OSSMD-FTA

Brand Features

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.

Item Description

Discontinued Product. Product Line: OSSMD, Technology: Multi-Technology PIR/Ultrasonic, Switch Type: Single-Pole, Dual Relay, Fan Model, Mounting: Wall Switch, Device Type: Occupancy Sensor, Coverage (Sq.Ft.): 2400 Sq. Ft., Pattern: 180°, Color: Almond, Warranty: 5-Year Limited

Technical Information

Product Features

Product Line: OSSMD
Technology: Multi-Technology PIR/Ultrasonic
Switch Type: Single-Pole, Dual Relay, Fan Model
Mounting: Wall Switch
Device Type: Occupancy Sensor
Grade: Commercial
Coverage (Sq.Ft.): 2400 Sq. Ft.
Pattern: 180°
Mounting Height (Ft.): 4 Ft.
Adjustment: Self-Adjusting
Time Delay: 30s-30m
Voltage: 120/277 Volt AC 60Hz
Number of Relays: 2
Load Rating: 800W@120V INC 1200VA@120V 2700VA@277V FL
Secondary Relay: 800W@120V INC 800VA@120V 1200VA@277V FL
Motor: 1/4 HP @ 120V
Power Pack: External Power Pack Not Required
Consumption (mA): N/A
Photocell: Internal
HVAC Relay: N/A
Operating Temperature: 0°C to 50°C
Storage Temperature Range: -10°C to 85°C
Relative Humidity: 20% to 90% non-condensing
Neutral Wire Connection: Required
Color: Almond
LED Color: Green and Red
Wallplate: Order Separately
Standards and Certifications: ETL/C-ETL
Code Compliance: California Title 24
Size: 4.06" H x 1.75" W x 1.85" D (103.2mm x 44.4mm x 47.2mm)
Warranty: 5-Year Limited

Color: Almond

UPC Code: 07847740301

Country Of Origin: Mexico

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.
- The OSSMD-FT is intended to control a light circuit and a fan. The button on the sensor provides ON control for both circuits and OFF for lighting circuits only. The sensor will automatically turn ON both when occupancy is detected. When no movement is detected, the primary relay will turn OFF after the delay OFF time expires. The fan will remain ON to clear the airspace for an additional 10 minutes after the time-out or button press.
- 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 and OSSMD-FT. 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 applica-tions 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.

SPECIFICATION SUBMITTAL

JOB NAME:		CATALOG NUMBERS:		
JOB NUMBER:				

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