

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 ${ }^{\circledR}\left(\mathrm{NEC}^{\circledR}\right)$ and can also be used to comply with 2019 and 2022 California Title 24, Part 6 Automaticoff Controls.

## Applications

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


Specifications At-A-Glance

|  | DOS02 | DVS02 | DOD05 |  | DOS05 | DVS05 | DOS15 | DVS15 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Fan Load | Light Load |  |  |  |  |
| Voltage, frequency 120VAC, 60 Hz | - | - | - | - | - | - | - | - |
| Load Rating |  |  |  |  |  |  |  |  |
| LED | 150W | 150W | 300w | 150W | 300W | 300W | 600W | 600W |
| CFL | 150W | 150W | 300W | 150W | 300W | 300W | 600W | 600W |
| Incandescent/Halogen | 250W | 250W | 600W | 250W | 600W | 600W | 1800W | 1800W |
| MLV | 200VA | 200VA | 400VA | 200VA | 400VA | 400VA | 1200VA | 1200VA |
| ELV | 250VA | 250VA | 400VA | 250VA | 400VA | 400VA | 1200VA | 1200VA |
| Fluorescent | - | - | - | - | - | - | 1200VA | 1200VA |
| Motor | - | - | 1/4 hp | - | 1/4 hp | 1/4 hp | 1/2 hp | 1/2 hp |
| Resistive | 2 Amp | 2 Amp | - | 2 Amp | 5 Amp | 5 Amp | 15 Amp | 15 Amp |
| Mechanical |  |  |  |  |  |  |  |  |
| Wiring Required for Operation | Neutral or Earth ground | Neutral or Earth ground | Neutral gro | or Earth ound | Neutral or Earth ground | Neutral or Earth ground | Neutral | Neutral |
| Switching Technology | Relay | Relay | Relay | /Relay | Relay | Relay | Relay | Relay |
| Single Pole/3-Way or Single Pole | Single Pole | Single Pole | Singl Sing | $\begin{aligned} & \text { le Pole/ } \\ & \text { sle Pole } \end{aligned}$ | Single Pole/ 3-Way | Single Pole/ 3-Way | Single Pole/ 3-Way | Single Pole/ 3-Way |
| Features |  |  |  |  |  |  |  |  |
| $180^{\circ}, 900$ Sq. Ft. Coverage | - | - | N/A | - | - | - | - | - |
| Passive Infrared Sensing Technology | - | - | N/A | - | - | - | - | - |
| Time Delay | $1,5,10 \text { or }$ <br> 20 minutes | $1,5,10 \text { or }$ <br> 20 minutes | ```Manual (no timer), 15,30 and 45 minutes``` | $\begin{gathered} 1,5,10 \\ \text { or } 20 \\ \text { minutes } \end{gathered}$ | $\begin{aligned} & 1,5,10 \text { or } \\ & 20 \text { minutes } \end{aligned}$ | $\begin{aligned} & 1,5,10 \text { or } \\ & 20 \text { minutes } \end{aligned}$ | $\begin{aligned} & 1,5,10 \text { or } \\ & 20 \text { minutes } \end{aligned}$ | $\begin{aligned} & 1,5,10 \text { or } \\ & 20 \text { minutes } \end{aligned}$ |
| Ambient Light Override | - | - | N/A | - | - | - | - | - |
| Auto/Manual ON | Auto ON | Manual ON | Manual ON | Auto ON | Auto ON | Manual ON | Auto ON | Manual ON |
| Certifications |  |  |  |  |  |  |  |  |
| CSA | - | - | - | - | - | - | - | - |
| CA Title 24 Code Compliance | - | - | - | - | - | - | - | - |
| Environmental |  |  |  |  |  |  |  |  |
| Operating Temperature $0^{\circ} \mathrm{C}$ to $40^{\circ} \mathrm{C}$ | - | - | - | - | - | - | - | - |
| Relative Humidity 0\% to 95\% non-condensing | - | - | - | - | - | - | - | - |
| Storage Temperature $-20^{\circ} \mathrm{C}$ to $60^{\circ} \mathrm{C}$ | - | - | - | - | - | - | - | - |

## Features and Benefits

- Automatic-ON or Manual-ON models available
- Leaded terminals for easier installation
- 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 $180^{\circ}$ 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 ${ }^{\circledR}$ wiring devices
- Compatible with Decora Plus ${ }^{\text {TM }}$ screwless wallplates
- Color change kits are available

DOS02, DVS02, DOS05, DVS05

- Flexible wiring can be connected to Neutral wire if Neutral is present in the wallbox or Earth ground if no Neutral wire is present in the wallbox
- Interchangeable line and load wires
- DOS05 and DVS05 are Single Pole or 3-way when used with a single pole or 3-way switch


## Sensing Area Coverage

## 1. Horizontal Field-of-View



## 2. Vertical Field-of-View

40-48 IN


## DOS15, DVS15

- Requires a Neutral wire for installation
- Single Pole or 3-way when used with a DDOSR Switch Companion, or can be used in 3-way with an additional DOS15 or DVS15 sensor


## DOD05

- Flexible wiring can be connected to Neutral wire if Neutral is present in the wallbox or Earth ground if no Neutral wire is present in the wallbox
- DOD05 are Single Pole/Single Pole
- Countdown timer on fan and light loads


## Typical Specifications

- Operating temperature range: $0^{\circ}$ to $40^{\circ} \mathrm{C}$
- Non-operating temperature (storage) range: $-20^{\circ}$ to $60^{\circ} \mathrm{C}$
- 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
- Can be used to comply with 2019 and 2022 California Title 24, Part 6 Automatic-off Controls


## Warranty Information

Five-year limited warranty
Dimensional Drawings



Single Pole, No Neutral Wire

Sensor


Single Pole, with Neutral Wire

## Cat. Nos. DOS15, DVS15



Cat. No. DOD05


Single Pole, No Neutral Wire


Single Pole, with Neutral Wire

## Cat. Nos. DOS05, DVS05



3-Way with Single Pole Switch, No Neutral Wire


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


3-Way with Single Pole Switch, with Neutral Wire


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

Cat. Nos. D0S15, DVS1 5


3-Way with 2 DOS15 or DVS15 Sensors

Ordering Information

| Description | Rating（120VAC） |  | Cat．No． | Color＊ |
| :---: | :---: | :---: | :---: | :---: |
| Relay Occupancy Sensor，single pole， $180^{\circ}$ Field－of－View， 900 sq．ft．coverage | 150W LED／CFL，250W Inc／Halogen，250VA ELV， 200VA MLV，2A Resistive |  | DOS02－OL | W |
|  |  |  | DOS02－1L | I，T |
| Relay Vacancy Sensor，single pole $180^{\circ}$ Field－of－View， 900 sq．ft．coverage | 150W LED／CFL， 250 200VA MLV，2A Resistiv | Halogen，250VA ELV， | DVS02－1L | W |
| Relay Occupancy Sensor，single pole／3－way， $180^{\circ}$ Field－of－View， 900 sq．ft．coverage | 300W LED／CFL，600 <br> 1／4 HP Motor，5A Re | Halogen，400VA ELV／MLV， | DOS05－1L | Z |
| Relay Vacancy Sensor，single pole／3－way， $180^{\circ}$ Field－of－View， 900 sq．ft．coverage | 300W LED／CFL，600W <br> 1／4 HP Motor，5A Res | alogen，400VA ELV／MLV， | DVS05－1L | Z |
| Relay Occupancy Sensor，single pole／multi－sensor／multi－way， $180^{\circ}$ Field－of－View， 900 sq．ft．coverage | 600W LED／CFL，1800W MLV／FL， $1 / 2$ HP Moto | Halogen，1200VA ELV／ Resistive | DOS15－1L | Z |
| Relay Vacancy Sensor，single pole／multi－sensor／multi－way， $180^{\circ}$ Field－of－View， 900 sq．ft．coverage | 600W LED／CFL，1800 MLV／FL，1／2 HP Moto | Halogen，1200VA ELV／ Resistive | DVS15－1L | Z |
| Combination Relay Occupancy Sensor with Fan Switch， Single Pole， $180^{\circ}$ Field－of－View， 900 sq．ft．coverage | Fan Load（Blue Wire） 1／4 HP Fan 300W LED／CFL 600W Inc／Halogen 400VA MLV／ELV | Light Load（Red Wire） <br> 150W LED／CFL <br> 250W Inc／Halogen <br> 200VA MLV <br> 250VA ELV <br> 2A Resistive | D0D05－1L | W |

＊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 for Combination Sensors，no icons | DHDKT－00 | W，I，T，G，E，B |

Color change kits available in the following colors：White（ $-W$ ），Ivory（ -1 ），Light Almond（ $-T$ ），Gray（ $-G$ ），Black（ $-E$ ），and Brown（ $-B$ ）．
（
ivory（－1）


## LEVITON。

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