

IOS-DOV-DT

Dual Technology Occupancy/Vacancy Sensor Switch

The IOS-DOV-DT Dual Technology Occupancy/Vacancy Sensor switch can be used as a replacement to a standard wall switch to automatically turn load ON when either body heat or sound in the control area is detected and turns load OFF when the presence is no longer detected.

Features

- Ultrasonic and PIR sensing improves presence detection while avoiding false triggers, even in the case of areas with partitions and/or small movements
- Zero-crossing technology for long life and performance
- Adjustable time delay and optional walk-through detection mode
- Adjustable ambient light sensor override
- Requires neutral connection
- Limited 2-year warranty

Ratings

Voltage:	120/277 VAC, 50/60 Hz
Incandescent:	800 W, 120 VAC, 50/60 Hz
Electronic Ballast:	5 A, 120/277 VAC, 50/60 Hz
Motor:	¼ HP, 120 VAC, 50/60 Hz
Adjustable Ambient Light Level:	10 fc to Daylight
Selectable Time Delay:	15 sec to 30 min (DIP Switch)
Walk Through Mode:	3 min if no activity after 30 sec
Test Mode:	15 sec upon initial power-up
PIR Sensitivity Adjustment:	50% or 100% (DIP Switch)
Ultrasonic Sensitivity Adjustment:	30% to 100%
Coverage - PIR:	Up to 1200 ft ²
Ultrasonic:	Up to 400 ft ²
Temperature Range:	32° F to 122° F (0° C to 50° C)
Dimensions:	1.75" L x 1.31" W x 2.63" H

Project: _____

Location: _____

Product Type: _____

Contact/Phone: _____

Model #: _____



Specification

The commercial grade, decorator, single load PIR/Ultrasonic wall mount sensor 120/277 VAC switch shall be compatible with incandescent/fluorescent/CFL and LED loads and shall be capable of detecting presence and sound in the control area. The sensor shall utilize zero-crossing circuitry to reduce stress on the relay and increase sensor life. The sensor shall have no minimum load requirement and shall be capable of switching from 800 W, 120 VAC, 50/60 Hz incandescent, 5 A, 120/277 VAC, 50/60 Hz electronic ballast, or 1/4 HP, 120 VAC, 50/60 Hz motor. The sensor shall cover up to 1200 ft² PIR and up to 400 ft² Ultrasonic, with a field view of 180 degrees. The sensor has a time delay range of 15 seconds to 30 minutes. In Vacancy mode the sensor shall have a Manual turn ON only and automatic OFF after set time delay. In Occupancy Mode, the sensor shall automatic turn ON and automatic turn OFF after set time delay. The sensor shall have an LED indicator to verify detection within the control area. The sensor shall utilize an Ambient Light Sensor in order to prevent the wall sensor from switching lights ON when sunlight is present, regardless of occupancy. The sensor shall have a limited 2-year warranty and shall be UL and CUL listed. The sensor shall be Intermatic model IOS-DOV-DT-WH.

Diagrams

