MS41

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

DRAFT



TECHNOLOGY

CERTIFICATIONS

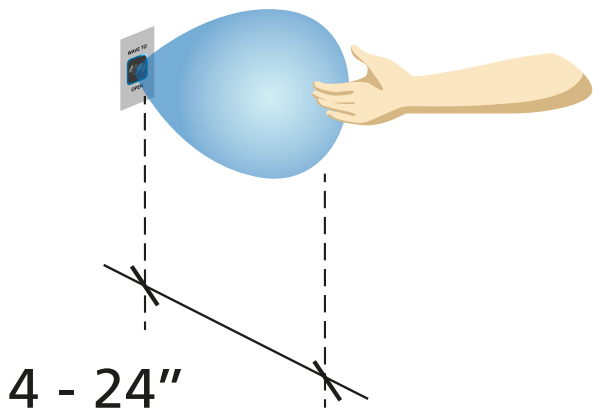
DESCRIPTION

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

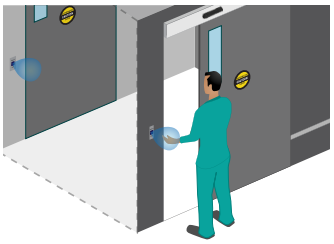
Adjustable Hold Time

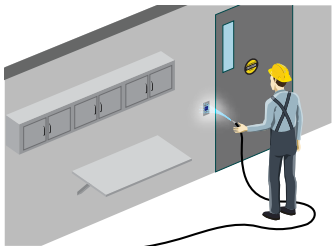
Configurable output hold time of ½ to 30 seconds allowing unique, user-defined device placement

APPLICATIONS



Healthcare Environments


Clean Rooms and Sterile Facilities


Washdown Resistant

TECHNICAL SPECIFICATIONS

Technology	Microwave Doppler Radar
Radiated Frequency	24.125 GHz
Radiated Power Density	< 5 mW/cm²
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	30W DC / 60 VAC
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
Weight	0.34 lbs
Material	Stainless Steel
Temperature Range	-4 – 131 °F
IP Rating**	IP55 Apply silicone to acieve IP65
Dimensions	
Single Gang	4.5" (H) × 2.75" (W) × 0.98" (T)
Double Gang	4.5" (H) × 4.5" (W) × 0.98" (T)
Round	6" ø
Certification	EMC: 2004 / 108 / EC FCC: G9B-210161 IC: 4680A-210161

*To be operated from SELV-compatible power supplies only
** See Users Guide

PRODUCT SERIES



10MS41-S
Stainless steel single gang - text + hand logo



10MS41-SA
Stainless steel single gang - text + accessibility logo



10MS41-D
Stainless steel double gang - text + hand logo



10MS41-DA
Stainless steel double gang - text + accessibility logo



10MS41-R
Stainless steel round plate - text + hand logo



10MS41-RA
Stainless steel round plate - text + accessibility logo


10TD900TR
900 MHz retrofit transmitter

10MS41-SP	Stainless steel single gang - plain
10MS41-DP	Stainless steel double gang - plain
10MS41-RP	Stainless steel round plate - plain

MS41 STAINLESS STEEL, TOUCHLESS ACTUATOR WITH ADJUSTABLE RANGE AND RELAY HOLD TIME

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BEA AMERICAS / RIDC Park West / 100 Enterprise Drive / Pittsburgh, PA
T 1-800-523-2462 / **F** 1-888-523-2462 / **E** info-us@BEAsensors.com

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79.0627.01 • 20200709