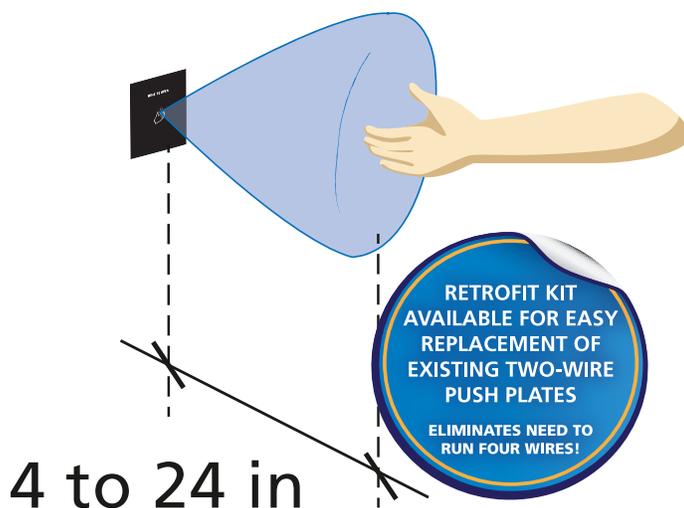


# MAGIC SWITCH: MS08

## ADJUSTABLE RANGE TOUCHLESS ACTUATOR



### PRIMARY APPLICATIONS



### DESCRIPTION

BEA's MS08 sets the standard for touchless activation devices with an adjustable detection zone and a variety of aesthetically pleasing options relating to color, size and graphics.

The flush-mount MS08 utilizes proven microwave motion technology to ensure consistent, dependable activation and can be adjusted to comply with the ANSI 156.10 knowing act standard.

The MS08 detects moving objects such as a hand, cart or wheelchair and is ideal for use in hospitals, pharmacies, clean rooms, food service facilities and other applications requiring a hygienic activation method.

The MS08 Retrofit upgrade kit is designed to easily replace existing hardwired (two-wire) push plates by eliminating the need to run new wire. The MS08 Retrofit kit is equipped with a 900 MHz transmitter providing the benefit of wireless communication.

### FEATURES & BENEFITS

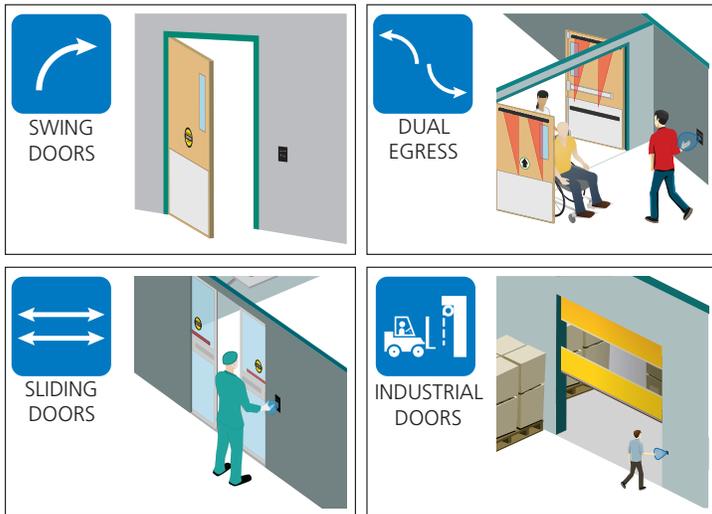
- Detection zone from 4 to 24 inches (pulse or toggle)
- Silent activation for hospitals and other noise-sensitive environments
- Water-resistant foam gasket provides increased reliability when exposed to liquid or cleaning products
- Low profile, beveled design reduces chance of accidental damage in high traffic areas
- Available in white, black or cream faceplate; options for single or double gang boxes
- Multiple faceplate graphic options available
- Inter-operates with all automatic door control makes and models



BEA, Inc.  
RIDC Park West  
100 Enterprise Drive  
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462  
Technical Support: 800.407.4545  
www.BEAinc.com

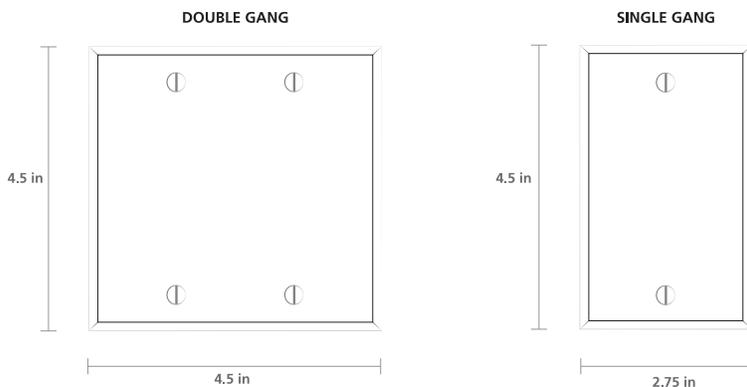
## APPLICATIONS



## TECHNICAL SPECIFICATIONS

<b>Technology</b>	Microwave Doppler Radar
Radiated Frequency	24.125 GHz
Transmitter Radiated Power	< 20 dBm EIRP
Radiated Power Density	< 5 mW/cm <sup>2</sup>
<b>Detection Mode</b>	Motion (bidirectional)
<b>Detection Range</b>	4 to 24 inches (adjustable)
<b>Output</b>	Relay with switch-over contact (free of potential)
Max. Voltage	60 VDC; 125 VAC
Max. Current	1 A (resistive)
Max. Switching Power	30 W (DC); 60 VA (AC)
<b>Output Hold Time</b>	0.5 s (in pulsed mode)
<b>Supply Frequency</b>	50 to 60 Hz
<b>Supply Voltage</b>	12 to 24 VAC ± 10% 12 to 24 VDC + 30%; - 10%
<b>Power Consumption</b>	< 1.5 W
<b>Material / Colors</b>	ASA, Nylon, PC / Black, White, Cream
<b>Cable Type</b>	Standard cable up to 16 AWG - 1.5 mm <sup>2</sup>
<b>Temperature Range</b>	-4°F to +131°F
<b>Norm Conformance</b>	EMC: 2004 / 108 / EC; FCC: G9B-MS08; IC: 4680A-MS08

## DIMENSIONAL DRAWINGS



## SERIES BREAKDOWN



**CUSTOM PACKAGE**  
**MS08U CUSTOM** – 10MS08U plus choice of any one of the additional faceplates  
**RETROFIT PACKAGE**  
**10MS08UR** – Integrated 900 MHz wireless transmitter eliminates need for extra wires.

www.BEAinc.com

© 2015 BEA, Inc. All rights reserved.

**MAGIC SWITCH: MS08** ADJUSTABLE RANGE TOUCHLESS ACTUATOR

BEA, Inc.  
 RIDC Park West  
 100 Enterprise Drive  
 Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462  
 Technical Support: 800.407.4545

