

**Eaton's Wiring Devices**  
Occupancy & vacancy sensors

# Residential Occupancy & Vacancy Sensors

Simple and affordable solutions  
for energy savings and convenience

**EATON**

*Powering Business Worldwide*

# Eaton's residential occupancy & vacancy sensors

One of the most comprehensive sensor offerings in the market that provides consistent performance resulting in optimal energy savings and convenience.



## Features & benefits



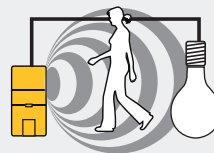
Utilizes Passive Infrared (PIR) technology with tamper-resistant, color-matched lens

Integrated daylight sensors allow the lights to stay OFF when sufficient natural light is present (occupancy models only)

User-selectable time delay behind manual ON/OFF button

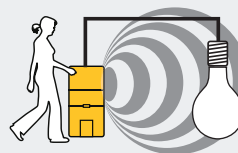


## Which should you choose?



**Occupancy Sensors**  
Auto ON/Auto OFF

**Occupancy Sensors** automatically turn lights ON when the sensor detects the presence of a person and will automatically turn lights OFF when no presence is detected for a specified amount of time. These sensors are great for rooms that are often entered while carrying things or where the switch location may be inconvenient. Laundry rooms, storage rooms and garages are excellent examples.



**Vacancy Sensors**  
Manual ON/Auto OFF

**Vacancy Sensors** require someone to manually turn ON the lights when required. The sensor will then automatically turn lights OFF when no presence is detected for a specified amount of time. These sensors ensure the highest level of energy savings since the lights will never automatically turn ON. **These sensors also meet residential requirements for California Title 24.**

# Occupancy & vacancy sensors

## Motion sensors - OS306U

Entry level occupancy and vacancy sensors are ideal for retrofit applications or new home construction.

- Can be used in single pole and 3-way applications
- Compatible with all common lighting loads including LED and CFL
- No neutral required for installation



## Motion sensors with nightlight - OS310U

Switches with integrated nightlights are ideal for most rooms with a dimmable light level, selectable ON/OFF and operation independent of the sensing function.

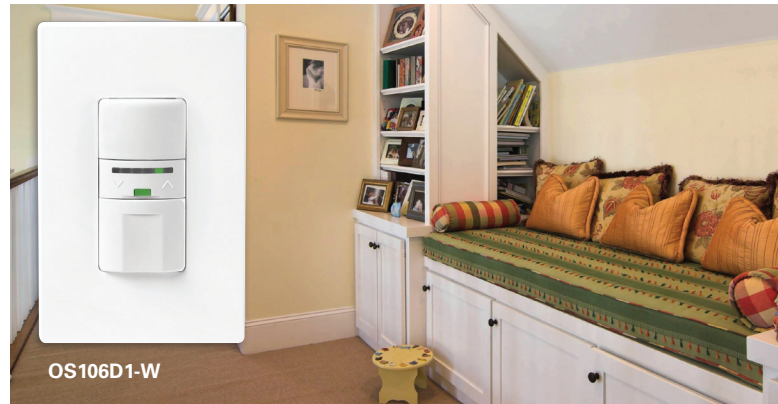
- Fully dimmable nightlight provides safety and convenience
- Occupancy sensor models are selectable as Auto ON or Manual ON
- “Bedroom” mode keeps lights from turning ON during the night when the nightlight is ON
- Compatible with all common lighting loads including LED and CFL
- Color change kits available
- Neutral required for installation



## Dimming motion sensors - OS106D1 & OSUL106D

Entry level occupancy and vacancy dimmer sensors are ideal for retrofit applications or new home construction.

- Dimming preset allows lights to automatically return to your favorite setting
- Occupancy sensor models are selectable as Auto ON or Manual ON
- Color change kits available
- Neutral required for installation



## Dual switch sensors - OS310R

Dual relay sensors are the perfect solution for single point control of two loads from one location, offering even more energy saving opportunities and flexibility than ever.

- Fully dimmable nightlight provides safety and convenience
- Dual switch model controls two independent loads in one convenient product
- Color change kits available
- Neutral required for installation



Screwless wallplates sold separately

# Occupancy & vacancy sensors

## Motion sensors

### Product description

Single pole & 3-way  
600W/VA, 120V/AC  
LED, CFL, FLR, INC/HAL, ELV, MLV

### Design features

- Can be wired as a single pole or 3-way device
- Passive infrared technology
- Sensors provide up to 180 degree field of view and 450 sq. ft. of major motion coverage
- Works with all popular load types: LED, CFL, fluorescent, incandescent/halogen, electronic low-voltage and magnetic low-voltage
- Selectable time delay of 5 seconds to 30 minutes for lights to remain on after room is vacated
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Compact housing fits easily into a standard wall box and is suitable for multi-gang installations
- Compatible with decorator-style wallplates and screwless wallplates
- High-gloss finish complements any decor
- Electrostatic discharge protection
- No leakage to load in OFF mode
- Replaces a standard light or fan switch
- No neutral required for installation of device
- Available with color change kits
- Title 24 compliant (Only VS306U)



VS306U

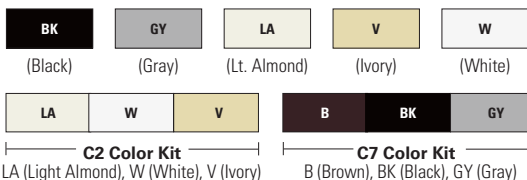
### Motion sensors

Rating		Description	Compatible lamp loads	Color suffix	Catalog no.	TITLE 24
W/VA	V/AC					
600	120	Occupancy sensor switch, single pole/3-way, auto ON	LED, CFL, FLR, INC/HAL, ELV, MLV	BK, GY, LA, V, W, C2, C7	<input type="checkbox"/> OS306U-__	
		Vacancy sensor switch, single pole/3-way, manual ON	LED, CFL, FLR, NC/HAL, ELV, ML	BK, GY, LA, V, W, C2, C7	<input type="checkbox"/> VS306U-__	•

**Note:** Sensors are rated for 120V/AC unless otherwise noted. cULus Listed to UL773A, file no. E191639

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), C2 (Color Change Kit: LA, W, V), C7 (Color Change Kit: B, BK, GY)



**Compliances, specifications and availability are subject to change without notice.**

 Indicates Title 24 compliant

# Occupancy & vacancy sensors

## Motion sensors

### Product description

Single pole & 3-way  
1000W/VA, 120V/AC; 1/6 HP Motor  
LED, CFL, FLR, INC/HAL, ELV, MLV



VS310U

### Design features

- Can be wired as a single pole or 3-way device
- Selectable ON/OFF LED nightlight with press and hold dimming function
- Works with all popular load types: LED, CFL, fluorescent, incandescent/halogen, electronic low-voltage and magnetic low-voltage
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Provides 3-way operation when used with a 3-way switch or sensor
- Selectable time delay of 5 seconds (test), 5 minutes, 15 minutes and 30 minutes for lights to remain ON after room is vacated
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy sensor version allows toggling between Auto ON/Auto OFF or Manual ON /Auto OFF mode with a simple press and hold of switch
- Occupancy sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Electrostatic discharge protection
- Color change faceplate kits provide for a simple in field change
- Replaces a standard light or fan switch
- Neutral required for installation of device
- Mid-size decorator wallplate included with product

### Motion sensors

Rating W/VA	V/AC	HP Motor	Description	Compatible lamploads	Color suffix	Catalog no.
1000	120	1/6	Occupancy sensor switch with nightlight, single pole/3-way	LED, CFL, FLR, INC/HAL, ELV, MLV	BK, GY, LA, V, W	<input type="checkbox"/> OS310U-__
			Vacancy sensor switch with nightlight, single pole/3-way	LED, CFL, FLR, INC/HAL, ELV, MLV	BK, GY, LA, W	<input type="checkbox"/> VS310U-__

cULus Listed to UL244A, file no. E325082; NOM certified

### Motion sensor color change kits

Description	Color suffix	Catalog no.
Color change kit for motion sensor	BK, GY, LA, V, W	<input type="checkbox"/> SCK1-__BP

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)



**Compliances, specifications and availability are subject to change without notice.**

# Occupancy & vacancy sensors

## Dimming motion sensors

### Product description

Single pole  
600W/VA; 120V/AC  
INC/HAL, MLV

### Design features

- Full-range preset dimming control provided with horizontal DIM/BRIGHT bar
- Digital circuitry provides aesthetically pleasing soft ON/fade OFF that extends bulb life
- Preset and light level change is easily shown with horizontal row of green LEDs
- Works with popular load types: incandescent/halogen and magnetic low-voltage
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- LED serves as air-gap switch disconnecting power from load, forcing an OFF condition
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Selectable time delay of 5 seconds (test), 5 minutes, 15 minutes and 30 minutes for lights to remain ON after room is vacated
- Reverse mode allows light to stay OFF in a room when motion is detected
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy sensor version allows toggling between Auto ON/Auto OFF or Manual ON /Auto OFF mode with a simple press and hold of switch
- Occupancy sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Electrostatic discharge protection
- No leakage to load in OFF mode
- Color change faceplate kits provide for a simple in field change
- Replaces a standard light switch
- Neutral required for installation of device
- Mid-size decorator wallplate included with product
- Title 24 compliant (only VS106D1)



OS106D1

### Dimming motion sensors



Rating		Description	INC/HAL, MLV	Color suffix	Catalog no.	TITLE 24
W/VA	V/AC					
600	120	Occupancy dimmer sensor, single pole	INC/HAL, MLV	BK, GY, LA, V, W, C2	□ OS106D1-__	
		Vacancy dimmer sensor, single pole				

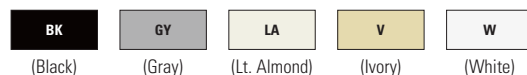
cULus Listed to UL244A & UL1472, file no. E325082; NOM certified

### Dimmer color change kits

Description	Color suffix	Catalog no.
Color change kit for dimmer sensor	BK, GY, LA, V, W	□ SCKD-__BP

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)



Compliances, specifications and availability are subject to change without notice.

**TITLE 24** Indicates Title 24 compliant

# Occupancy & vacancy sensors

## Universal dimmer sensors

### Product description

Single pole & 3-way  
 INC/HAL/ELV/MLV, 600W, 120V/AC  
 LED/CFL/Fluorescent; 300W 120V/AC

### Design features

- Soft ON/fade OFF
- Preset and light level change is easily shown with horizontal row of green LEDs
- Convenient patented built-in wire strippers allow for fast installation
- Single green LED indicates load status and motion detection
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Selectable time delay of 5 seconds (test), 5 minutes, 15 minutes and 30 minutes for lights to remain ON after room is vacated
- Occupancy Sensors time delay default set to 5 minutes; Vacancy Sensors time delay default set to 30 minutes
- Occupancy Sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy Sensor allows to toggle between Auto ON/Auto OFF or Manual ON/Auto OFF mode with a simple press and hold of switch
- Occupancy Sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Electrostatic discharge protection
- No leakage to load in OFF mode
- Color change faceplate kits provide for a simple in field change
- Neutral required for installation of device
- California Title 24 compliant
- California Title 20 compliant



OSUL06D



VSUL06D

### Occupancy & vacancy sensor dimmers



Rating		Description	Color suffix	Catalog no.	TITLE 24
W/VA	V/AC				
600	120	Motion sensor with dimmer	C2, C4, C7	<input type="checkbox"/> OSUL06D-__	•
		Vacancy sensor with dimmer	C2, C4, C5, C7	<input type="checkbox"/> VSUL06D-__	•

### Color Ordering Information

For ordering devices, include Catalog no. followed by the color suffix: C2 (Color Change Kit: LA, W, V), C4 (Color Change Kit: BK, W, V), C5 (Color Change Kit: W, BK, GY), C7 Color Change Kit: B, BK, GY)

LA	W	V	BK	W	V	W	BK	GY	B	BK	GY
C2 Color Kit			C4 Color Kit			C5 Color Kit			C7 Color Kit		
LA (Light Almond), W (White), V (Ivory)			BK (Black), W (White), V (Ivory)			W (White), BK (Black), GY (Gray)			B (Brown), BK (Black), GY (Gray)		

Compliances, specifications and availability are subject to change without notice.

# Occupancy & vacancy sensors

## Dual relay motion sensors

### Product description

Single pole & 3-way  
1000W/VA, 120V/AC; 1/6 HP Motor  
LED, CFL, FLR, INC/HAL, ELV, MLV

### Design features

- Can be wired as a single pole or 3-way device
- Selectable ON/OFF LED nightlight with press and hold dimming function
- Works with all popular load types: LED, CFL, fluorescent, incandescent/halogen, electronic low-voltage and magnetic low-voltage
- Contains two switches to control two independent lighting loads or circuits (light and/or fan)
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Provides 3-way operation when used with a 3-way switch or sensor
- Selectable time delay of 5 seconds (test), 5 minutes, 15 minutes and 30 minutes for lights to remain ON after room is vacated
- Reverse mode allows light to stay OFF in a room when motion is detected
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy sensor version allows toggling between Auto ON/Auto OFF or Manual ON/Auto OFF mode with a simple press and hold of switch
- Occupancy sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Color change faceplate kits provide for a simple in field change
- Replaces a standard light or fan switch
- Neutral required for installation of device
- Mid-size decorator wallplate included with product



OS310R

### Dual relay motion sensors

Rating W/VA	HP V/AC	Motor	Description		Color suffix	Catalog no.
1000	120	1/6	Occupancy sensor dual switch with dimmable nightlight, single pole/3-way	LED, CFL, FLR, INC/HAL, ELV, MLV	BK, GY, LA, V, W	<input type="checkbox"/> OS310R-__
			Vacancy sensor dual switch with dimmable nightlight, single pole/3-way	LED, CFL, FLR, INC/HAL, ELV, MLV	BK, GY, LA, V, W	<input type="checkbox"/> VS310R-__

cULus Listed to UL244A, file no. E325082; NOM certified

### Dual-relay motion sensor color change kit

Description	Color suffix	Catalog no.
Color change kit for dual relay motion sensor	BK, GY, LA, V, W	<input type="checkbox"/> SCKR-__-BP

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)



**Compliances, specifications and availability are subject to change without notice.**



# We make what matters work.\*

\* At Eaton, we believe that power is a fundamental part of just about everything people do. Technology, transportation, energy and infrastructure-these are things the world relies on every day. That's why Eaton is dedicated to helping our customers find new ways to manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. To improve people's lives, the communities where we live and work, and the planet our future generations depend upon. Because that's what really matters. And we're here to make sure it works.

See more at [Eaton.com/whatmatters](http://Eaton.com/whatmatters)

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