

Occupancy Sensor - Residential In-Wall Push Button PIR Occupancy Sensor, White

Item IOS-DPBIF-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 for occupancy switch models
- ▶ Coverage: 150°, 980 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)
- ▶ Occupancy (Automatic ON/ Manual or Automatic OFF)
- ▶ For use with Magnetic Ballasts

APPLICATIONS

- ▶ Indoor Sensing Control

TECHNICAL DATA

| General | |
|--------------------------------|---|
| Model Number | IOS-DPBIF-WH |
| Description | Residential In-Wall Push Button PIR Occupancy Sensor, White |
| UPC Code | 078275125254 |
| Brand | Intermatic |
| Warranty Period | 2-Year limited |
| Country of Origin (Intermatic) | CHINA |
| 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 |
| Application Compatibilities | Incandescent; Fluorescent; CFL; LED |
| Mechanical Specifications | |
| PIR Coverage Pattern (degrees) | 150 |
| Maximum Mounting Height (ft) | 4 ft |
| Mount Type | In-Wall |



| Dimensions | |
|--|------------------------|
| Product Height (in) | 2.75 |
| Product Height (mm) | 70 |
| Product Width (in) | 1.438 |
| Product Width (mm) | 37 |
| Product Depth (in) | 1.625 |
| Product Depth (mm) | 41 |
| Material Specifications | |
| Color | White |
| Includes Wall Plate | Yes |
| Load Ratings | |
| Tungsten Range(s) | 800 W |
| Resistive Load Ratings Ranges | 12 A |
| Motor Load Ratings Ranges | 1/4 HP |
| Ballast Ranges | 800 VA |
| Electrical Specifications | |
| Input Voltage Range(s) | 120 VAC, 60 Hz |
| Occupancy Sensor Power Type | Line Voltage |
| Neutral Connection Required | Yes |
| Hz | 60 |
| 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 |
| Standards and Certifications | |
| UL Certification | cULus |
| Other Certifications and Compatibilities | Title 20; Green Energy |
| California Proposition 65 | None |
| RoHS Certification | X |