

Occupancy Sensor - Residential In-Wall PIR Vacancy Sensor, White

Item IOS-DPBV-WH



PRODUCT DESCRIPTION

The passive infrared sensors work by detecting the difference between heat emitted from the human body in motion and the background space. Once the sensor switch is manually turned ON, it can turn a load ON and hold it as long as the sensor detects any motion. After no motion is detected for the set time delay, the load is turned OFF automatically. The sensor switch has one relay (equal to single pole switch); no minimum load requirements.

FEATURES

- ▶ Passive Infrared (PIR) sensing for presence detection
- ▶ Adjustable PIR sensitivity
- ▶ Adjustable time delay 15 sec to 30 min
- ▶ Adjustable ambient light sensor override for occupancy switch models
- ▶ Coverage: 180°, 700 ft² with non-obstructed views
- ▶ IOS-DPBIF and IOS-DPBV models are Incandescent/Fluorescent/CFL/LED compatible and require a neutral connection
- ▶ 'No neutral' models offered for retrofit applications
- ▶ Fits standard decorator wall plate (included)
- ▶ Automatic OFF after time delay expires with manual "OFF" option
- ▶ Meets California Title 20 Requirements

APPLICATIONS

- ▶ Indoor Sensing Control

TECHNICAL DATA

General

Model Number	IOS-DPBV-WH
Description	Residential In-Wall PIR Vacancy Sensor, White
UPC Code	078275149076
Brand	Intermatic
Warranty Period	2-Year limited
Country of Origin (Intermatic)	CHINA

Control Specifications

Sensor Switch Type	Vacancy; Manual Override
Sensor Technology	PIR (Passive Infrared); Zero-crossing
PIR Coverage Area (sq ft)	700
Application Compatibilities	CFL; Fluorescent; Incandescent
Adjustable Ambient Light Level Detection	25 lux to daylight
Adjustable Time Delay	15 sec to 30 min

Mechanical Specifications

PIR Coverage Pattern (degrees)	180
Maximum Mounting Height (ft)	4 ft
Mount Type	In-Wall

Dimensions

Product Height (in)	2.75
Product Height (mm)	70

Product Width (in)	1.456
Product Width (mm)	37
Product Depth (in)	1.625
Product Depth (mm)	41

Material Specifications

Color	White
Includes Wall Plate	Yes
Finish	Gloss

Load Ratings

Electronic Ballast LED	800 VA
Tungsten Range(s)	800 W
Resistive Load Ratings Ranges	10 A
Motor Load Ratings Ranges	1/4 HP

Electrical Specifications

Input Voltage Range(s)	120/125 VAC, 60 Hz
Occupancy Sensor Power Type	Line Voltage
Neutral Connection Required	Yes
Watts	800
Hz	60
Amperage	10 A

Packaging

Shipping Weight (lbs)	0.3
Shipping Weight (kg)	0.136
Unit Carton Dimensions (H x W x L) in	4.9 x 3 x 2.25 in

Environmental Specifications

Temperature (operation)	32 - 131°F / 0 - 55°C
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Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	Title 20; Green Energy
California Proposition 65	None
RoHS Certification	N/A