OSSNL-IAI

PIR Decora wall switch occupancy sensor with Nightlight; AutoON; Time Delay 30s-2h; 180 degree view; 120/208/220/230/240/277v; 50/60Hz, Made in USA; Color: Ivory

The passive infrared (PIR) sensor detects motion from a heat-emitting source within its field-of-view to automatically switch lights ON and OFF, offering the same performance features as the ODS family of occupancy sensors. OSSNL has the ability to reduce (dim) and turn off the "Guide Light" function with a simple dial setting. The LED NightLight consumes less than 1/2 W providing energy savings and guide lighting when room lights are off.

UPC Code : 078477508992

Country Of Origin : United States

Technical Information

Mechanical Specifications
Adjustment : Manual
Color : Ivory
Consumption (mA) : N/A
Coverage (Sq.Ft.) : 1200
Device Type : Occupancy Sensor
Domestic Content : Made in USA
HVAC Relay : N/A
LED Color : Red
Load Rating : 800W@120V INC 1200VA@120V 2700VA@277V FL
Motor : 1/8 HP @ 120V
Mounting : Wall Switch
Mounting Height (Ft.) : 4 Ft.
Neutral Wire Connection : Required
Operating Temperature : 0°C to 40°C
Pattern : 180°
Photocell : Internal
Power Pack : External Power Pack Not Required
Product Line : OSSNL
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)
Standards and Certifications : UL/cUL
Storage Temperature Range : -10°C to 85°C
Switch Type : Single-Pole, LED Nightlight
Technology : Passive Infrared
Time Delay : 30s-2h
Voltage : 120/277 VAC
Wallplate : Order Separately
Warranty : 5-Year Limited

Product Features
Color : Ivory
Coverage (Sq.Ft.) : 1200
Made in USA : Yes
Product Line : OSSNL
Sensor Type : Wall Switch
Technology : Passive Infrared

Electrical Specifications
Frequency : 50/60Hz
Voltage : 120/277 VAC

Standards and Certifications
NAFTA Compliant : Yes
Title 24 Compliant : Yes

Features and Benefits

- To comply with T24, red LED indicator light flashes when sensor detects motion to verify detection is active.
- 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 Adjustable Ambient Light Override ranges from approximately 2 foot-candles (20 lux) to 500+ foot-candles (5000+ lux) to prevent lights from turning ON automatically during periods of ample natural light, increasing energy savings.
- Light sensor enables the load hold-OFF feature once level has been set.
- Vacancy confirmation - when the time out expires and the relays turn OFF, a 30

second vacancy confirmation exists to turn the relays back ON.

- False detection circuitry.
- Presentation Mode feature for slide or film presentations allows push buttons to turn lights OFF and keep them OFF while the room is occupied.
- LED NightLight offers "Guide Light" functionality.
- Adjustable NightLight illumination setting for continuous or dimmed NightLight.
- NightLight Mode - the factory default setting for the NightLight Mode is Dimmed Mode. This means the NightLight will automatically dim to 5% of full bright-ness after 2 minutes of no occupancy when activated by the internal light sensor.
- One unit can be used for 120V through 277V lighting. Compatible with both electronic and magnetic ballasts.
- Relay switches at the zero crossing point of the AC power curve to ensure maximum contact life and compatibility with electronic ballasts.
- Exclusive Levition H.I.S. Circuitry. Specifically designed to handle today's high inrush electronic ballast loads and offer unmatched durability and service.

SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
JOB NUMBER:		

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ISO 9001 REGISTERED Quality Manufacturer