



# MS41

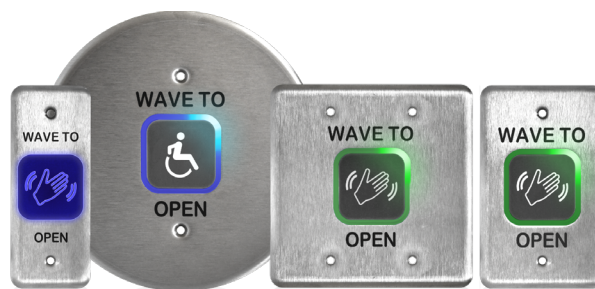
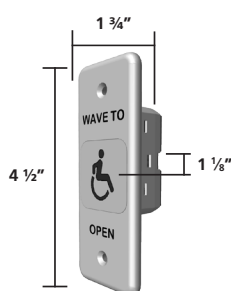
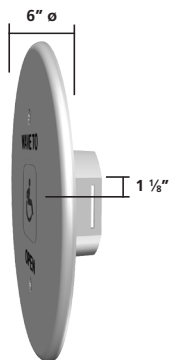
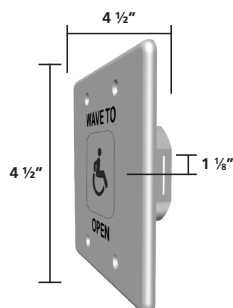
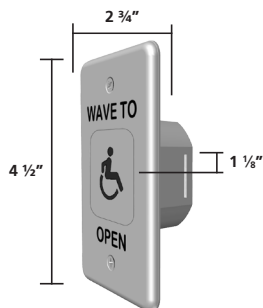
STAINLESS STEEL, TOUCHLESS ACTUATOR WITH ADJUSTABLE RANGE AND RELAY HOLD TIME

## 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.



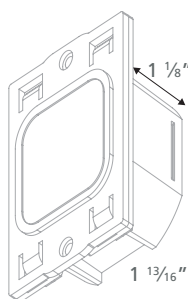
## TECHNICAL SPECIFICATIONS

<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	30 W / 60 VA (AC)
<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)
<b>Dimensions (overall)</b>	
Single Gang	4 1/2" (H) × 2 3/4" (W) × 1 1/8" (T)
Double Gang	4 1/2" (H) × 4 1/2" (W) × 1 1/8" (T)
Round	6" (H/W) × 1 1/8" (T)
Jamb	4 1/2" (H) × 1 3/4" (W) × 1 1/8" (T)
<b>Certification</b>	EMC: 2004 / 108 / EC FCC: G9B-210161 IC: 4680A-210161

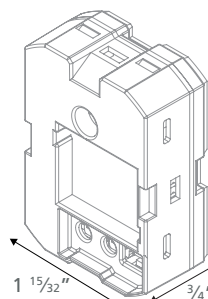
\* Applicable to single gang, double gang, and round versions only. Harness is provided with jamb version.

\*\* See User's Guide

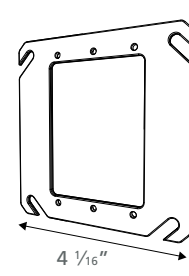
MS41-S/D/R CUBE:



MS41-J CUBE:



ADAPTER BRACKET:



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