CD-250 – PIR DIMMING MULTI-WAY WALL SWITCH VACANCY SENSOR

This is the PIR dimming multi-way wall switch vacancy sensor. The CD-250 PIR Dimming Multi-Way Vacancy Sensor provides preset dimming control and automatic lighting shutoff for a variety of applications including those with multiple switch locations. It is engineered to comply with specific provisions of California's Title 24-2013 energy code. The CD-250 operates as a manual-on sensor. Users must press the pushbutton to turn on lighting. Once lighting is on, the dimming level may be adjusted by pressing and holding the pushbutton. The CD-250 employs PIR technology to sense the difference between the infrared energy from a person in motion and the background space. It keeps lighting on as long as motion is detected and provides automatic shutoff, following a user selected time delay, when motion is no longer detected. Users may turn the lighting off manually. The next time the CD-250 is turned on, the lighting will come on to the last light level. The CD-250 can dim incandescent loads from a minimum level of 10% to a maximum level of 100%. When the pushbutton is pressed and held, the CD-250 will fade the lights up and down in a continuous cycle until the pushbutton is released. The dimming direction may be reversed by momentarily releasing the pushbutton and then pressing it again. Lighting may be controlled from multiple locations by connecting additional CD-250s and/or RH-253 Single Pole Momentary Switches. When

additional CD-250s are connected, each device provides full on/off and dimming control. Connected RH-253s provide on/off control only. **Check out Wattstopper DLM products here.**

- Replaces single- or multi-pole switches or incandescent dimmers
- Provides multi-way control when used with other CD-250s or RH-253s
- Adjustable time delay, 15 seconds to 30 minutes
- Lighted switch for visibility in darkened rooms
- Low-profile styling
- Choice of five decorator colors; lens is color matched to device
- Soft-start technology to prolong lamp life
- Air gap isolation switch for safe re-lamping
- Compatible with decorator wall plates
- CA Title 24 compliant

CH-250 – PIR MULTI-WAY WALL SWITCH VACANCY SENSOR

This is the PIR multi-way wall switch vacancy sensor. The CH-250 Passive Infrared (PIR) Multi-way Vacancy Sensor provides automatic lighting shutoff for a variety of applications including those with multiple switch locations. It is engineered to comply with specific provisions of

California’s Title 24-2013 energy code. The CH-250 operates as a manual-on sensor. Users must press the pushbutton to turn on lighting. The CH-250 employs PIR technology to sense the difference between the infrared energy from a person in motion and the background space. It keeps lighting on as long as motion is detected and provides automatic shutoff, following a user-selected time delay, when motion is no longer detected. Users may turn the connected load off manually. A CH-250 connected to other CH-250s and/or RH-253 Decorator Single Pole Momentary Switches provides true multi-way on/ off control. An occupant simply presses the on/off pushbutton of any connected device to turn on the lighting. Lights remain on as long as one of the CH-250s continues to detect occupancy. The user may turn off the lighting by pressing the on/off button on any of the connected devices. If the room becomes vacant and lights are on, they will be switched off automatically following the time delay of the last CH-250 to detect occupancy. **Check out Wattstopper DLM products here.**

- Complies with 2011 NEC requirements
- Replaces single- or multi-pole switches
- Provides multi-way control when used with other CH-250s or RH-253s
- Adjustable time delay, 15 seconds to 30 minutes
- Lighted switch for visibility in darkened rooms
- Low-profile styling
- Choice of five decorator colors; lens is color-matched to device
- Operates most common types of lighting
- Relay-based switching
- No current leakage to load in off mode for safety
- Compatible with decorator wall plates
- CA Title 24 compliant

CS-50 – PIR WALL SWITCH VACANCY SENSOR

This is the PIR wall switch vacancy sensor. The CS-50 Passive Infrared (PIR) Vacancy Sensor provides automatic shutoff for single-pole lighting control applications. It is engineered to comply with specific provisions of California's Title 24-2013 energy code. The CS-50 operates as a manual-on sensor. Users must press the pushbutton to turn on lighting. The CS-50 employs PIR technology to sense the difference between the infrared energy from a person in motion and the background space. It keeps lighting on as long as motion is detected and provides automatic shutoff, following a user-selected time delay, when motion is no longer detected. Users may turn the lighting off manually. The CS-50 is shipped preset for a 30 minute time delay, and does not require any adjustment after installation. If desired, the time delay may be easily reduced to 25, 20, 15, 10 or 5 minutes or to 30 seconds. The time delay should be set relative to the anticipated duration of stay and level of activity in the room; 30 minutes for guest room and executive restroom, and 5 to 10 minutes for pantries and laundry rooms. **Check out Wattstopper DLM products here.**

- Replaces single-pole switches
- Adjustable time delay, 30 seconds to 30 minutes
- If enabled, status indicator blinks when motion is detected
- Low-profile styling
- Choice of five decorator colors; lens is color-matched to device

- Operates most common types of lighting or fan motors
- Relay-based switching
- No current leakage to load in off mode for safety
- Compatible with decorator wall plates
- CA Title 24 compliant

DSW-200 – DUAL TECHNOLOGY WALL SWITCH SENSOR W/ 2-RELAYS

This is the dual technology wall switch sensor w/ 2-relays. The DSW-200 dual technology wall switch sensor turns lights ON and OFF based on occupancy and contains two relays for controlling two independent lighting loads or circuits. It combines the benefits of passive infrared (PIR) and ultrasonic detection technologies for high sensitivity to small and large movements. The DSW-200 replaces existing wall switches and fits a standard decorator wall plate.

Each of the DSW-200’s relays can control a separate lighting load. By default, when the PIR sensor detects occupancy, relay 1 turns ON automatically. Detection by either PIR or ultrasonic technology holds lights ON. When occupancy is no longer detected and the time delay elapses, lights automatically turn OFF. Dual ON/OFF buttons allow the user to

turn on and off each of the loads manually. DIP switch settings allow for a variety of control options such as Auto-ON or Manual-ON for each relay, walk-through, and test mode. **Check out Wattstopper DLM products here.**

DSW-301 – DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR

This is the dual technology wall switch occupancy sensor. The DSW-301 dual technology wall switch sensor turns lights OFF and ON based on occupancy. It combines the benefits of passive infrared (PIR) and ultrasonic detection technologies. The DSW-301 replaces existing wall switches and fits behind a standard decorator wall plate. Once the lights are ON, detection by either technology holds lights ON until occupancy is no longer detected and the time delay elapses. Factory default operation is for Manual-ON, so that users must turn lights on. DIP switch settings allow for a variety of control options including Auto-ON operation, walk-through and test mode. In Auto-ON mode, the DSW-301 turns lighting on when the PIR sensor detects occupancy. Additional DIP switch settings allow the user to choose which sensing technologies hold ON or retrigger the lighting. Multiple sensors may be used for control of one or more loads from up to four locations. The DSW-301 sensor uses a patent pending Neutral Sense Technology. Any DSW-301 sensor can be used for a two-wire or three wire

application, either to work with existing wiring, or to meet local or national code requirements. An easy-to-break plastic tab covers neutral screw terminals. Once the sensor is connected to neutral it complies with all codes that restrict current leakage to ground. **Check out Wattstopper DLM products here.**

- Complies with 2011 NEC requirements
- Zero-crossing for long relay life
- Vandal resistant lens combines precise coverage with durability
- Selectable walk-through mode turns lights off three minutes after initial occupancy if no motion is detected after the first 30 seconds
- Test mode allows quick and easy adjustments
- Selectable audible alert for impending shutoff
- In automatic mode, sensor returns automatically to Auto-ON after lights are turned off manually; ideal for presentations
- Four occupancy logic options to customize control to meet application needs
- Optional light level sensing with simple setup
- Service mode allows sensor to operate as a service switch in the unlikely event of a failure
- Sensor coverage tested to NEMA Guide Publication WD 7-2000

DSW-302 – DUAL TECHNOLOGY DUAL RELAY WALL SWITCH

OCCUPANCY SENSOR

This is the dual technology dual relay wall switch occupancy sensor. The DSW-302 dual technology wall switch sensor turns lights ON and OFF based on occupancy and contains two relays for controlling two independent lighting loads or circuits. It combines the benefits of passive infrared (PIR) and ultrasonic detection technologies for high sensitivity to small and large movements. The DSW-302 replaces existing wall switches and fits a standard decorator wall plate. Each of the DSW-302's relays can control a separate lighting load. By default, when the PIR sensor detects occupancy, relay 1 turns ON automatically. Remaining lighting must be turned on manually. Detection by either PIR or ultrasonic technology holds lights ON. When occupancy is no longer detected and the time delay elapses, lights automatically turn OFF. Dual ON/ OFF buttons allow the user to turn on and off each of the loads manually. DIP switch settings allow for a variety of control options such as Auto-ON or Manual-ON for each relay, walkthrough, and test mode. Multiple sensors may be used for control of one or more loads from up to four locations. The DSW-302 sensor uses a patent pending Neutral Sense Technology. Any DSW-302 sensor can be used for a two-wire or three wire application, either to work with existing wiring, or to meet local or national code requirements. An easy-to-break plastic tab covers neutral screw terminals. Once the sensor is connected to neutral it complies with all codes that restrict current leakage to ground. **Check out Wattstopper DLM products here.**

- Complies with 2011 NEC requirements

- Zero-crossing on both relays for long relay life
- Vandal resistant lens combines precise coverage with durability
- Selectable walk-through mode turns lights off three minutes after the room is initially occupied if no motion is detected after the first 30 seconds
- Selectable audible alert for impending shutoff
- In automatic mode, sensor returns automatically to Auto-ON after lights are turned off manually; ideal for presentations
- Test mode allows quick and easy adjustments
- Four occupancy logic options to customize control to meet application needs
- Optional light level sensor holds secondary lights off when ambient lighting is above the preset level
- Service mode allows sensor to operate as a service switch in the unlikely event of a failure
- Sensor coverage tested to NEMA Guide Publication WD 7-2000

HW13 – HALLWAY OCCUPANCY SENSOR

Long, narrow PIR detection for control of hallway lighting.

- 100% Digital PIR detection

- Coverage up to 130 ft. (39.62m)
- Push button programmable
- Adjustable time delays
- Convenient test mode
- No field calibration or sensitivity adjustments required
- 100 hr. lamp burn-in timer
- Recommended Power Pack: PP20

LMDW-100 SERIES – DUAL TECHNOLOGY WALL SWITCH

This is the dual technology wall switch. LMDW-100 Series Digital Dual Technology Wall Switch Occupancy Sensors use PIR and ultrasonic technology to detect occupancy for energy-efficient control of lighting and plug loads. They also include one or two switch buttons for manual control of selected loads, and are part of a Wattstopper Digital Lighting Management (DLM) system. **Check out Wattstopper DLM products here.**

FEATURES:

- Plug n’ Go™ automatic configuration for quick

installation and maximum energy savings
- Push n’ Learn™ functionality for customization without the need for tools or a PC
- Infrared (IR) transceiver for wireless configuration and control
- Sleek single gang devices fit decorator wall plates; 1- and 2-button models; six color options
- Sensors may be used for multi-way control
- Each switch button can control individual or multiple loads, or one scene; LED indicates status
- Each switch button can be used to raise or lower load levels
- Detection Signature Processing eliminates false triggers and provides immunity to RFI and EMI
- Sensor coverage tested to NEMA Guide Publication WD 7-2000
- This product meets the materials restrictions of RoHS

LMPX-100 – PIR CORNER MOUNT OCCUPANCY SENSOR

This is the PIR corner mount occupancy sensor. The LMPX-100 Digital PIR Corner Mount Occupancy Sensor uses passive infrared (PIR) technology and one of four lenses to detect occupancy in different types of spaces for energy-efficient control of lighting and plug loads. It is a digital sensor,

and is part of a Wattstopper Digital Lighting Management (DLM) system. **Check out Wattstopper DLM products here.**

FEATURES:

- Plug n’ Go™ automatic configuration for quick installation and maximum energy savings
- Push n’ Learn™ functionality for customization without the need for tools or a PC
- Digital Lighting Management components plug together on a free-topology Category 5e DLM local network
- Infrared (IR) transceiver for wireless configuration and control
- Detection Signature Processing eliminates false triggers and provides immunity to RFI and EMI
- Sensor coverage tested to NEMA Guide Publication WD 7-2000
- The product meets the materials restrictions of RoHS
- BAA/TAA-compliant models available

LOS-WDT-R-WH – 1600 SQUARE FT 110° FOV DUAL TECHNOLOGY WALL MOUNT OCCUPANCY SENSOR

- Can be used with more than 3 sensors per input

- Intelligent, continually adapting sensor
- Ultrasonic (US) combined with Passive Infrared (PIR) sensing provide high sensitivity, high noise immunity, and excellent false tripping immunity
- Suited for complex environments that are difficult to control with single-technology sensors
- Use in rooms with pendant fixtures and storage areas
- Non-Volatile Memory: settings saved in protected memory are not lost during power outages

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LOS-WDT-WH – 1600 SQUARE FT 110° FOV DUAL TECHNOLOGY WALL MOUNT OCCUPANCY SENSOR

- Intelligent, continually adapting sensor
- Ultrasonic (US) combined with Passive Infrared (PIR) sensing provide high sensitivity, high noise immunity, and excellent false tripping immunity
- Suited for complex environments that are difficult to control with single-technology sensors
- Use in rooms with pendant fixtures and storage areas
- Non-Volatile Memory: settings saved in protected memory are not lost during power outages

LOS-WIR-WH – 1600 SQUARE FT 110° FOV INFRARED WALL MOUNT OCCUPANCY SENSOR

- Intelligent, continually adapting Passive Infrared (PIR) sensor
- Passive Infrared (PIR) sensing
- Reliable motion detection with high error immunity
- Use in rooms with pendant fixtures and storage areas
- Non-Volatile Memory: settings saved in protected memory are not lost during power outages