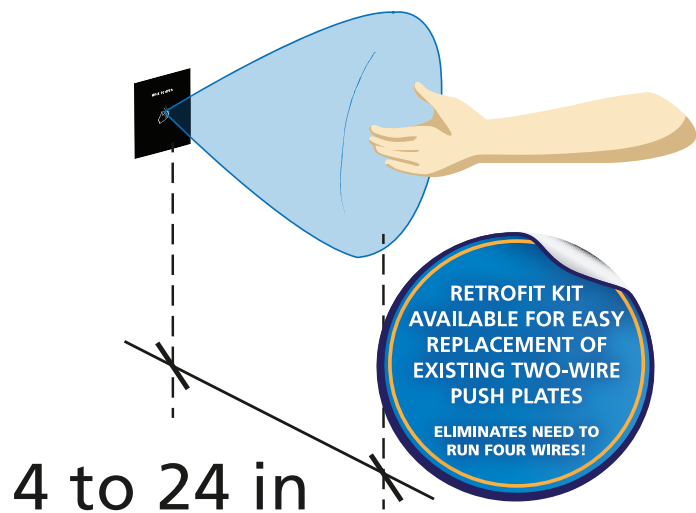


MAGIC SWITCH: MS08

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 complies 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

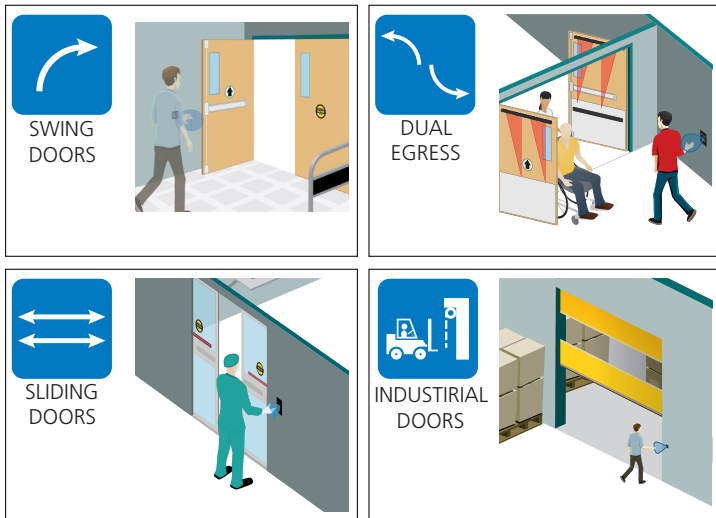
- Detection zone from 4 to 24 inches (pulse or toggle)
- Silent activation for hospitals and other noise-sensitive environments
- Water-resistant foam gasket provides increased reliability when exposed to liquid or cleaning products
- Low profile, beveled design reduces chance of accidental damage in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

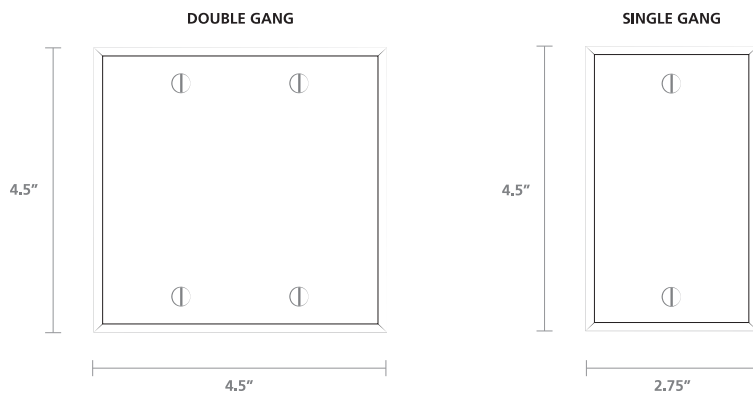
APPLICATIONS



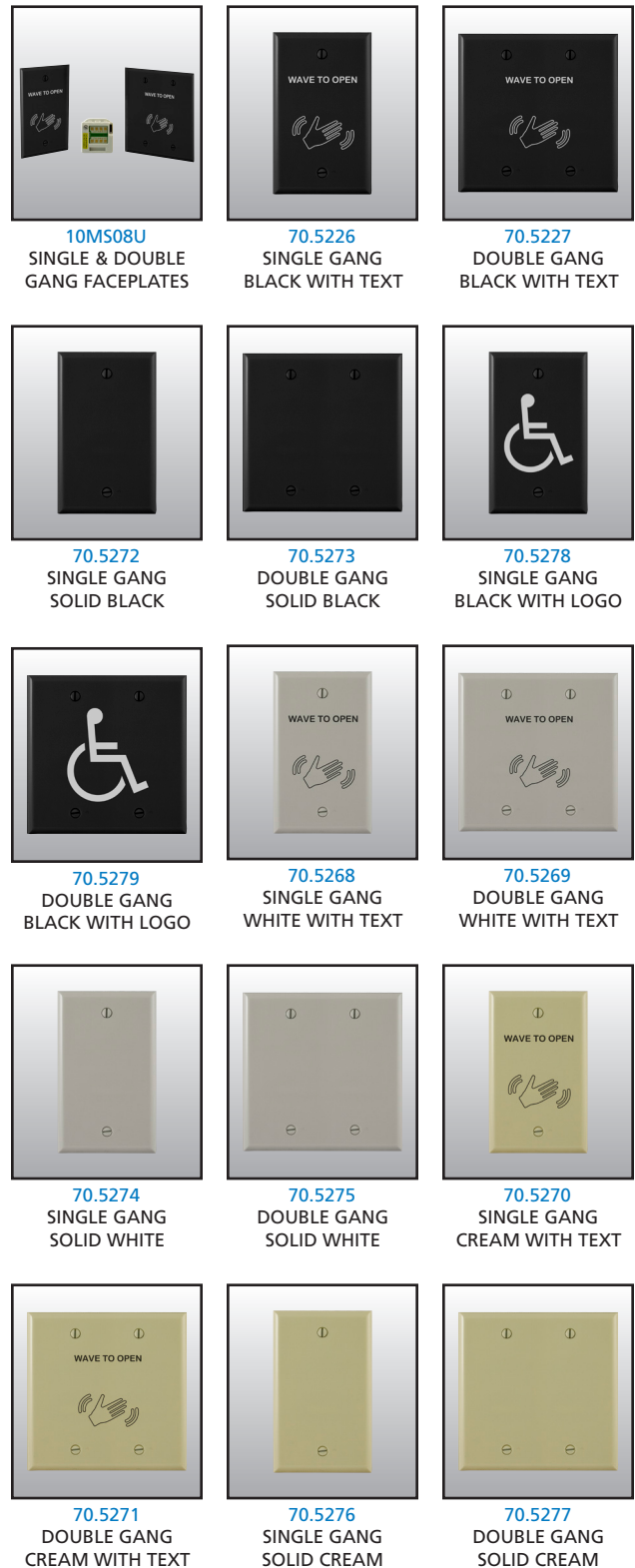
TECHNICAL SPECIFICATIONS

Technology	K-Band Microwave Doppler Radar
Radiated Frequency	24.125 GHz
Transmitter Radiated Power	< 20 dBm EIRP
Radiated Power Density	< 5 mW/cm ²
Detection Mode	Motion (bidirectional)
Detection Range	4 to 24 inches (adjustable)
Output	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)
Output Hold Time	0.5 s (in pulsed mode)
Supply Frequency	50 to 60 Hz
Supply Voltage	12 to 24 VAC ± 10% 12 to 24 VDC + 30%; - 10%
Power Consumption	< 1.5 W
Material / Colors	ASA, Nylon, PC / Black, White, Cream
Cable Type	Standard cable up to 16 AWG - 1.5 mm ²
Temperature Range	-4°F to +131°F
Certifications	EMC: 2004 / 108 / EC; FCC: G9B-MS08; IC: 4680A-MS08

DIMENSIONAL DRAWINGS



SERIES BREAKDOWN



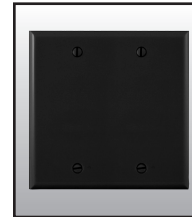
10MS08U
SINGLE & DOUBLE
GANG FACEPLATES

70.5226
SINGLE GANG
BLACK WITH TEXT

70.5227
DOUBLE GANG
BLACK WITH TEXT



70.5272
SINGLE GANG
SOLID BLACK



70.5273
DOUBLE GANG
SOLID BLACK



70.5278
SINGLE GANG
BLACK WITH LOGO



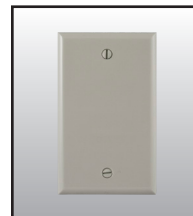
70.5279
DOUBLE GANG
BLACK WITH LOGO



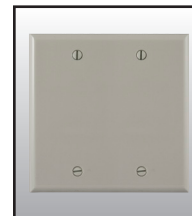
70.5268
SINGLE GANG
WHITE WITH TEXT



70.5269
DOUBLE GANG
WHITE WITH TEXT



70.5274
SINGLE GANG
SOLID WHITE



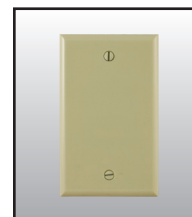
70.5275
DOUBLE GANG
SOLID WHITE



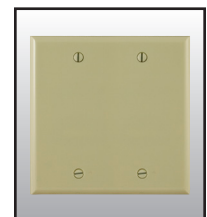
70.5270
SINGLE GANG
CREAM WITH TEXT



70.5271
DOUBLE GANG
CREAM WITH TEXT



70.5276
SINGLE GANG
SOLID CREAM



70.5277
DOUBLE GANG
SOLID CREAM

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 wire.

