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