MS08 touchless actuator
Automatic sliding & swinging doors

Description
The MS08 actuator utilizes proven microwave motion technology to ensure consistent, dependable touchless activation and can be adjusted to comply with ANSI knowing act applications.

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 touchless activation method.

Features & benefits
- Detection zone from 4” – 24” (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 black faceplate with options for single or double gang boxes.
### Technical specifications

**Technology**  
Microwave doppler radar

**Radiated frequency**  
24.125 GHz

**Radiated power density**  
5 mW / cm²

**Detection mode**  
Motion (bi-directional)

**Detection range**  
4” – 24” (adjustable)

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

**Max. contact voltage**  
60 VDC / 125 VAC

**Max. contact 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 – 60 Hz

**Supply voltage**  
< 2.8 W 12 – 24 VAC ±10%  
12 – 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**  
-4ºF – 131ºF (-20ºC – 55ºC)

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

### Applications

- Dual egress
- Sliding doors
- Industrial doors
- Swing doors

### MS08 dimensional drawings

**Double gang**

- 5"
- 4.5"
- .25"

**Single gang**

- 1.56"
- 1.75"

**Microwave cell**

- 4.5"
- 4.5"
- .25

### MS08 microwave touchless actuator

**DX3339-007**  
SINGLE & DOUBLE  
GANG FACEPLATES

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