

Flexible Wiring Options for any Application

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

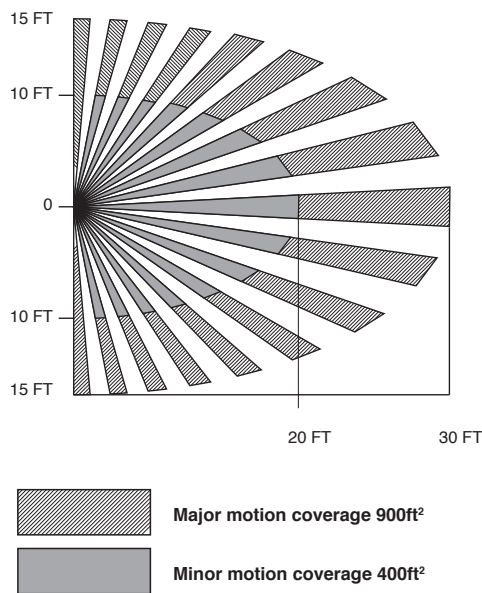
**Items meet California code of regulation Title 20*

Warranty Information

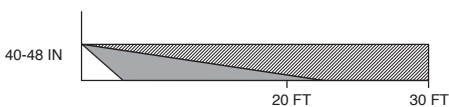
Five-year limited warranty

Sensing Area Coverage

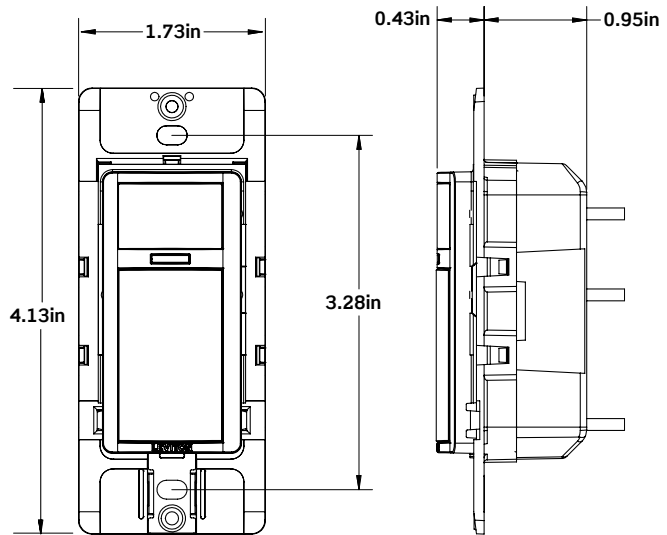
1. Horizontal Field-of-View



2. Vertical Field-of-View



Dimensional Drawings



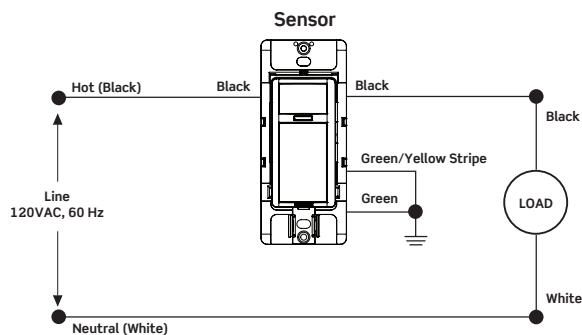
Specifications At-A-Glance

	DOS02	DVS02	DOS05	DVS05
Voltage, frequency 120VAC, 60 Hz	•	•	•	•
Load Rating				
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
Mechanical				
Wiring Required for Operation	Neutral or Earth ground	Neutral or Earth ground	Neutral or Earth ground	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
Features				
180°, 900 Sq. Ft. Coverage	•	•	•	•
Passive Infrared Sensing Technology	•	•	•	•
Time Delay	1, 5, 10 or 20 minutes	1, 5, 10 or 20 minutes	1, 5, 10 or 20 minutes	1, 5, 10 or 20 minutes
Ambient Light Override	•	-	•	-
Adjustable Range	•	•	•	•
Auto/Manual ON	Auto-ON	Manual-ON	Auto-ON	Manual-ON
Certifications				
UL	•	•	•	•
CA Title 24 Code Compliance	•	•	•	•
CA Title 20 Code Compliance*	•	•	•	•
Environmental				
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

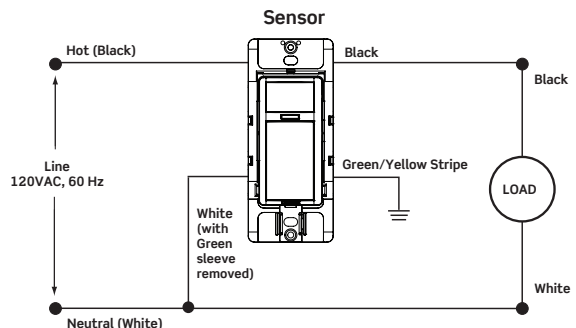
Wiring Diagrams

Cat. Nos. DOS02, DVS02, DOS05, DVS05



Single Pole, No Neutral Wire

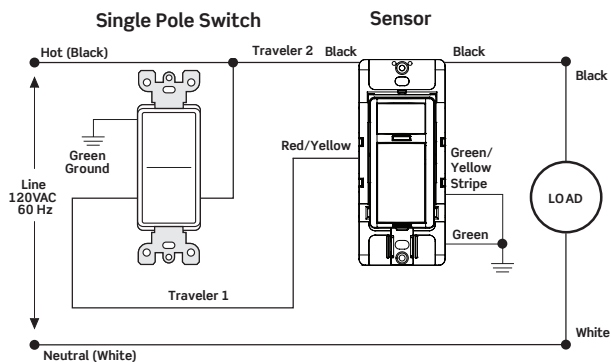
Cat. Nos. DOS02, DVS02, DOS05, DVS05



Single Pole, with Neutral Wire

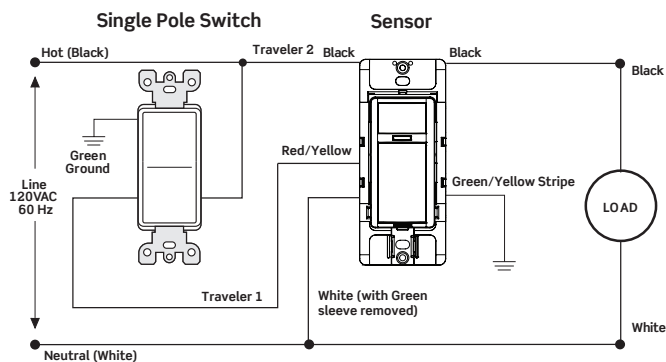
Wiring Diagrams

Cat. Nos. DOS05, DVS05

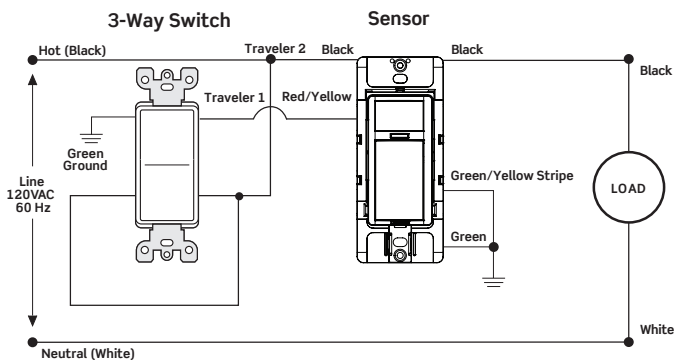


3-Way with Single Pole Switch, No Neutral Wire

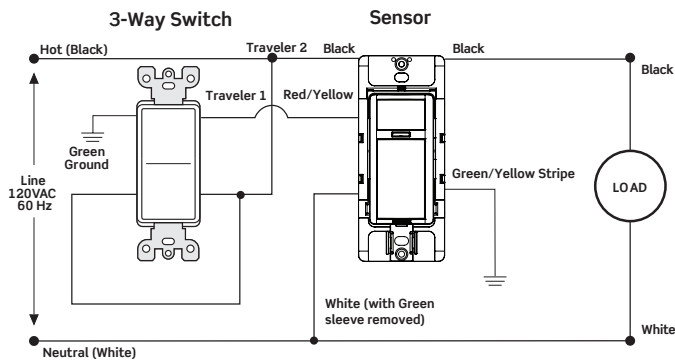
Cat. Nos. DOS05, DVS05



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).



Visit our Website at: www.leviton.com/sensors

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