INTERMATIC®

Occupancy Sensor - Commercial Grade Line Voltage Ceiling Mount Dual Tech Occupancy Sensor, White

Item IOS-CMP-DT-U

PRODUCT DESCRIPTION

The IOS-CMP-DT-U Dual Technology Line Voltage Occupancy Sensors control loads based on occupancy and ambient light levels. It combines passive infrared (PIR) and ultrasonic technologies to help avoid false triggering while increasing presence detection. Selectable modes allow the sensor to turn load ON and hold it ON as long as either or both technologies detect occupancy. If no movement is detected for a user-specified time of 5 seconds to 30 minutes, the load is turned OFF. The occupancy sensor provides a 360° coverage pattern, up to 1600 ft2 (150m2) for PIR and 1000 ft2 (93m2) for Ultrasonic sensor.

FEATURES

► Ultrasonic and PIR sensing improves presence detection while avoiding false triggers, even in areas with partitions and/or small movements

► Zero-crossing technology for long life and performance

► Coverage: 360°, 1600 ft2 PIR, 1000 ft2 Ultrasonic mounted on 8 to 11 ft ceiling

► Adjustable ambient light sensor override

► Requires neutral connection

► Incandescent/Fluorescent/CFL/LED compatible

APPLICATIONS

► Indoor Sensing Control

TECHNICAL DATA

General	
Model Number	IOS-CMP-DT-U
Description	Commercial Grade Line Voltage Ceiling Mount Dual Tech Occupancy Sensor, White
UPC Code	078275148383
Brand	Intermatic
Warranty Period	2-Year limited
Country of Origin (Intermatic)	CHINA
Application Compatibilities	Incandescent; Fluorescent; CFL; LED
Market	Commercial; Industrial; Residential; Utility

Control Specifications	
Sensor Switch Type	Occupancy
Sensor Technology	Dual Technology (PIR/Ultrasonic); Zero-crossing
Adjustable Time Delay Min	5 sec
Adjustable Time Delay Max	30 min
Adjustable Light Level Min	10 fc
Adjustable Light Level Max	Daylight
PIR Coverage Area (sq ft)	1600
Ultrasonic Coverage Area (sq ft)	1000

Mechanical Specifications	
Mount Type	Ceiling
PIR Coverage Pattern (degrees)	360
Maximum Mounting Height (ft)	8-11 ft

Dimensions	

Product Height (in)	1 3/8
Product Height (mm)	35
Product Diameter (in)	4 9/16
Product Diameter (mm)	116

Material Specifications

Color	White

Load Ratings

Electronic Ballast LED	800 VA, 120 VAC; 1600 VA, 277 VAC
Resistive Heater	800 W
Motor Load Ratings Ranges	1/4 HP, 120 VAC
Tungsten (Incandescent) Range(s)	800 W, 120 VAC

Electrical Specifications

Input Voltage Range(s)	120/277 VAC, 50/60 Hz
Occupancy Sensor Power Type	Line Voltage
Neutral Connection Required	Yes

Packaging

Shipping Weight (lbs)	0.5
Shipping Weight (kg)	0.227
Unit Carton Dimensions (H x W x L) in	2.12 x 5 x 4.88 in

Environmental Specifications

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

Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	Title 20
California Proposition 65	None
Epi Certifications	Title 20; cULus