



**UPC Code :** 078477407004

**Country Of Origin :** Mexico

## OSSMT-GDT

Multi-Tech wall box occupancy sensor w/no neutral wire lighting control, 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: Light Almond

Leviton's OSSMT Multi-Technology (Dual Technology) Decora Wall Switch Occupancy Sensor is used to provide automatic light-ing control for energy savings and convenience in a variety of commercial applications.

### Technical Information

#### Product Features

**Adjustment :** Self-Adjusting  
**Code Compliance :** California Title 24  
**Color :** Light Almond  
**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  
**Operating Temperature :** 0C to 50C  
**Pattern :** 180°  
**Photocell :** Internal  
**Power Pack :** External Power Pack Not Required

#### Product Line : OSSMT

**Relative Humidity :** 20% to 90% non-condensing  
**Sensor Type :** Wall Switch  
**Size :** 4.06" H x 1.75" W x 1.85" D  
 (103.2mm x 44.4mm x 47.2mm)  
**Standards and Certifications :** UL/cUL  
**Storage Temperature Range :** -10°C to 85°C  
**Switch Type :** Single-Pole  
**Technology :** Multi-Technology  
 PIR/Ultrasonic  
**Time Delay :** 30s-30m  
**Voltage :** 120/277 VAC  
**Wallplate :** Order Separately  
**Warranty :** 5-Year Limited

#### Mechanical Specifications

**Neutral Wire Connection :** Not Required  
**Switch Type :** Single-Pole

#### Standards and Certifications

**NAFTA Compliant :** Yes  
**Title 24 Compliant :** Yes

#### Electrical Specifications

**Frequency :** 50/60Hz  
**Voltage :** 120/277 VAC

### Features and Benefits

- Fast, simple Installation: Fits in a standard wall box and replaces a single-pole wall-switch; neutral and no neutral options available. Sensor can be ganged together with other units in a multiple-switch wall plate.
- 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.
- Convenient Pushbutton provides manual-ON/OFF light switching 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 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 CED Title 24, LED indicator light flashes when sensor detects motion to verify detection is active. Green flashes for ultrasonic, red flashes for PIR.
- Time: The delayed OFF time is preset at 30 minutes in the Auto Adapting mode. A choice of four delayed-OFF time settings are available: 30-seconds (for walking test purposes only), 10, 20, and 30 minutes for fixed time and auto adapting. The LED will flash when the adjusting knob is set to the indicated time value.
- Ambient Light Recognition: Integrated light sensor prevents lights from turning on when the room is adequately illuminated by natural light.
- Self-Adaptive Technology: Callbacks for adjustment are eliminated. 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.
- Vacancy Confirmation: When the time out expires and the relays turn OFF, a 30 second (OSSMT-G) or 40 second (OSSMT-M) vacancy confirmation exists to turn the relays back on.
- False detection circuitry.
- Small Motion Sensitivity (U/S): Ultrasonic technology provides excellent minor motion sensitivity.
- Ability to disable U/S (OSSMT-M). For added flexibility, OSSMT-G has the ability to disable both PIR and U/S.
- 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 H.I.S. Circuitry. Specifically designed to handle today's high inrush electronic ballast loads and offer unmatched durability and service.
- 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.

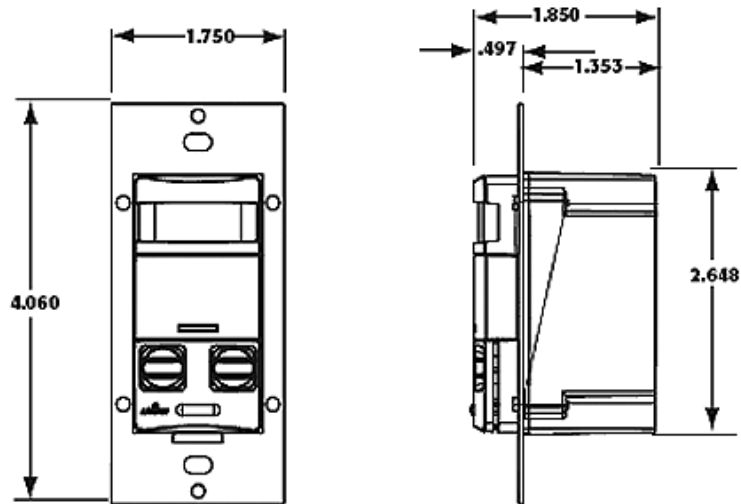
#### **Patents\***

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

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#### Leviton Manufacturing Co., Inc.

201 North Service Road, Melville, NY 11747

Telephone: +1-800-323-8920 · FAX: +1-800-832-9538 · Tech Line (8:30AM-7:30PM E.S.T. Monday-Friday):

+1-800-824-3005

#### Leviton Manufacturing of Canada, Ltd.

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 · Telephone: +1-800-469-7890 ·

FAX: +1-800-824-3005 · [www.leviton.com/canada](http://www.leviton.com/canada)

#### Leviton S. de R.L. de C.V.

Lago Tana 43, Mexico DF, Mexico CP 11290 · Tel.: (+52)55-5082-1040 · FAX: (+52)5386-

1797 · [www.leviton.com.mx](http://www.leviton.com.mx)

Visit our Website at: [www.leviton.com](http://www.leviton.com)

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