



Residential Wall Switch Sensors *Occupancy Sensors for Incandescent Lighting*

KEY FEATURES

- Patent Pending Alert to OFF notification
- Manual dimming control option available
- Zero Arc Point Switching
- Adjustable time delay
- Walk test indicator
- 800 square-foot., 180° coverage area
- UL and cUL listed
- 5-year warranty



OVERVIEW

Hubbell Building Automation’s Residential Occupancy Sensor for Incandescent Lighting uses auto-on passive infrared (PIR) technology for excellent energy savings and reliable motion detection. The sensor’s low-profile housing design is perfect for residential areas, such as home offices, bathrooms, garages, laundry rooms, utility rooms, and dining rooms. When a person enters the sensor’s field of view, it automatically turns on available lighting. After a specific period of vacancy, the sensor automatically turns off lighting.

FEATURES and BENEFITS

Features

Patent Pending Alert to OFF notification
Manual dimming control option available

Zero Arc Point Switching (Patent #5,821,642)
Adjustable time delay

Walk test indicator

Benefits

- 30 seconds before the lights turn off, they dim to 50% power
- You can manually dim and maintain lights at desired lighting levels
- Minimizes relay-contact wear from high inrush loads
- The time delay is the time it takes for the lighting to turn off after vacancy occurs
- You can set time delay based on personal preferences
- A blinking light indicates the sensor is working

APPLICATIONS

- Home offices
- Bathrooms
- Garages
- Laundry and utility rooms

SPECIFICATIONS

Timer timeout	<ul style="list-style-type: none">Fully adjustable: 30 seconds–30 minutes
Passive infrared (PIR)	<ul style="list-style-type: none">Multi-segment infrared (IR) Fresnel lens
Photocell	<ul style="list-style-type: none">Natural light override range: 5–200 foot-candles (50–2,000 lux)
Coverage	<ul style="list-style-type: none">800 square-foot., 180° coverage area
Power requirements	<ul style="list-style-type: none">120 VA, 60 Hz
Electrical ratings	<ul style="list-style-type: none">120 VAC: 500W Incandescent only (Do not use with fluorescent or compact fluorescent lamps)
Load requirements	<ul style="list-style-type: none">25W minimum; 500W maximum
Operating environment	<ul style="list-style-type: none">Indoor use onlyOperating temperature: 32°–122° F (0°–50° C)Relative humidity (non-condensing): 0%–95%
Construction	<ul style="list-style-type: none">Casing—high-impact injection-molded plasticColor-coded leads are 6" long
Size and weight	<ul style="list-style-type: none">Size: 4.5" x 2.75" x 1.625"Weight: 2.9 oz
Color	<ul style="list-style-type: none">Almond; Ivory; Light Almond; White
Mounting	<ul style="list-style-type: none">Single-gang NEMA-style switch box (average switch box)Decorator-style wall plate not included
Certifications	<ul style="list-style-type: none">UL and cUL listed
Warranty	<ul style="list-style-type: none">5 years

HOW TO ORDER

Catalog Number	Description	Coverage
RWSOSINC120*	Residential Occupancy Sensor for Incandescent Lighting, 120VAC	800 sq. ft.
RWSOSDINC120*	Residential Occupancy Sensor with Dimmer for Incandescent Lighting, 120VAC	800 sq. ft.

* - AL – Almond, IV – Ivory, LA – Lt. Almond, WH - White



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