



Wattstopper
Dual Tech Wall Switch Occupancy Sensor, 120/277V, Red
Part No. DSW-302-R



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.

Features & Benefits

Collection consolidated of in 347 V to white option

High sensitivity and dense coverage for exceptional performance

Two relays for control of two separate lighting loads or circuits

Color-matched lens and low profile for appealing design

120/240/277 VAC and 347 VAC models

Defaults to Manual-ON operation for maximum energy savings

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Specifications

General Info

Product Line	Wattstopper	Color	Red
Finish	Glossy	UPC Number	754182935499
Country Of Origin	China	Product Series	DSW-302
Features	Adjustable Time Delay, Dual Relay, Indicator Lights, Light Level Sensor, Sensitivity Adjustment, Test Mode, Walkthrough Mode	Switch Type	Motion Sensor, Push
Installation Location	Wall	Included	Mounting Screws

Application Sector	Commercial	Standard	UL, cUL, FCC part 15, Complies with 2017 NEC requirements, RoHS
Warranty Type	5-Year	Type	Sensor, Switch
Dimensions			
Product Width US	1.8 in	Product Weight US	0.3 lb
Product Volume US	35.1 cu in	Product Depth US	1.8 in
Product Height US	4.1 in		
Additional Information			
RoHS Compliant	Yes		
Technical Information			
Operating Temperature Min	32 °F	Timer Type	DIP Switch
Load Rating	1000 W @ 120 VAC, 1200 W @ 240/277 VAC	Ultrasonic Frequency	40 kHz
Has Battery	No	Sensor Coverage Pattern	180 deg
Sensor Type	Occupancy	Operating Temperature Max	131 °F
Sensor Mounting Height	4 ft	Number of Buttons	2
Number of Rockers	0	Sensor Technology	Dual Technology, Passive Infrared (PIR), Ultrasonic
Timer Duration	5 Minutes, 15 Minutes, 30 Minutes	Number of Poles	Multi-Location
Indicator	PIR Detection LED, Selectable audible alert for impending shutoff, Ultrasonic Detection LED	Input Voltage	120/277 VAC
Requires Neutral Wire	No	Line Frequency	50 Hz, 60 Hz

Indoor/Outdoor	Indoor	Mounting Type	In-Wall
On Function	Selectable Auto/Manual	Operating Temperature	0°-55°C, 32°-131°F
Operating Humidity	5-95% RH (Non-Condensing)	Sensing Range	Major motion: PIR 35 x 30 ft, Ultrasonic 20 x 20 ft, Minor motion: PIR 20 x 15 ft, Ultrasonic 15 x 15 ft
Wire Connection Type	Flying Leads	Engraving Type	Blank
Storage Temperature	23° - 176° F, -5° - 80° C		