MAGIC SWITCH: MS08
ADJUSTABLE RANGE TOUCHLESS ACTUATOR

DESCRIPTIN
BEA’s MS08 utilizes proven microwave motion technology to ensure consistent, dependable touchless 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.

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
**TECHNICAL SPECIFICATIONS**

**Technology**  
Microwave Doppler Radar

**Radiated Frequency**  
24.125 GHz

**Radiated Power Density**  
5 mW/cm²

**Detection Mode**  
Motion (bidirectional)

**Detection Range**  
4 to 24 inches (adjustable)

**Output**  
Relay with switch-over contact (voltage free)

- **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**  
ASA, Nylon, PC

**Cable Type**  
Standard cable up to 16 AWG - 1.5 mm²

**Temperature Range**  
-4°F to +131°F (-20°C to +55°C)

**Norm Conformance**  
EMC: 2004 / 108 / EC;  
FCC: G9B-MS08;  
IC: 4680A-MS08

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**DIMENSIONAL DRAWINGS**

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**APPLICATIONS**

- Swing Doors
- Dual Egress
- Sliding Doors
- Industrial Doors

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**RELATED PRODUCTS**

- 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

- 10RD900  
  900 MHz RECEIVER MODULE
- TD900RT  
  900 MHz RETROFIT TRANSMITTER

**CUSTOM PACKAGE**  
MS08U CUSTOM – 10MS08U plus choice of any one of the additional faceplates