



Pass and Seymour  
PlugTail Dual-Tech Multi-Way Single Relay Occupancy Sensor, Red  
Part No. PTDSW301RED



The PTDSW-301 dual technology wall switch sensor controls lights based on occupancy. It combines the benefits of passive infrared (PIR) and ultrasonic detection technologies. The PTDSW-301 replaces existing wall switches and fits behind a standard decorator wall plate.

## Features & Benefits

PlugTail Devices install up to 5 times faster than traditional devices.

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.

## Specifications

### General Info

Product Line	Pass & Seymour	Color	Red
Finish	Matte	UPC Number	785007381788
Country Of Origin	China	Features	Adjustable Time Delay, Light Level Sensor, Motion Sensor
Switch Type	Motion Sensor, sofTap, Switch	Number of Switches	1
Installation Location	Wall Box	Application Sector	Industrial

Standard	RoHS, cULus	Warranty Type	5-Year
Dimensions			
Product Width US	3.0 in	Product Weight US	0.38 lb
Product Height US	4.8 in	Product Length US	2.44 in
Listing Agencies / 3rd Party Agencies			
cULus ListingNumber	E101196	cULus Listed	Yes
Additional Information			
RoHS Compliant	Yes	Product Has Potential to Contribute to LEED	Yes
Technical Information			
Load Rating	120V 1000W (Ballast), 120V 1000W (LED), 240/277V 1200W (Ballast), 240/277V 1200W (LED)	Seismic Tested	No
Horsepower Rating	1/4 HP @ 120 VAC/277VAC	Sensor Coverage Pattern	180 deg
Sensor Type	Occupancy, Vacancy	Timer Duration	20 Minutes, 5-30 Minutes
Number of Poles	Multi-Location, Single Pole 3 Way	Wire Size	#14 - #10 AWG
Indicator	Selectable audible alert for impending shutoff	Input Voltage	120/277VAC
Indoor/Outdoor	Indoor	Sensor Coverage	1000 sq ft
Mounting Type	Wall Box	On Function	Selectable Auto/Manual
Operating Humidity	0-95% RH (Non-Condensing)	Sensing Range	Major Motion 35 ft, Minor Motion 20 ft
Wire Connection Type	Flying Leads, PlugTail	Voltage	120/277 VAC

Connection Type	Wired	Load Type	CFL, Fan Motor, Fluorescent, Halogen, Incandescent, LED
Environmental Conditions	95% (relative humidity, non-condensing)		