



# MS11 touchless actuator

## Automatic swinging doors

### Description

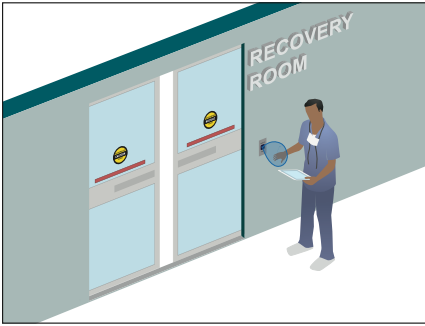
The MS11 touchless activation device is designed to reduce the spread of germs and improve accessibility in healthcare, retail, industrial, and commercial applications. The MS11 has been built to withstand the extreme rigors of fast-paced and sanitary environments.

The flush-mount MS11 is a durable stainless steel device utilizing adjustable range microwave technology. The MS11's illuminated center and audible signaling confirm activation and encourage proper touchless use. The MS11 detects moving objects such as a hand, cart, or wheelchair.

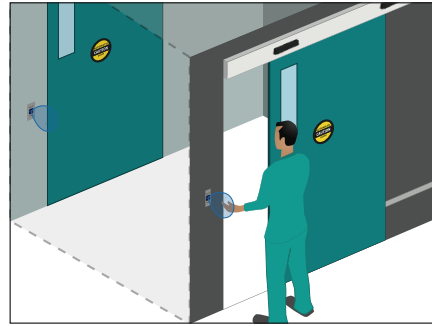
### Features & benefits

- NEMA 4 (IP65) enclosure capable of use in industrial and extreme wash down environments.
- Illuminated blue center changes to green upon signal reception / activation.
- Adjustable motion sensing zone from 2" – 24" (pulse or toggle).
- Adjustable audible alert setting, including silent mode required for hospitals and other noise-sensitive environments.
- Configurable output hold time of 1 – 30 seconds, allowing unique, user-defined device placement.
- Compatible with all automatic door control makes and models.

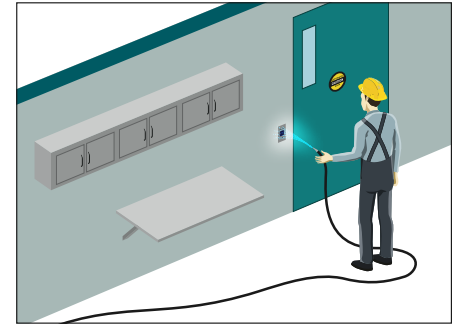
**Applications**



Healthcare environments



Clean room and sterile facilities

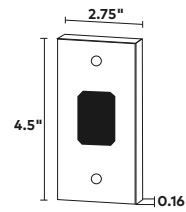


Washdown resistant

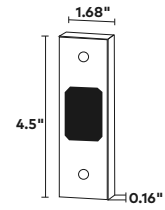
**Technical specifications**

<b>Technology</b>	Microwave doppler radar
<b>Detection mode</b>	Motion (bi-directional), toggle, or timed mode
<b>Sensing zone *</b>	2" – 24" (adjustable)
<b>Hold time</b>	1 s – 30 s
<b>Alert settings</b>	
Audible alert	Silent mode or signal mode
Visual alert	Blue (standby), 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°F – 158°F
<b>Enclosure rating</b>	NEMA 4 / IP65
<b>Relay</b>	1-Form C solid state relay 1 A 30 VAC / VDC (max)
<b>Dimensions</b>	
Single gang	2.75" (W) × 4.5" (H) × 0.98" (D)
Double gang	4.5" (W) × 4.5" (H) × 0.98" (D)
Jamb	1.68" (W) × 4.5" (H) × 0.98" (D)
<b>Wire harness length</b>	12"
<b>Material</b>	Stainless steel (faceplate) / ABS (center)

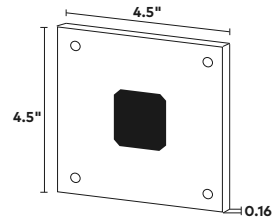
**MS11 touchless actuator dimensional drawings**



Single gang



Jamb style



Double gang

\* See User's Guide

**MS11 microwave touchless actuator**



**DX3339-185**  
STAINLESS STEEL  
SINGLE GANG



**DX3339-187**  
STAINLESS STEEL  
JAMB STYLE



**DX3339-186**  
STAINLESS STEEL  
DOUBLE GANG



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