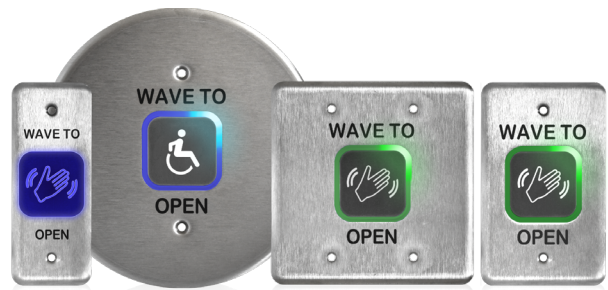




MS41

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



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TECHNOLOGY



CERTIFICATIONS



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.



Durable Faceplate

Stainless steel faceplate increases durability and protection from daily cleaning

Ideal For Harsh Environments

IP55 rated enclosure capable of use in industrial and extreme washdown environments

High-Visibility

Animated or static illuminated ring allows for high-visibility in low light areas

Adjustable Detection Zone

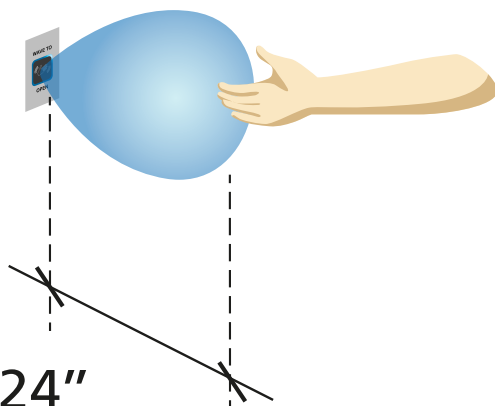
Adjustable sensing zone from 4 to 24 inches (timed or toggle)

Activation Alerts

Adjustable audible alert setting, including silent-mode required for hospitals and other noise-sensitive environments

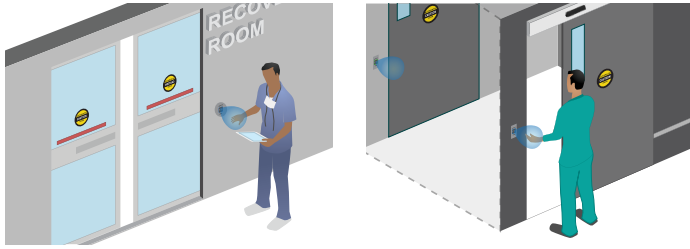
Adjustable Hold Time

Configurable output hold time of ½ to 30 seconds allowing unique, user-defined device placement



4 - 24"

APPLICATIONS



Healthcare Environments

Clean Rooms and Sterile Facilities





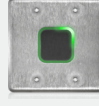






TECHNICAL SPECIFICATIONS

Technology	Microwave Doppler Radar
Radiated Frequency	24.125 GHz
Radiated Power Density	< 5 mW/cm ²
Detection Mode	Motion (bidirectional)
Detection Range	4 – 24" (adjustable)
Output	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)
Output Hold Time	0.5 – 30 s
Supply Frequency	50 – 60 Hz
Supply Voltage	12 – 24 VAC ±10% 12 – 24 VDC +30% / -10%
Power Consumption	< 1.5 W
Wire Gauge*	26 – 22 AWG
Weight	0.34 lbs
Material	Stainless Steel
Temperature Range	-4 – 131 °F
IP Rating**	IP55 (apply silicone to achieve IP65)
Dimensions (overall)	
Single Gang	4 ½" (H) × 2 ¾" (W) × 1 ⅛" (T)
Double Gang	4 ½" (H) × 4 ½" (W) × 1 ⅛" (T)
Round	6" (H/W) × 1 ⅛" (T)
Jamb	4 ½" (H) × 1 ¾" (W) × 1 ⅛" (T)
Certification	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

PRODUCT SERIES

 <p>10MS41-S Stainless steel single gang - text + hand logo</p>	 <p>10MS41-SA Stainless steel single gang - text + accessibility logo</p>	 <p>10MS41-SP Stainless steel single gang - plain</p>
 <p>10MS41-D Stainless steel double gang - text + hand logo</p>	 <p>10MS41-DA Stainless steel double gang - text + accessibility logo</p>	 <p>10MS41-DP Stainless steel double gang - plain</p>
 <p>10MS41-R Stainless steel round plate - text + hand logo</p>	 <p>10MS41-RA Stainless steel round plate - text + accessibility logo</p>	 <p>10MS41-RP Stainless steel round plate - plain</p>
 <p>10MS41-J Stainless steel jamb - text + hand logo</p>	 <p>10MS41-JA Stainless steel jamb - text + accessibility logo</p>	 <p>10MS41-JP Stainless steel jamb - plain</p>

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

MOUNTING OPTIONS

 <p>10MSBOXSGSM Box, MAGIC SWITCH, single gang, surface-mount</p>	 <p>10MSBOXDGSM Box, MAGIC SWITCH, double gang, surface-mount</p>	 <p>10MSBOXRNDISM Box, MAGIC SWITCH, 6" round, surface-mount</p>
 <p>10MSBOXJAMBSM Box, MAGIC SWITCH, jamb, surface-mount</p>		

RELATED PRODUCTS

10RD900	900 MHz receiver module
10TD900TR	900 MHz retrofit transmitter
10BR2-900	2-relay logic module

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