

Occupancy Sensor - Commercial Grade In-Wall 0-10 V Dimming Dual Tech Occupancy/Vacancy Sensor, White

Item IOS-DOV-DTD-WH



PRODUCT DESCRIPTION

Intermatic's IOS-DOV-DTD-WH dual technology 0-10 V dimming occupancy sensor can turn lights ON and OFF based on occupancy and allow the user to increase or decrease the lighting level. It combines the benefits of passive infrared (PIR) and ultrasonic occupancy detection technologies.

FEATURES

- ▶ Ultrasonic and Passive Infrared (PIR) sensing for presence detection, even in areas with partitions and/or with small movements
- ▶ Coverage: 180°, up to 35 ft PIR, up to 27 ft Ultrasonic
- ▶ Adjustable time delay
- ▶ Adjustable initial on light level
- ▶ Adjustable low trim level
- ▶ Adjustable high trim level

APPLICATIONS

- ▶ Indoor Sensing Control

TECHNICAL DATA

General

| | |
|--------------------------------|---|
| Model Number | IOS-DOV-DTD-WH |
| Description | Commercial Grade In-Wall 0-10 V Dimming Dual Tech Occupancy/Vacancy Sensor, White |
| UPC Code | 078275152694 |
| Brand | Intermatic |
| Warranty Period | 5-Year limited |
| Country of Origin (Intermatic) | TAIWAN |

Control Specifications

| | |
|--|--|
| Sensor Switch Type | Occupancy; Vacancy |
| Sensor Technology | 0 -10 Volt Dimming; Dual (PIR/Ultrasonic); Zero-crossing |
| Has Walk-Through Detection | Yes |
| Ultrasonic Coverage Area (sq ft) | 400 |
| PIR Coverage Area (sq ft) | 1120 |
| Application Compatibilities | LED; Tungsten; Standard Ballast |
| Adjustable Ambient Light Level Detection | Auto-detecting |
| Adjustable Time Delay | 30 sec to 30 min |
| Adjustable Sensitivity Settings | PIR - 60%-100%, Ultrasonic - 20%-100% |

Mechanical Specifications

| | |
|--------------------------------|---------|
| PIR Coverage Pattern (degrees) | 180 |
| Mount Type | In-Wall |

Dimensions

| | |
|---------------------|---------|
| Product Height (in) | 4.625 |
| Product Height (mm) | 117.475 |
| Product Width (in) | 3 |

| | |
|--------------------|--------|
| Product Width (mm) | 76.2 |
| Product Depth (in) | 2.19 |
| Product Depth (mm) | 55.626 |

Material Specifications

| | |
|---------------------|-------|
| Color | White |
| Includes Wall Plate | Yes |
| Finish | Gloss |

Load Ratings

| | |
|--|---|
| Electronic Ballast LED | 600 VA, 120 VAC; 1385 VA, 277 VAC |
| Motor Load Ratings Ranges | 1/6 HP, 120/240 VAC |
| Magnetic Ballast (NO) Range(s) | 660 VA, 120 VAC; 1100 VA, 220 VAC; 1520 VA, 277 VAC |
| General Purpose (NO) Range(s) | 12 A |
| Tungsten Incandescent Load Ratings NO Ranges | 1000 W, 120 VAC; 1385 W, 277 VAC |

Electrical Specifications

| | |
|-----------------------------|-----------------------|
| Input Voltage Range(s) | 120-277 VAC, 50/60 Hz |
| Occupancy Sensor Power Type | Line Voltage |
| Number of Circuits | 1 |
| Neutral Connection Required | Yes |
| Watts | [1000] |
| Hz | 50/60 |
| Amperage | 10 A |

Packaging

| | |
|---------------------------------------|---------------------|
| Shipping Weight (lbs) | 0.307 |
| Shipping Weight (kg) | 0.139 |
| Unit Carton Dimensions (H x W x L) in | 4.625 x 3 x 2.19 in |
| Product Weight (lbs) | 0.37 |

Environmental Specifications

| | |
|-------------------------|-----------------------|
| Temperature (operation) | 32 - 131°F / 0 - 55°C |
|-------------------------|-----------------------|

Standards and Certifications

| | |
|--|----------------|
| UL Certification | cULus |
| Other Certifications and Compatibilities | Green Energy + |
| California Proposition 65 | None |
| RoHS Certification | N/A |