for two separate banks of fluorescent, incandescent, or low-voltage lighting from a single unit.
- Convenient dual pushbuttons provide manual-ON/OFF light switching of each load at any time.
- ODSOD-ID Conference Room Mode—primary and secondary relays switch lighting to last ON/OFF status when personnel enter room, providing a consistent lighting level from one occupancy period to the next. Both relays respond to Ambient Light Override, preventing lights from turning ON automatically during periods of ample natural light, for increased energy savings.
- ODS0D-ID Classroom Mode—both primary and secondary relays always switch lighting ON when personnel enter room, regardless of their ON/OFF status during last period of occupancy. Secondary relay only responds to Ambient Light Override—primary does not, ensuring that students and personnel never enter a darkened room.
- Presentation Mode feature for slide or film presentations allows push buttons to turn lights OFF and keep them OFF while the room is occupied.
- Auto adapting delayed-OFF time interval compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching.
- Exclusive Walk-Through feature provides increased energy savings by not leaving the lights ON for an extended period after only momentary occupancy.
- Non-Adaptive Mode disables Self-Adjusting Delayed-OFF Time and Walk-Through feature in applications where these features are not desired.
- Daylight harvesting light sensor measures the ambient light in the room when it first detects motion. It leaves the lights OFF if there is enough light in the room or turns the lights connected to the first relay ON if there is not enough light in the room.
- Low-profile design eliminates obtrusive "scanning-device" look. Elegant Decora wallplates complement any interior for sleek aesthetics; uses Decora wallplates and coordinates with Leviton's popular line of Decora wiring devices.
- 180° field-of-view provides approximately 2100 square feet of coverage, suitable for a variety of commercial areas.
- Segmented Fresnel lens provides optimum sensitivity and performance. Designed with an extensive "minor motion" area where even slight body movements will be detected.
- Horizontal field-of-view may be adjusted between 180° and 60° arc by using integral blinders located on either side of the lens. No mask-ing tape required.
- Time delay adjustment for delayed-OFF time settings of 30 seconds, 5, 10, and 30 minutes. Allows customized adjustments to maximize energy savings.
- Vandal resistant PIR lens.
- False detection circuitry.
- Light Sensor adjustable Ambient Light Override ranges from approximately 2FC (20 LUX) to 500+FC (5000+ LUX).
- Manual-ON/auto-OFF mode for installations where manual-ON switching is

required but auto-OFF switching is still desired for CEC Title T24 energy savings.

- To comply with CEC Title 24, red LED indicator light flashes when PIR sensor detects motion to verify detection is active.
- Beep warn - unit beeps 3 times after delayed-OFF time expires, then waits 10 seconds before turning lights OFF.
- One unit can be used for 120V through 277V lighting. Compatible with both electronic and magnetic ballasts.
- Primary relay switches at the zero crossing point of the AC power curve to ensure longer contact life and compatibility with electronic ballasts.
- Unit fits in standard single-gang wallbox and replaces two single-pole wall switches; ground connection required. Gangable with other devices.
- Exclusive Leviton H.I.S. Circuitry. Specifically designed to handle today's high inrush electronic ballast loads and offer unmatched durability and service.

SPECIFICATION SUBMITTAL

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JOB NUMBER:		

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