



UPC Code: 078477403150

Country Of Origin: Mexico

OSSMD-GDG

Dual relay multi-tech wall box occupancy sensor w/no neutral wire, 120/208/220/230/240/277v, 50/60Hz, CEC Title 20/24 Compliant, 30s-30m Time Delay, Ambient Light Override, Self Adjusting, Field Configurable, NAFTA Compliant. Color: Gray

The OSSMD provides automatic lighting control for two separate loads from a single unit. It is compatible with incandescent, fluorescent, low-voltage lighting, and fan loads. The unit features dual manual-override switches that can be used to toggle the ON/OFF status of each lighting load while an area is occupied. The OSSMD can be installed in place of two single-pole wall switches and fits in a standard single-gang wall box.

Technical Information

Mechanical Specifications

Adjustment: Self-Adjusting

Code Compliance: California Title 24

Color: Grey

Consumption (mA): N/A

Coverage (Sq.Ft.): 2400

Device Type: Occupancy Sensor

Grade: Commercial

HVAC Relay: N/A

LED Color: Green and Red

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

Motor: 1/4 HP @ 120V

Mounting: Wall Switch

Mounting Height (Ft.): 4 Ft.

Neutral Wire Connection: Not Required

Number of Relays: 2

Operating Temperature: 0°C to 50°C

Pattern: 180°

Photocell: Internal

Power Pack: External Power Pack Not Required

Product Line: OSSMD

Relative Humidity: 20% to 90% non-condensing

Relay Type: Dual Relay

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

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

Standards and Certifications: ETL/C-ETL

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

Switch Type: Single-Pole, Dual Relay

Technology: Multi-Technology
PIR/Ultrasonic

Time Delay: 30s-30m

Voltage: 120/277 VAC

Wallplate: Order Separately

Warranty: 5-Year Limited

Standards and Certifications

NAFTA Compliant: Yes

Title 24 Compliant: Yes

Electrical Specifications

Frequency: 50/60Hz

Voltage: 120/277 VAC

Product Features

Color: Grey

Coverage (Sq.Ft.): 2400

Product Line: OSSMD

Sensor Type: Wall Switch

Technology: Multi-Technology
PIR/Ultrasonic

Features and Benefits

- Provides automatic lighting control for two separate banks of fluorescent, incandescent, or low-voltage lighting from a single unit.
- The second relay is a manual-ON only with a maximum 30 minute time-out for maximum energy savings to comply with CEC Title 24.
- Fits in a standard single-gang wall box and replaces two single-pole wall-switches for fast and easy installation; neutral and ground connection required

for OSSMD-MD. OSSMD-GD does not require a neutral for installation.

- 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 2400 square feet of coverage, suitable for a variety of commercial areas.
- Convenient pushbuttons provide manual-ON/OFF light switching of each load at any time.
- Segmented Fresnel lens provides optimum sensitivity and performance. Designed with an extensive "minor motion" area where even slight body movements will be detected.
- Vandal resistant PIR lens.
- Adjustable horizontal field-of-view (PIR) may be adjusted between 180° and 60° of arc by using integral blinders located on either side of the lens. No masking tape required.
- Manual-ON/auto-OFF mode for installations where manual-ON switching is required but auto-OFF switching is still desired for CEC Title 24 energy savings.
- To comply with CEC Title 24, LED indicator light flashes when sensor detects motion to verify detection is active. Green flashes for ultrasonic, red flashes for PIR.
- Time delay adjustment for delayed-OFF time settings of 30 seconds (for walking test), 10 minutes, 20 minutes, and 30 minutes. Allows customized adjustments to maximize energy savings.
- Light sensor measures the ambient light in the room when it first detects motion and leaves the lights OFF (hold-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.
- Self-Adaptive technology eliminates callbacks for adjustments. Time delay and sensitivity settings are continually adjusted to occupant patterns of use in auto adapt mode.
- 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 feature are not desired. Optional manual adjustment for delayed-OFF time settings allows customized adjustments to maximize energy savings.
- Vacancy confirmation; when the time out expires and the relay turns OFF, a 30-second vacancy confirmation exists to turn the relays back ON.
- False detection circuitry.
- U/S technology provides excellent minor motion sensitivity.
- Ability to disable PIR or U/S for added flexibility.
- Presentation Mode feature for slide or film presentations allows pushbuttons to turn lights OFF and keep them OFF while the room is occupied.
- Exclusive Leviton High Inrush Stability (H.I.S.) Circuitry. Specifically designed to

handle today's high inrush electronic ballast loads and offer unmatched durability and service.

- One unit can be used for 120V through 277V lighting. Compatible with both electronic and magnetic ballasts.
- True zero-cross relay switches at the zero crossing point of the AC power curve to ensure maximum contactor life and compatibility with electronic ballasts.

Patents*

MX303643

US8502660

US8115626

*This list is provided for patent marking purposes only. A good faith effort is made to maintain the accuracy and completeness of this list. No legal inference should be drawn from the omission of a patent from this list.

SPECIFICATION SUBMITTAL

JOB NAME: <input type="text"/>	CATALOG NUMBERS: <input type="text"/>	<input type="text"/>
JOB NUMBER: <input type="text"/>	<input type="text"/>	<input type="text"/>

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