

MAGIC SWITCH

HARDWIRED SOLUTIONS MS21H SERIES

PATENT PENDING



TOUCHLESS TECHNOLOGY ACTIVATION SENSORS

DESCRIPTION

The **MS21** utilizes capacitance technology, which detects the proximity of capacitive objects such as the human body, to trigger activation. This is the same technology used on touch-screen phones and tablets. Capacitive technology, which is extremely versatile and reliable, allows the MS21 to be used in a wide variety of installations. The low profile design combines form and function into an innovative design that fits many applications.

Easy Installation



MS21H Series



10MS21HR1
6" Round
Text & Logo



10MS21HR
6" Round
Text ONLY



10MS21HRL
6" Round
Logo ONLY



10MS21HS1
4 3/4" Square
Text & Logo

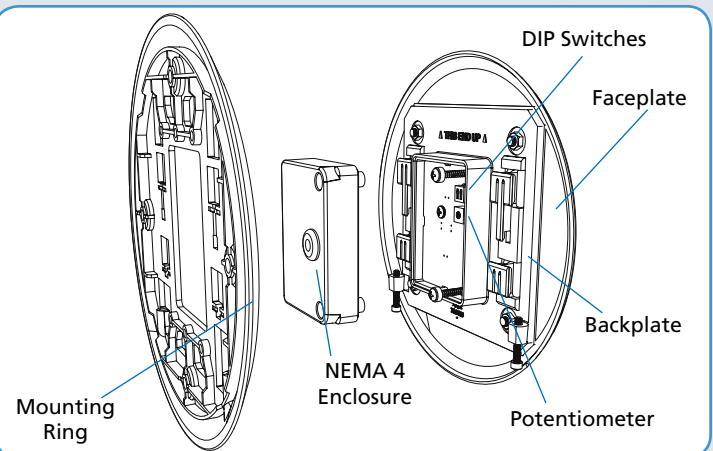


10MS21HS
4 3/4" Square
Text ONLY



10MS21HSL
4 3/4" Square
Logo ONLY

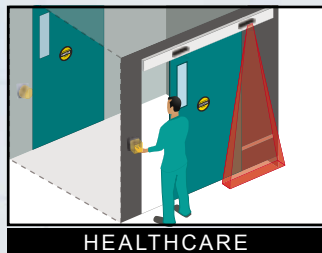
Components View



Note: Components are the same for the 10MS21HS

FEATURES

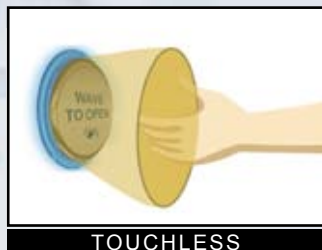
- Touchless design reduces spread of bacteria, disease and contamination
- LED indicator illuminates the mounting ring, increasing visibility and awareness
- Stainless steel faceplate reduces deterioration and damage caused by liquids and cleaning agents
- Low profile, beveled design reduces accidental damage
- Multiple shapes, sizes and graphics for almost any application



HEALTHCARE



TOUCH TO ACTIVATE



TOUCHLESS



MS21W SERIES



MS08 SERIES



MS09 SERIES

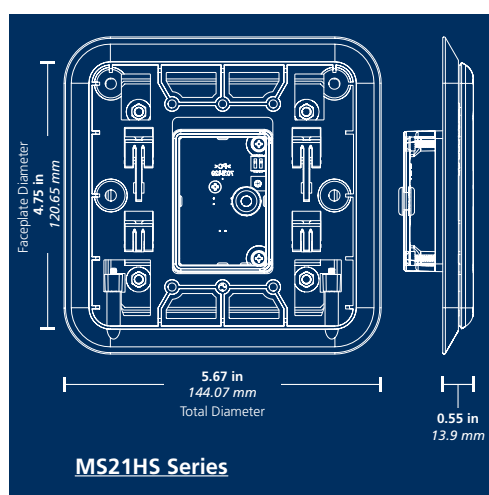
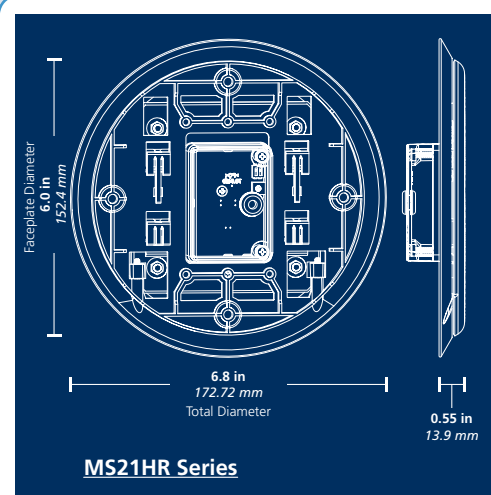
BENEFITS

- Stainless steel design for maximum durability
- LED indicator enhances visibility of sensor, especially in low light
- LED indicator and audible alert functionality adjusted via DIP switches
- NEMA 4 rated enclosure
- Adjustable sensing zone from 0 – 4 inches

APPLICATIONS

- Hospitals and Healthcare Facilities
- Clean Rooms
- Colleges and Universities
- Elder-care Facilities
- Professional Buildings

DIMENSION DETAILS



TECHNICAL SPECIFICATIONS

Technology Type	Knowing Act / Capacitance Technology
Detection Mode	Capacitance / Proximity
Supply Voltage	12 to 24 VAC / VDC; $\pm 10\%$
Current Consumption	30 mA
Temperature Range	-20°F to +120°F
Degree of Protection	NEMA 4
Sensing Zone	0 – 4 inches (adjustable)
<i>Maximum sensing zone will vary depending on the following: Size (area) of an object orientation of an object speed of an object environmental conditions.</i>	
Relay	1 Form A solid-state relay; 0.4 A, 60 VAC / VDC
Cable Length	10 inches (4 conductor)
Material	Stainless Steel (faceplate) Clear Polycarbonate (Mounting Ring and Backplate Enclosure)

Specifications are subject to change without prior notice.

DISCLAIMER This document as well as all other enclosed documents (quotation / specification / other) are provided "as is" without warranties of any kind, either expressed or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. / Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will BEA be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information from this document or the products to which the information refers. / BEA has the right without liability to change descriptions and specifications at any time. / Prices, shipping and availability are subject to change without prior notice.

