

Occupancy Sensor - Residential In-Wall PIR Occupancy Sensor, No Neutral Required, White

Item IOS-DSIMF-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. The sensor switch can turn a load ON and hold it as long as the sensor detects occupancy. After no motion is detected for the set time delay, the load turns OFF automatically. The sensor switch has one relay (equal to single pole switch), it also includes Ambient Light Level Sensor

FEATURES

- ▶ Passive Infrared (PIR) sensing for presence detection
- ▶ Adjustable PIR sensitivity
- ▶ Adjustable time delay 15 sec to 30 min
- ▶ Adjustable ambient light sensor override
- ▶ Coverage: 150°, 980 ft2 with non-obstructed views
- ▶ IOS-DSIF 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)

APPLICATIONS

- ▶ Indoor Sensing Control

TECHNICAL DATA

General	
Model Number	IOS-DSIMF-WH
Description	Residential In-Wall PIR Occupancy Sensor, No Neutral Required, White
UPC Code	078275125292
Brand	Intermatic
Warranty Period	2-Year limited
Country of Origin (Intermatic)	CHINA
Application Compatibilities	Incandescent; Fluorescent; CFL
Market	Commercial; Industrial; Residential; Utility

Control Specifications	
Sensor Switch Type	Occupancy
Sensor Technology	PIR (Passive Infrared)
Adjustable Time Delay Min	15 sec
Adjustable Time Delay Max	30 min
Adjustable Light Level Min	30 lux
Adjustable Light Level Max	Daylight
PIR Coverage Area (sq ft)	980

Mechanical Specifications	
Mount Type	In-Wall
PIR Coverage Pattern (degrees)	150
Maximum Mounting Height (ft)	4 ft

Dimensions

Product Height (in)	2.75
Product Height (mm)	70
Product Width (in)	1 7/16
Product Width (mm)	37
Product Depth (in)	1.625
Product Depth (mm)	41

Material Specifications

Color	White
Includes Wall Plate	Yes

Load Ratings

Resistive Heater	800 W
Fluorescent Lamps	800 VA
Inductive Load Ratings Ranges	800 VA
Motor Load Ratings Ranges	1/4 HP
Ballast Fluorescent Ranges	800 VA
Tungsten (Incandescent) Range(s)	800 W

Electrical Specifications

Input Voltage Range(s)	120 VAC, 50/60 Hz
Occupancy Sensor Power Type	Line Voltage
Neutral Connection Required	No

Packaging

Shipping Weight (lbs)	0.4
Shipping Weight (kg)	0.181
Unit Carton Dimensions (H x W x L) in	5 x 2.25 x 3 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
California Proposition 65	None
Epi Certifications	Title 20; cULus