



Residential Wall Switch Sensors *Vacancy Sensors for Incandescent Lighting*

KEY FEATURES

- Title 24 compliant—manual-on/auto-off operation
- 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 Vacancy Sensors for Incandescent Lighting uses Title 24 compliant, manual-on, passive infrared (PIR) technology for excellent energy savings and reliable motion detection. The sensor’s low-profile housing design provides the perfect wall switch for residential areas, such as bathrooms, garages, laundry rooms, utility rooms, and dining rooms. The sensor’s manual-on/auto-off operation meets Title 24 guidelines for residential lighting by requiring lighting to be manually turned on by a user and automatically turned off during vacancy.

FEATURES and BENEFITS

Features

Title 24 Compliant Manual ON / Automatic OFF Operation

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

• Meets California’s Title 24 Residential lighting standards

• 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

- Bathrooms
- Dining rooms
- Bedrooms

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
Coverage	<ul style="list-style-type: none">800 square-foot, 180° coverage area
Power requirements	<ul style="list-style-type: none">120 VAC; 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
RWSVSINC120*	Residential Vacancy Sensor for Incandescent Lighting, 120VAC	800 sq. ft.
RWSVSDINC120*	Residential Vacancy Sensor with Dimmer for Incandescent Lighting, 120VAC	800 sq. ft.

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



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