

# Wallbox Lighting Controls

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:



## SAVANT Sensor Switch Controls

Single-Pole & 3-Way  
1000W/VA  
Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage,  
Fluorescent, Compact Fluorescent, LED, Halogen

### SAVANT Occupancy & Vacancy Sensor Switch Controls



#### 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: Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent, CFL and LED.
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection.
- Push pad design provides minimal travel and crisp actuation.
- Replaces a standard light or fan switch.
- 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.
- Walk-in-Delay feature allows sensor to turn lights off without time delay when motion is detected briefly in room.
- 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 Version 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).
- Vacancy Sensor meets California 2008 Title 24.
- Electrostatic discharge protection.
- No leakage to load in off mode.
- Uniform color matched PIR lens to device housing.
- Color change faceplate kits provide for a simple in field change.
- Mid-Size decorator wallplate included with product.
- Neutral required for installation of device.

#### SAVANT Occupancy & Vacancy Sensor Switches, Wire Leads



Rating	For Lamp Type(s)	Description	Catalog No. Color Suffix
1000W/VA 120V/AC	Incandescent, Halogen Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent, CFL, LED	Occupancy Sensor Switch with Nightlight & LED, Single-Pole & 3-Way	<input type="checkbox"/> <b>OS310U-</b> ____ A, BK, GY, LA, V, W
1000W/VA 120V/AC	Incandescent, Halogen Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent, CFL, LED	Vacancy Sensor Switch with Nightlight & LED, Single-Pole & 3-Way, Title 24 Compliant	<input type="checkbox"/> <b>VS310U-</b> ____ A, BK, GY, LA, V, W
—	—	Color Change Kit	<input type="checkbox"/> <b>SCK1-</b> ____ <b>-BP</b> A, BK, GY, LA, V, W

#### Color Ordering Information

For ordering, include Cat. No. followed by the color code: A (Almond), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

#### TESTING & CODE COMPLIANCE

- cULus Listed to UL244A file no. E325082
- NOM Certified
- Vacancy Sensor California Title 24 compliant

#### MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: 0°C to 40°C (32°F to 104°F)

# Wallbox Lighting Controls Specification & Performance Data

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1000W/VA

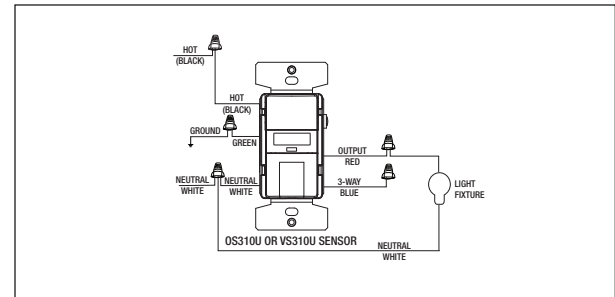
Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage,  
Fluorescent, Compact Fluorescent, LED, Halogen

### Application

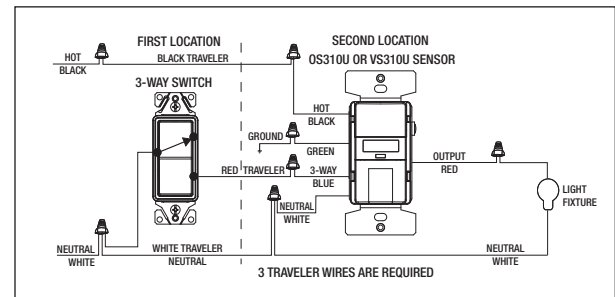
SAVANT Occupancy/Vacancy Sensor Switches use advanced PIR technology to sense the movement of heat-emitting bodies. Occupancy Sensors provide Auto-ON/Auto-OFF or Manual-ON/Auto-OFF operation while Vacancy Sensors provide Manual-ON/Auto-OFF operation only (Title 24 Compliant). The sensors automatically turn lights off after a space becomes vacant and a preset time delay elapses. Both versions provide Single-Pole (single-location) and 3-Way (multi-location) wiring and work with all lighting load types (INC, MLV, ELV, FLR, CFL, LED). A selectable and dimmable LED nightlight is provided. All sensors are compatible with any decorator-style or decorator screwless wallplate.

	Device Type	SAVANT Occupancy & Vacancy Sensor Switches: OS310U, VS310U Series
	Wiring Type	6" pre-stripped wire leads, #14 AWG
	Testing & Code Compliance	<ul style="list-style-type: none"> <li>cULus Listed to UL244A file no. E325082</li> <li>NOM Certified</li> <li>California Title 24 Compliant</li> </ul>
Specifications: Environmental	Flammability	Meets UL 94 requirements; V2 rated
	Temperature Rating	0°C to 40°C (32°F to 104°F)
Specifications: Electrical	Rating	120V/AC 60Hz, 1/2 HP
	Surge Protection	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage
	Radio Frequency Interference	Designed to reduce interference with radio, audio and video equipment
	Power-failure Memory	Light or fan returns to same level prior to power interruption
	Lamp Ratings	Incandescent, Halogen, Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent, Compact Fluorescent, LED
Specifications: Mechanical	Wiring Types	Single-Pole & 3-Way
	LED Indicators	Load status indicator, light level & locator
	Voltage Ratings	Permanently marked on device
Materials:	Top Housing	Polycarbonate
	Bottom Housing	Polycarbonate
	Strap	Aluminum
	Form Factor	Decorator
	Finish	Gloss

Single-Pole Wiring Diagram, All Load Types



3-Way Wiring Diagram, All Load Types



NOTE: 3-Way switch or OS310R/VS310R must be at the other location.