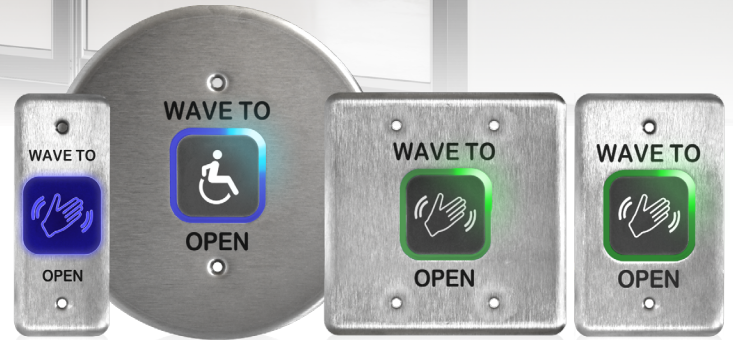




# MS41 FAMILY

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

### 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

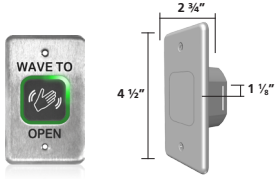
Adjustable audible alert setting, including silent-mode required for hospitals and other noise-sensitive environments

### Adjustable Hold Time

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

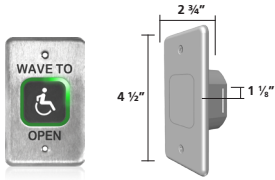
# PRODUCT SERIES

## SINGLE GANG



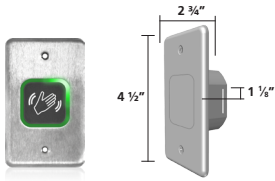
### 10MS41-S

Stainless steel, single gang - text + hand logo



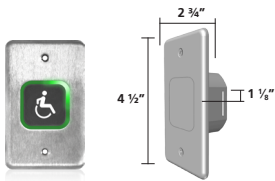
### 10MS41-SA

Stainless steel, single gang - text + accessibility logo



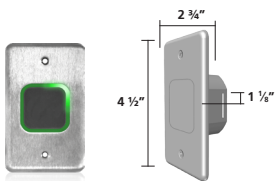
### 10MS41-SPHL

Stainless steel, single gang - hand logo



### 10MS41-SPAL

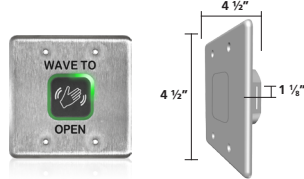
Stainless steel, single gang - accessibility logo



### 10MS41-SP

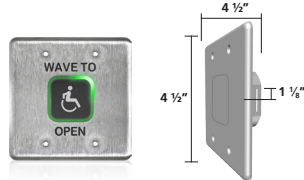
Stainless steel, single gang - plain

## DOUBLE GANG



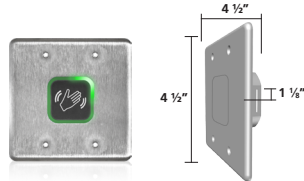
### 10MS41-D

Stainless steel, double gang - text + hand logo



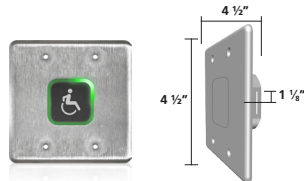
### 10MS41-DA

Stainless steel, double gang - text + accessibility logo



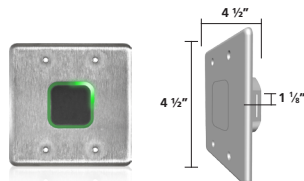
### 10MS41-DPHL

Stainless steel, double gang - hand logo



### 10MS41-DPAL

Stainless steel, double gang - accessibility logo



### 10MS41-DP

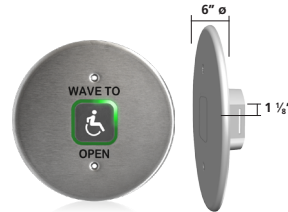
Stainless steel, double gang - plain

## ROUND



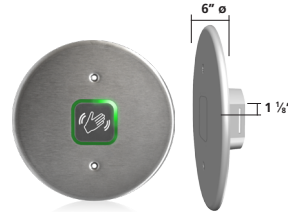
### 10MS41-R

Stainless steel, round - text + hand logo



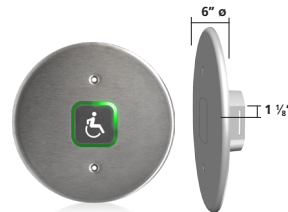
### 10MS41-RA

Stainless steel, round - text + accessibility logo



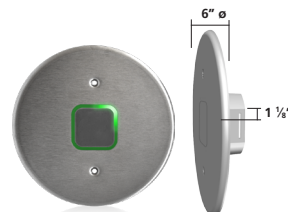
### 10MS41-RPHL

Stainless steel, round - hand logo



### 10MS41-RPAL

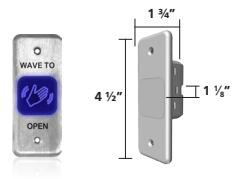
Stainless steel, round - accessibility logo



### 10MS41-RP

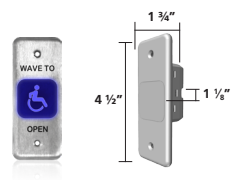
Stainless steel, round - plain

## JAMB



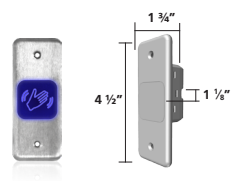
### 10MS41-J

Stainless steel, jamb - text + hand logo



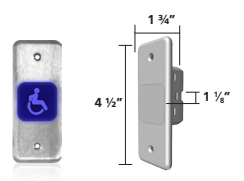
### 10MS41-JA

Stainless steel, jamb - text + accessibility logo



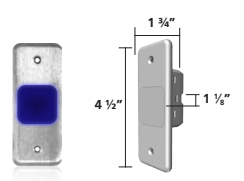
### 10MS41-JPHL

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



## 10MSBOXJMSM

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

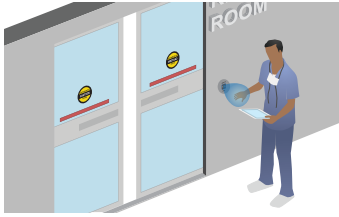


## 10BR2-900

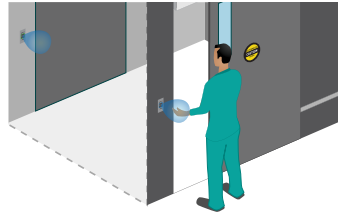
2-relay logic module



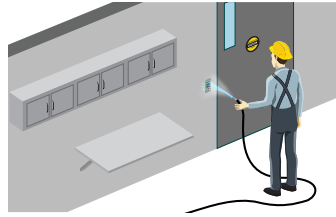
## APPLICATIONS



Healthcare Environments



Clean Rooms and Sterile Facilities



Washdown Resistant

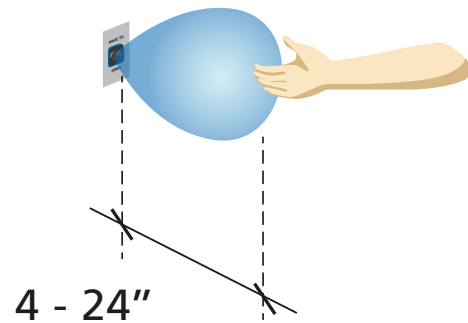
## TECHNICAL SPECIFICATIONS

<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 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)
<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

### Detection Range



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