

O2C10-MDW



Color : White

UPC Code : 078477642726

Country Of Origin : China

RoHS Compliant : Yes

Occupancy Sensor with Integrated Photocell, Line Voltage, Dual Relay, Multi-Tech, Ceiling Mount, 1000SF, 120-277V, Extended Range Lens installed, Provolt™

Occupancy Sensor with Photocell, Provolt™ lighting control, 2 Pole, Line Voltage, 8'-12' Ceiling, Multi-Technology, 1000 sq ft, Daylighting, Auto-Calibration, 120-277V AC/CA 50/60HZ. UL/CE, RoHS & CEC Title 20/24 compliant. Color: White.

The Leviton Provolt™ Dual Relay Occupancy Sensors combine line voltage occupancy sensors and photocells into a self-contained unit. The integrated design alleviates the need for separate power pack and occupancy sensor wiring making it a low-cost, efficient energy solution for new construction and retrofits.

Technical Information

Product Features

Application : Code Compliance, Auto ON/Auto OFF, Manual ON/Auto OFF, Fan Control, Auto ON/Manual ON, Stairwell Control, Step dimming

Color : White

Feature : Multi-Technology Line Voltage Dual Relay

Grade : Commercial

Mounting : Ceiling Mount

Product Line : Provolt

Sensor Technology : Multi-Technology: Passive Infrared (PIR)/Ultrasonic (US)

Sensor Type : Occupancy, Photocell

Time Delay : 30s-30m

Title 24 Compliant : Yes

Performance Specifications

Coverage (Sq.Ft.) : 1000

Pattern : 360°

Electrical Specifications

Current Consumption : 60-30mA

Frequency : 50/60Hz

Load Rating : 120V, 50/60Hz: 8A, Electronic Ballast, 800W, Tungsten, 800VA Ballast, 1/4 HP Motor - 230V, 50Hz: 6A/6AX, Electronic Ballast, Magnetic Ballast, Tungsten, 1/3 HP Motor - 277V, 50/60Hz: 5A, Electronic Ballast, 1200VA Ballast, 1/3 HP Motor

Neutral Wire Connection : Required

Voltage : 120/230/277 VAC

Standards and Certifications

Listings : Can be used to comply with ASHRAE 90.1 and Title 24, Part 6 occupancy/vacancy sensing, automatic shutoff, daylight harvesting and stairwell control requirements, UL 773A (Occupancy Standard), UL 924 (Emergency Equipment), cUL listed, CE compliant, NOM certified, RoHS compliant, NY LLC48 compliant

Mechanical Specifications

Mounting Type : Ceiling Mount

Relay Type : Dual Relay

Size : Width 4.80" (121.92mm), Depth 2.39" (60.71mm)

Environmental Specifications

Operating Temperature : 32° to 104°F (0° to 40°C)

Relative Humidity : 0% to 90% non-condensing

Storage Temperature Range : -15° to 160°F (-26° to 71°C)

Type

Product Type : Occupancy Sensor and Photocell

Warranty

Warranty : 5-Year Limited

Features and Benefits

- Utilizes sensors which emit non-audible sound waves and sense movement. Any movement within the sensor's field-of-view causes a shift in the original emitted frequency. The sensor identifies the change as movement and controls light accordingly. U/S models are immune to external ultrasonic signals from other

- sources such as white-boards delivering uninterrupted performance.
- Auto-Adapting: Time delay and sensitivity are continually adjusted to occupancy pattern of use
- Vacancy Sensing Time Outs: (Delayed OFF Timer, Exclusive Walk-through Feature, Time delay and saved settings are protected during power outages and will return to the last known state)
- Output short circuit protection
- Industry-exclusive self-configuring local manual switch input: Momentary or maintained switches are supported
- Presentation Mode allows user to turn lights OFF and keep them OFF while the room is occupied
- Adjustable Time Delay: 30s, 5min, 10min, 20min, 30min
- Test Mode for simplified commissioning
- Manual Switch and Emergency Override are Class 1 or Class 2 circuits. Class 2 circuits provided for flexibility
- Industry-exclusive "fail-safe" circuitry: In the event of product failure, Return-to-Closed feature causes the relay to default ON which eliminates life safety concerns
- Industry-exclusive H.I.S. (High Inrush Stability) technology designed to handle today's high inrush electronic ballast loads and offer unmatched durability and service
- Robust and reliable mechanically held 10A latching relay provides dependability and robust performance for all load types and provides energy savings over electronically held relays
- Field of View: Units from 500 to 2000 square feet available
- Visual LED indicators for all states: (Green - Blinks during U/S detection and is solid during auto-calibration, Yellow - Blinks during test mode; solid with emergency/BMS input, Blue - Blinks when knob settings are changed and during photocell override)

SPECIFICATION SUBMITTAL

JOB NAME: <input style="width: 95%; height: 20px;" type="text"/>	CATALOG NUMBERS: <input style="width: 60%; height: 20px;" type="text"/> <input style="width: 35%; height: 20px;" type="text"/>	
JOB NUMBER: <input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 25%; height: 20px;" type="text"/>	<input style="width: 25%; height: 20px;" type="text"/>

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