



# MS41

STAINLESS STEEL, TOUCHLESS ACTUATOR WITH ADJUSTABLE RANGE AND RELAY HOLD TIME

## DESCRIPTION

BEA's **MAGIC SWITCH® Family** provides a highly accessible and germ-free door activation without physical contact. Reduce touchpoints in fast-paced environments that depend on sanitation like healthcare, retail, industrial and commercial settings.

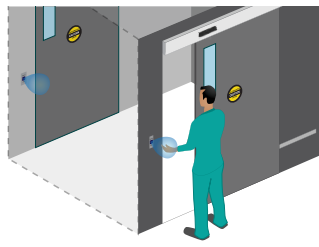
Using microwave technology, BEA's **MS41** produces a detection field with a reliable and consistent transmission in interior and exterior applications. Capable of detecting a moving hand, cart or wheelchair. Plus, an adjustable hold time offers flexibility to meet ANSI standards.

The **MS41** features rounded corners and a customizable illuminated ring with audible signaling. The durable design suits sterile, wash-down applications such as surgical, wash-down, clean room and pharmaceutical environments.

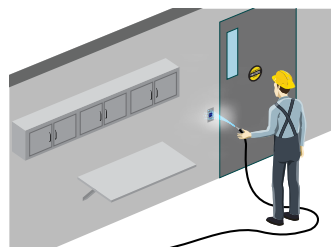
## APPLICATIONS



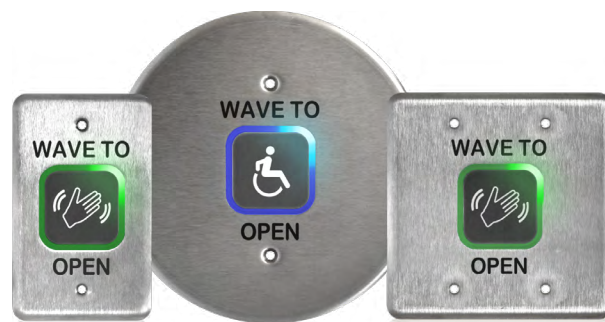
Healthcare Environments



Clean Rooms and Sterile Facilities



Washdown Resistant



## TECHNICAL SPECIFICATIONS

<b>Technology</b>	Microwave Doppler Radar
Radiated Frequency	24.125 GHz
Radiated Power Density	< 5 mW/cm <sup>2</sup>
<b>Detection Mode</b>	Motion (bidirectional)
<b>Detection Range</b>	4 – 24" (adjustable)
<b>Output</b>	Relay with switch-over contact (voltage-free)
Max. Contact Voltage	60 VDC / 125 VAC
Max. Contact Current	1A (resistive)
Max. Switching Power	30W DC / 60 VAC
<b>Output Hold Time</b>	0.5 – 30 s
<b>Supply Frequency</b>	50 – 60 Hz
<b>Supply Voltage</b>	12 – 24 VAC ±10%, 12 – 24 VDC +30% / -10%
<b>Power Consumption</b>	< 1.5 W
<b>Wire Gauge</b>	26 – 22 AWG
<b>Weight</b>	0.34 lbs
<b>Material</b>	Stainless Steel
<b>Temperature Range</b>	-4 – 131 °F
<b>IP Rating*</b>	IP55
	Apply silicone to achieve IP65

## Dimensions

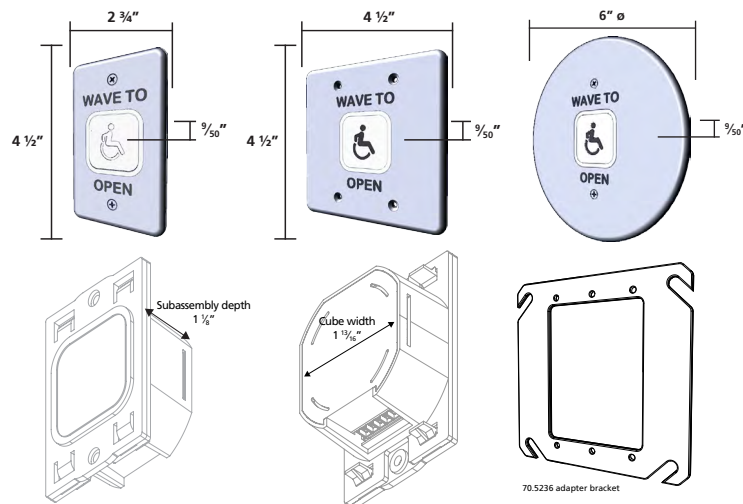
Single Gang	4 ½" (H) × 2 ¾" (W) × ⅝" (T)
Double Gang	4 ½" (H) × 4 ½" (W) × ⅝" (T)
Round	6" (D) × ⅝" (T)
Cube	2 ⅛" (H) × 1 ⅜" (W) × 1 ⅛" (T)

## Certification

EMC: 2004 / 108 / EC  
FCC: G9B-210161  
IC: 4680A-210161

\* See Users Guide

\*\* MS41 Single, Double and Round adapter bracket 70.5236 is included in the box. The adapter bracket can be used to replace a mudring whose opening measures less than 2"



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