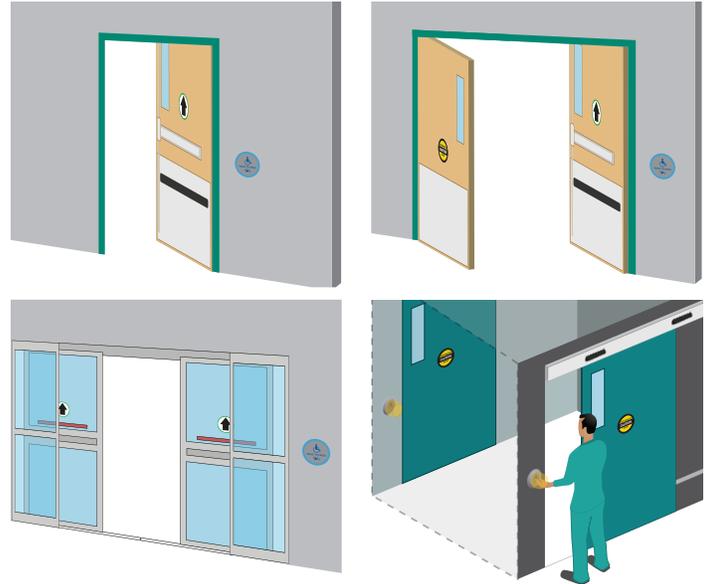


# MAGIC SWITCH: MS21H

## SHORT-RANGE TOUCHLESS ACTUATOR



### PRIMARY APPLICATIONS



### DESCRIPTION

BEA's state-of-the-art MS21 is the Industry's first low-profile touchless actuator plate utilizing unique capacitive technology for the activation of automatic doors.

The hands-free MS21 includes a stainless steel faceplate and an illuminated LED mounting ring for unparalleled durability, visibility and convenience.

The MS21 blends form with function into an aesthetically pleasing design that is ideal for healthcare facilities, labs, pharmaceutical, clean rooms, washdown areas and a variety of other applications. The MS21 helps reduce the spread of germs and bacteria.

Innovative features include a short-range adjustable detection zone, visual and audible alerts, NEMA 4 rated enclosure, backlit LED and a variety of faceplate design options.

### FEATURES & BENEFITS

- Short range detection zone reduces unwanted activations
- LED illuminated mounting ring increases visibility
- Stainless steel faceplate is ideal for harsh environments
- Low profile, beveled design reduces accidental damage
- Various faceplate graphic options available
- Adjustable audible alerts, visual alerts and touchless detection zones
- NEMA 4 enclosure
- Inter-operates with all automatic door control makes and models



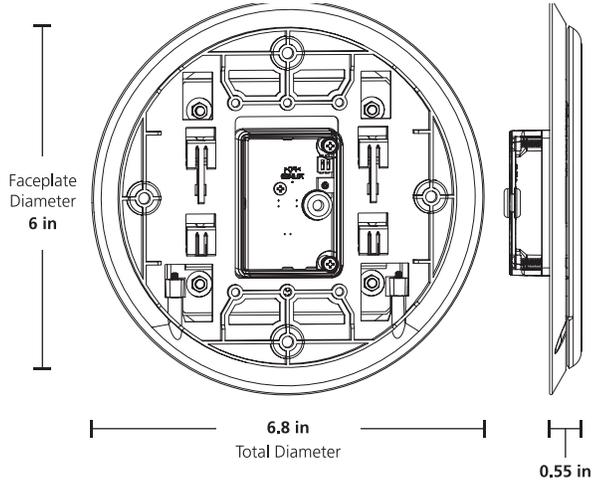
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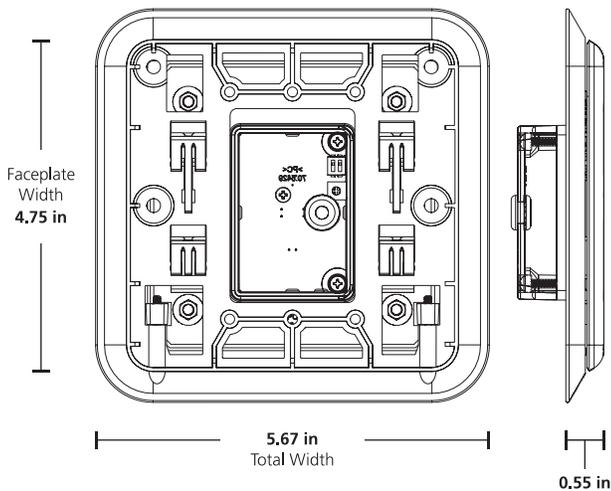
## APPLICATIONS



## DIMENSIONAL DRAWINGS



### MS21HR Series



### MS21HS Series

## TECHNICAL SPECIFICATIONS

<b>Technology Type</b>	Capacitance
<b>Detection Mode</b>	Proximity
<b>Supply Voltage</b>	12 to 24 VAC / VDC
<b>Current Consumption</b>	37 mA (typical)
<b>Temperature Range</b>	-20°F to +120°F
<b>Degree of Protection</b>	NEMA 4 / IP65
<b>Detection Zone</b>	Maximum detection zone of up to 4 inches Detection zone is dependent on: Size (area) of an object   orientation of an object   speed of an object   environmental conditions
<b>Relay</b>	1 Form A solid-state relay; 0.4 A, 60 VAC / VDC (Max.)
<b>Cable Length</b>	6 in (5 conductor)
<b>Material</b>	Stainless Steel (faceplate) Clear Polycarbonate (Mounting Ring, Backplate and Enclosure)

## RELATED PRODUCTS



**10MS21HR1**  
6" ROUND,  
TEXT & LOGO



**10MS21HR**  
6" ROUND,  
TEXT ONLY



**10MS21HRLL**  
6" ROUND,  
LOGO ONLY



**10MS21HS1**  
4.75" SQUARE,  
TEXT & LOGO



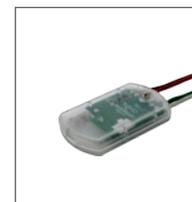
**10MS21HS**  
4.75" SQUARE,  
TEXT ONLY



**10MS21HSLL**  
4.75" SQUARE,  
LOGO ONLY



**10RD900**  
900 MHz RECEIVER  
MODULE



**TD900RT**  
900 MHz RETROFIT  
TRANSMITTER

