

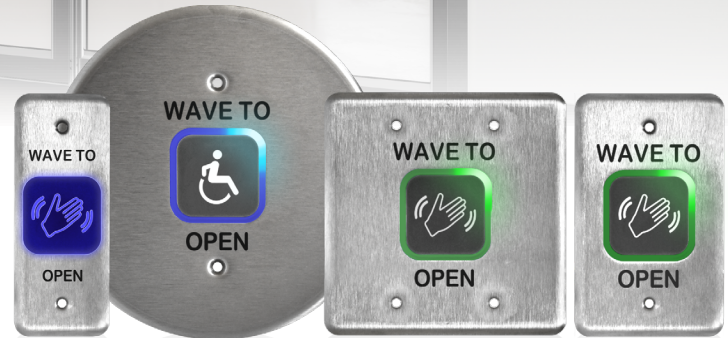


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MS41 FAMILY

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



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

Adjustable Detection Zone

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

Ideal For Harsh Environments

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

Activation Alerts

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

High-Visibility

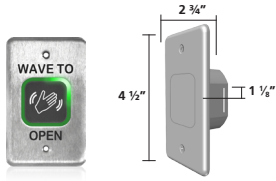
Animated or static illuminated ring allows for high-visibility in low light areas

Adjustable Hold Time

Configurable output hold time of 1/2 to 30 seconds allowing unique, user-defined device placement

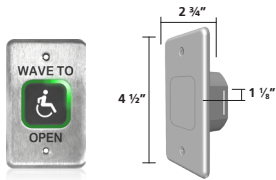
PRODUCT SERIES

SINGLE GANG



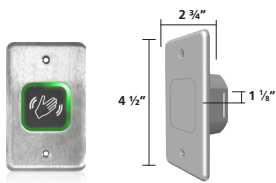
10MS41-S

Stainless steel, single gang - text + hand logo



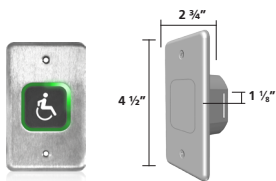
10MS41-SA

Stainless steel, single gang - text + accessibility logo



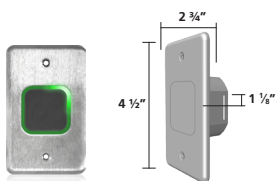
10MS41-SPHL

Stainless steel, single gang - hand logo



10MS41-SPAL

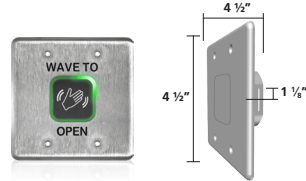
Stainless steel, single gang - accessibility logo



10MS41-SP

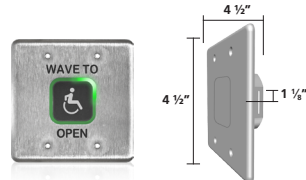
Stainless steel, single gang - plain

DOUBLE GANG



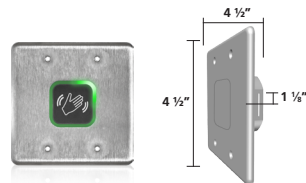
10MS41-D

Stainless steel, double gang - text + hand logo



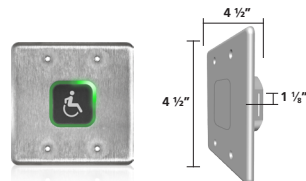
10MS41-DA

Stainless steel, double gang - text + accessibility logo



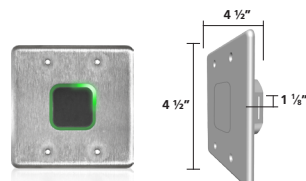
10MS41-DPHL

Stainless steel, double gang - hand logo



10MS41-DPAL

Stainless steel, double gang - accessibility logo



10MS41-DP

Stainless steel, double gang - plain

ROUND



10MS41-R

Stainless steel, round - text + hand logo



10MS41-RA

Stainless steel, round - text + accessibility logo



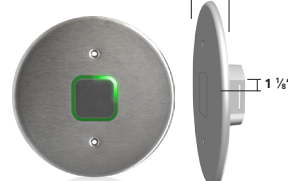
10MS41-RPHL

Stainless steel, round - hand logo



10MS41-RPAL

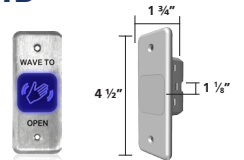
Stainless steel, round - accessibility logo



10MS41-RP

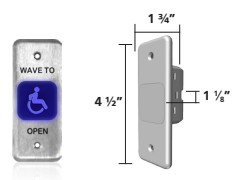
Stainless steel, round - plain

JAMB



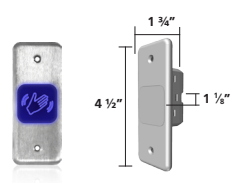
10MS41-J

Stainless steel, jamb - text + hand logo



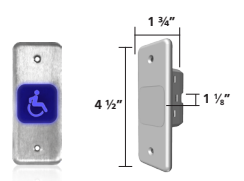
10MS41-JA

Stainless steel, jamb - text + accessibility logo



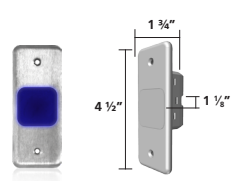
10MS41-JPHL

Stainless steel, jamb - hand logo



10MS41-JPAL

Stainless steel, jamb - accessibility logo



10MS41-JP

Stainless steel, jamb - plain

MOUNTING OPTIONS & ACCESSORIES



10MSBOXSGSM

MAGIC SWITCH surface-mount
box, single gang



10MSBOXDGS

MAGIC SWITCH surface-mount
box, double gang



10MSBOXRNSM

MAGIC SWITCH surface-mount
box, round



10MSBOXJAMBSM

MAGIC SWITCH surface-mount
box, jamb



10BOLLARDBRZ

Bollard - bronze
double gang only



10BOLLARDBRZWOH

Bollard without hole - bronze



10BOLLARDSLV

Bollard - silver
double gang only



10BOLLARDSLVWOH

Bollard without hole - silver



10BOLLARDBLK

Bollard - black
double gang only



10BOLLARDBLKWOH

Bollard without hole - black

RELATED PRODUCTS



10RD900

900 MHz receiver module



10TD900TR

900 MHz retrofit transmitter



10BR2-900

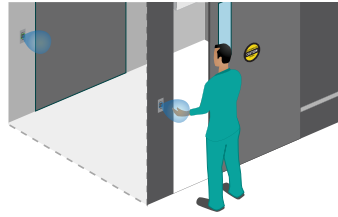
2-relay logic module



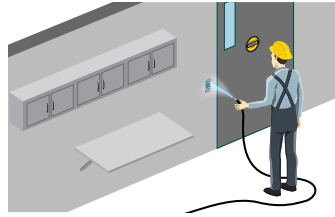
APPLICATIONS



Healthcare Environments



Clean Rooms and Sterile Facilities

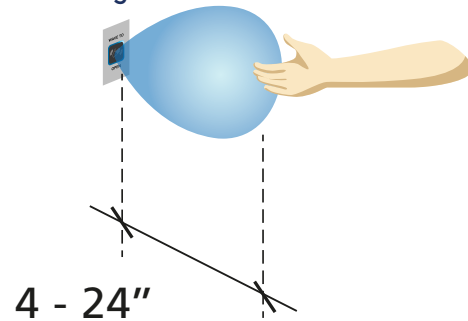


Washdown Resistant

TECHNICAL SPECIFICATIONS

Technology	Microwave Doppler Radar
Radiated Frequency	24.125 GHz
Radiated Power Density	< 5 mW/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

Detection Range



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

** See User's Guide

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