

# Securitron WSS Wave Sense® Technology

ASSA ABLOY

The global leader in  
door opening solutions



A new class of motion sensing technology for hands-free, contactless switch activation.

## Reliable Technology

- Active microwave motion sensor using Doppler radar
- FCC certified for use in general and medical environments
- Adjustable sensing zone (from 4" to 24") helps screen out incidental traffic

## Versatile Design

- Pulse mode to initiate action or toggle mode to provide on/off switch
- Available in single gang or double gang
- Mounting ring included or install in standard plastic or metal gang box

## Multiple Applications

- Hands-free, germ-free activation for healthcare applications
- Use for request to exit (REX) activation to trigger a variety of access control devices in place of a push plate or push button
- Use for contactless on/off switching



MagnaCare  
Warranty



Auto Sensing  
Dual Voltage  
12/24

# Microwave | Motion Sensor & Switch | No-Touch Activation



## Need an Outdoor Solution?



WCC



WBB

WCC and WBB allow the Wave Sense Switch to be mounted in outdoor locations, not directly exposed to rain or snow

## Specifications

### Certifications

- Electromagnetic compatibility to 2004/108/EC
- FCC: G9B-MS08 and IC: 4680A-MS08

### Dimensions

- Single gang faceplate  
4-1/2" x 2-3/4" [114mm x 70mm]
- Double gang faceplate  
4-1/2" x 4-1/2" [114mm x 114mm]

### Electrical

- Self-sensing 12 or 24 VDC or AC input ( $\pm 10\%$ )

### Maximum Power Consumption

- Less than 1.5W (125 mA at 12 VDC)  
1A SPDT contact can be operated in toggle or pulse mode
- Pulse output: 0.5 seconds

### Operating Temperature

- $-4^{\circ}$  to  $131^{\circ}\text{F}$  [ $-20^{\circ}$  to  $55^{\circ}\text{C}$ ]
- Indoor use

### Shipping Weight

- 0.5 lbs

## Features

### Standard Features

- Active microwave motion sensing using Doppler radar that is more reliable than infrared sensors
- Adjustable sensing zone from 4" to 24" (102mm to 610mm) helps screen out incidental traffic
- FCC certified for use in general and medical environments
- Touchless activation for hands-free operation, reduces transmission of germs
- Pulse mode to initiate action or toggle mode to provide on/off switch
- Mounting ring included or install in standard plastic or metal gang box
- Water-resistant foam gasket included
- MagnaCare® lifetime replacement, no-fault, no questions asked warranty

### Optional Features

- Weather-resistant cover
- Weather-resistant backbox
- Offered in a single-gang or double-gang model

ESH-SEC-29-0818

ELECTRONIC SECURITY HARDWARE

HES | Securatron

assaabloyesh.com | 800.626.7590 | 10027 S. 51<sup>st</sup> Street, Ste. 102 Phoenix, AZ 85044 USA

Patent pending and/or patent [www.assaabloydss.com/patents](http://www.assaabloydss.com/patents)  
Copyright © 2018, Hanchett Entry Systems, Inc., an ASSA ABLOY Group company. All rights reserved. Reproduction in whole or in part without the express written permission of Hanchett Entry Systems, Inc. is prohibited.