



## MS11

Touchless activation plate for areas needing highly accessible and germ-free activation.



### Reliable Detection

Microwave Doppler Radar technology provides consistent detection, no matter the environment



### Adjustable Range

Adjustable sensing zone from 2 – 24 inches (pulse or toggle)



### IP Rating for Harsh Environments

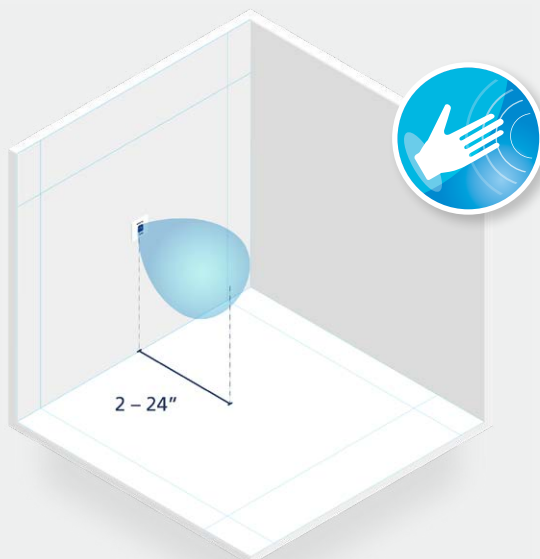
IP65 rated enclosure capable of use in industrial and extreme wash-down environments



### Robust Design

Stainless steel faceplate and robust design for tough operating conditions

## TECHNOLOGY



### MICROWAVE DOPPLER RADAR

Radar technology, also called microwave technology, is based on the Doppler Effect. The radar sensor continuously emits microwaves with a certain frequency in a defined area. These microwaves are reflected back to the sensor by all of the objects present in its environment.

#### Common Objects:

- Hand
- Wheelchair
- Cart

Once movement occurs in the detection field, the microwaves come back to the sensor with a different frequency, resulting in a detection.

## ▽ COMMON APPLICATIONS



### REQUEST-TO-EXIT

Program '2-relay sequencer + door position' to increase security and accessibility.

Related Products:

- MS11
- FLY KIT
- BR3-X (function 28)
- UL LISTED MAGLOCK or ELECTRIC STRIKE



### EASY RETROFIT

Retrofit transmitter eliminates the need for additional power wires, making retrofitting easy.

Related Products:

- MS11
- TD900TR retrofit transmitter



### INTERLOCK SEQUENCING

Adding logic provides sequencing to allow access through one door at a time.

Related Products:

- MS11
- BR3-X (function 50)



### WASH-DOWN RESISTANT

IP rating helps keep the critical electrical components safe from environmental damage over time.

Related Products:

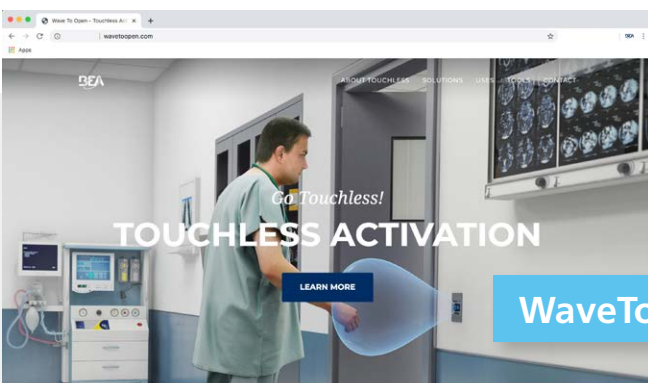
- MS11

## ▽ TECHNICAL SPECIFICATIONS

<b>Technology</b>	Microwave Doppler Radar
<b>Detection Mode</b>	Motion (bidirectional), toggle or Timed Mode
<b>Sensing Zone*</b>	2 – 24" (adjustable)
<b>Hold Time</b>	1 – 30 s
<b>Alert Settings</b>	
Audible Alert	Silent Mode or Signal Mode
Visual Alert	Blue (Stand-by), Green (Activation)
<b>Supply Voltage</b>	12 – 24 VAC / VDC or 5 VDC
<b>Current Consumption</b>	< 2.8 W
<b>Temperature Range</b>	-22 – 158 °F

<b>Enclosure Rating</b>	IP65
<b>Relay</b>	1-Form C Solid State Relay
<b>Wire</b>	1 A 30 VAC / VDC (max)
<b>Dimensions</b>	
Single Gang	2.75" (W) × 4.5" (H) × 0.98" (T)
Double Gang	4.5" (W) × 4.5" (H) × 0.98" (T)
Jamb Style	1.68" (W) × 4.5" (H) × 0.98" (T)
<b>Wire Harness Length</b>	12"
<b>Material</b>	Stainless Steel (faceplate) / ABS (center)

\*See User's Guide



**Product Questions?**

Call BEA's Service Team:  
1.800.523.2462