



### **Order Code**

### OZ-MPS360-7W

#### Overview

This mains-powered motion sensor acts as a movement / vacancy sensor, typically suited for commercial applications that require a switched circuit with movement sensing.

When used in a switched circuit, this sensor will power on the load immediately after the series switch is turned ON, where the load then remains ON for at least the selected timeout period.

Each time the sensor detects movement while the load is ON, the timeout is reset.

In the absence of movement, the load is switched OFF after the timeout period expires (vacancy detection).

When the sensor is powered up and the load is OFF, movement will turn the load ON with the same timeout / subsequent movement behaviour (occupancy / vacancy detection).

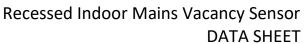
The sensor is also suitable for use without the series mains switch.

### **Features**

- Low profile design for minimal protrusion into a ceiling space
- Large terminals for ease of installation, suitable for 4 x 2.5 mm<sup>2</sup> cable
- Clear terminal cover for easy wiring inspection
- Simple 3-position slide switches allow easy and accurate timing and setup
- Transparent terminal cover for easy inspection of terminals and wiring
- Load Rating: 10 AX rating (2400 W high inrush) all load typess, except motor loads: 2 A
- Use a 70 mm hole saw for installation
- Extremely low standby power consumption
- >7 m diameter range at 2.7 m mounting height

# **Typical Applications**

Occupancy / Vacancy detection in commercial buildings.





# **Specifications**

Parameter	Specification				
Sensor type	Passive Infrared				
Override ON	Yes	Yes			
Timeout Settings	5 min, 15 min, 30 min				
Sensitivity Settings	High, Medium, Low				
Light Level Settings	Operate only when dark, operate for dark or dusk, operate always				
Connections	Switch (Load), Line (Active), Loop, Neutral				
Supply Voltage	230 - 240 V AC 50/60 Hz				
Max Cable Size	4 x 2.5 mm <sup>2</sup> cable per terminal				
Clear Wiring Cover	Yes, to allow easy inspection of wiring				
Standby Power / Current	150 mW / 5 mA @ 50 Hz mains		200 mW / 6 mA @ 60 Hz		
Load Ratings	Self-ballasted LED lamp		<b>—</b>	10 AX / 2400 W	
	Electronic Transformers			10 AX / 2400 W	
	Iron-Core Transformers			10 AX / 2400 W	
	Incandescent, Halogen, Dichroic Lamps		-\\\\\-	10 AX / 2400 W	
	Self-Ballasted Fluorescent Lamps		<b>=</b>	10 AX / 2400 W	
	Small Motor Loads		M	2A (M.2)	
Cut-out Size	70-73 mm				
Recess Depth	46 mm from mounting surface				
Temperature Rating	0°C to 50°C				
Detection Range (diameter)	Mounting Height Major Mov		vement*	Minor Movement**	
	2.4 m >6 m			4 m	
	2.7 m >7 m			5 m	
	3 m >8 m			5 m	
Angular Detection	30°-360° (with adjustable lens mask)				
* Major movement: a person moving 1m across the field of view.  ** Minor movement: movement of an arm or similar.					

### **Accessories**

The OZ-MPS360-7W includes a plastic mask for the lens, which can be cut to mask off a portion of the field of view.

A surface mount adaptor is available as a separate order code: OZ-MPS360-SMHW. This can be used to install the sensor to round conduit junction boxes, or for mounting on solid surfaces such as concrete.







Recessed Indoor Mains Vacancy Sensor DATA SHEET

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This product includes a TWO-YEAR WARRANTY against manufacturing defects.

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