

### **Flexible Wiring, Easy Installation and Modern Design**

Leviton's line of Decora Motion Sensors provide a cost effective solution for all your residential needs. The devices offer flexible single pole or 3-way installation options, including wiring with a neutral or by using an earth ground connection, and a slim profile for ease of installation. These features make them ideal for new construction and for retrofit in older wallboxes with limited space.

With state-of-the-art technology and modern aesthetics, users will enjoy optimal management of lighting and motor loads. The sensors use passive infrared (PIR) detection technology to monitor a room for occupancy through a segmented lens. Choose from Automatic-ON (Occupancy Sensor) or Manual-ON (Vacancy Sensor) switching options. They comply with the National Electrical Code® (NEC®) and can also be used to comply with 2019 California Title 24, Part 6 Vacancy Control Device Requirements.

### **Applications**

Bathrooms, Garages, Hallways, Basements, Utility/Laundry Rooms, Pantries, Walk-In Closets and Mudrooms.



Wallplate sold separately

## Features and Benefits

- Automatic-ON or Manual-ON models available
- Leaded terminals for easier installation
- Flexible wiring can be connected to Neutral wire if Neutral is present in the wallbox or Earth ground if no Neutral is present in the wallbox
- Interchangeable line and load wires
- Programmable without removing the wallplate or faceplate
- Shallow design easily fits in the wallbox
- Controls LED, CFL, Incandescent, Halogen, Magnetic Low Voltage, Electronic Low Voltage or Motor loads
- Provides 180° Field-of-View, 900 sq. ft. coverage
- Low profile design blends in with walls for a discreet appearance
- Ambient light override prevents occupancy sensors from switching the lights ON when there is ample natural sunlight
- Adjustable delayed OFF time which can be set for 1 minute, 5 minutes, 10 minutes or 20 minutes
- Adjustable Range (sensitivity) to fit various coverage areas
- Contemporary styling in line with Leviton's Decora® wiring devices
- DOS05 and DVS05 are Single Pole and 3-Way when used with a single pole or 3-way switch
- Compatible with Decora Plus™ screwless wallplates
- Color change kits are available

## Typical Specifications

- Operating temperature range: 0° to 40° C
- Non-operating temperature (storage) range: -20° to 60° C
- Humidity: 0 to 95% non-condensing
- Indoor applications only

## Agency Standards and Compliance

- Complies with UL773A
- NEMA WD7
- CSA C22.2 NO.205
- NOM 57
- California Title 20\*
- Can be used to comply with 2019 California Title 24, Part 6 Vacancy Control Device Requirements

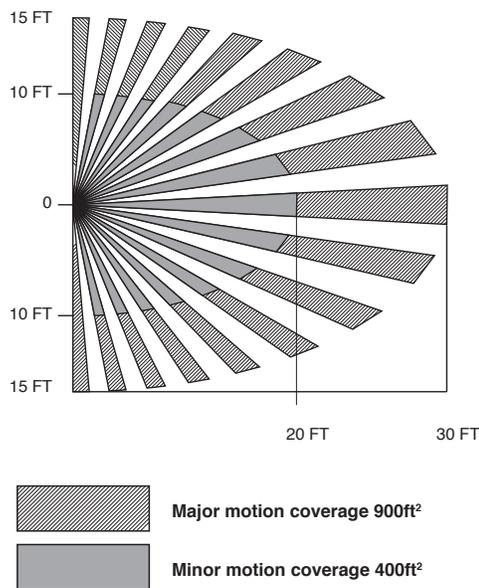
\* Items meet California code of regulation Title 20

## Warranty Information

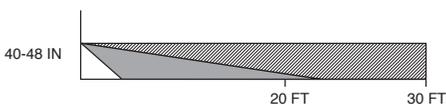
Five-year limited warranty

## Sensing Area Coverage

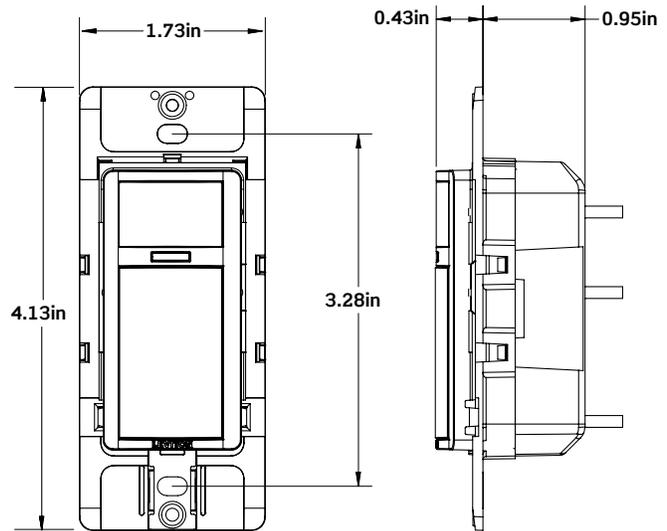
### 1. Horizontal Field-of-View



### 2. Vertical Field-of-View



## Dimensional Drawings



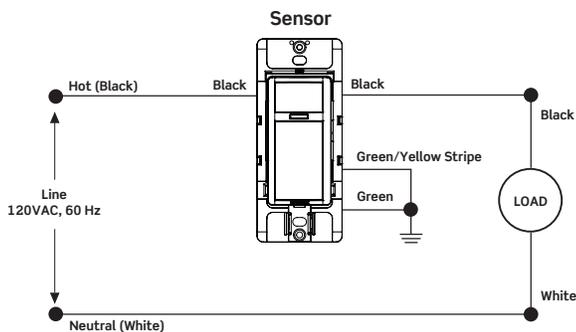
## Specifications At-A-Glance

	DOS02	DVS02	DOS05	DVS05
Voltage, frequency 120VAC, 60 Hz	•	•	•	•
<b>Load Rating</b>				
LED	150W	150W	300W	300W
CFL	150W	150W	300W	300W
Incandescent/Halogen	250W	250W	600W	600W
MLV	200VA	200VA	400VA	400VA
ELV	250VA	250VA	400VA	400VA
Motor	-	-	1/4 hp	1/4 hp
Resistive	2 Amp	2 Amp	5 Amp	5 Amp
<b>Mechanical</b>				
Wiring Required for Operation	Neutral or Earth ground			
Switching Technology	Relay	Relay	Relay	Relay
Single Pole/3-Way or Single Pole	Single Pole	Single Pole	Single Pole/3-Way	Single Pole/3-Way
<b>Features</b>				
180°, 900 Sq. Ft. Coverage	•	•	•	•
Passive Infrared Sensing Technology	•	•	•	•
Time Delay	1, 5, 10 or 20 minutes			
Ambient Light Override	•	-	•	-
Adjustable Range	•	•	•	•
Auto/Manual ON	Auto-ON	Manual-ON	Auto-ON	Manual-ON
<b>Certifications</b>				
UL	•	•	•	•
CA Title 24 Code Compliance	•	•	•	•
CA Title 20 Code Compliance*	•	•	•	•
<b>Environmental</b>				
Operating Temperature 0°C to 40°C	•	•	•	•
Relative Humidity 0% to 95% non-condensing	•	•	•	•
Storage Temperature -20°C to 60°C	•	•	•	•

\*Items meet California Code of Regulation Title 20

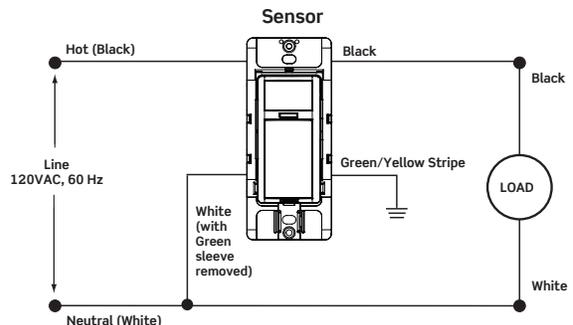
## Wiring Diagrams

Cat. Nos. DOS02, DVS02, DOS05, DVS05



Single Pole, No Neutral Wire

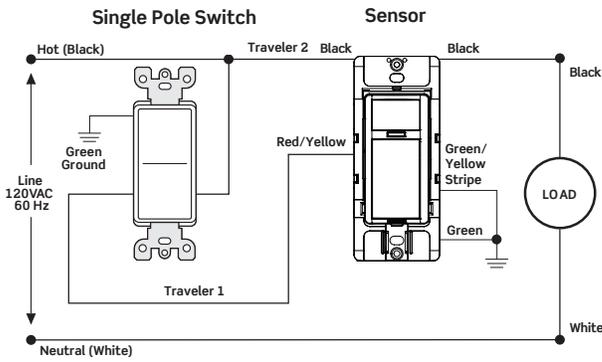
Cat. Nos. DOS02, DVS02, DOS05, DVS05



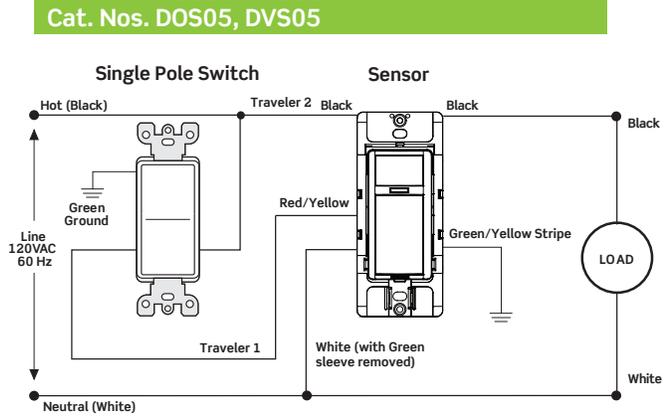
Single Pole, with Neutral Wire

## Wiring Diagrams

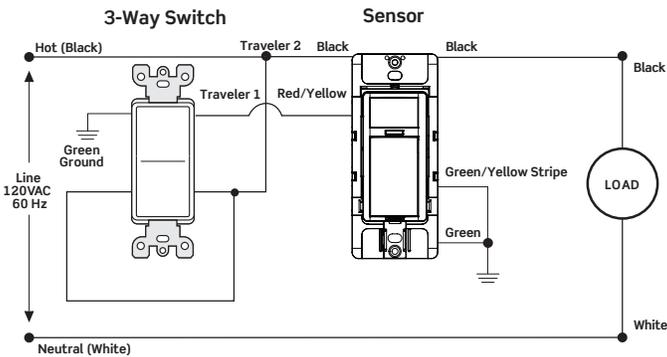
Cat. Nos. DOS05, DVS05



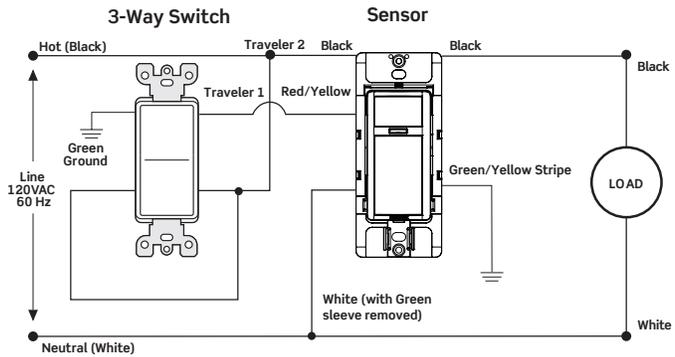
3-Way with Single Pole Switch, No Neutral Wire



3-Way with Single Pole Switch, with Neutral Wire



3-Way with a 3-Way Switch, No Neutral Wire



3-Way with a 3-Way Switch, with Neutral Wire

## Ordering Information

Description	Rating (120VAC)	Cat. No.	Color*
Relay Occupancy Sensor, single pole, 180° Field-of-View, 900 sq. ft. coverage	150W LED/CFL, 250W Inc/Halogen, 250VA ELV, 200VA MLV, 2A Resistive	DOS02-0L	W
Relay Vacancy Sensor, single pole, 180° Field-of-View, 900 sq. ft. coverage	150W LED/CFL, 250W Inc/Halogen, 250VA ELV, 200VA MLV, 2A Resistive	DVS02-1L	W
Relay Occupancy Sensor, single pole/3-way, 180° Field-of-View, 900 sq. ft. coverage	300W LED/CFL, 600W Inc/Halogen, 400VA ELV/MLV, 1/4 HP Motor, 5A Resistive	DOS05-1L	Z
Relay Vacancy Sensor, single pole/3-way, 180° Field-of-View, 900 sq. ft. coverage	300W LED/CFL, 600W Inc/Halogen, 400VA ELV/MLV, 1/4 HP Motor, 5A Resistive	DVS05-1L	Z

\* To order colors, add suffix to basic Cat. No. Products with suffix (-Z) include White, Ivory and Light Almond. Other colors include: White (-W), Ivory (-I), Light Almond (-T).

## Color Change Kits

Description	Cat. No.	Color
Color Change Kits for Relay Sensors	DOSKT-00	W, I, T, G, E, B

Color change kits available in the following colors: White (-W), Ivory (-I), Light Almond (-T), Gray (-G), Black (-E), and Brown (-B).



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