

THE MS08 TOUCHLESS SWITCH

LOW ENERGY DOOR ELECTRONICS



MULTIPLE COLORS
EASY INSTALLATION
STERILE ENVIRONMENTS

Quality
Intelligence
Precision

BEA microwave motion sensor is used as a contact-free switch, providing excellent control and operation of automatic doors

- Doppler Radar technology allows for use in sterile environments (i.e., clean-rooms, healthcare facilities, food processing plants)
- It can be placed unobtrusively in a room or hallway when mounted behind a non-reflective surface where the aesthetics demand it be inconspicuous
- Variable adjustment of pattern depth from 4 to 24 inches
- No wearing parts mean increased product life
- Water-resistant foam gasket provides increased durability when product is exposed to water or cleaning product

WWW.BEASENSORS.COM

A HALMA COMPANY

BEA
OPEN UP NEW HORIZONS

MS08 TECHNICAL SPECS

Technology

Microwave motion sensor

Radiated Frequency

24.125 GHz

Radiated Power Density

5 mW/cm²

Supply voltage

12 to 24VAC ± 10%

12 to 24VDC +30% / -10%

Supply Frequency

50 to 60Hz

Power Consumption

< 1.5W

Output

Relay with switch-over contact

(voltage free)

Relay contact rating

(max voltage)

60 VDC/ 125 VAC

Relay contact rating

(max current)

1A (resistive)

Max switching power

30W (DC)/ 60VA (AC)

Detection Range

4" to 24" (adjustable)

Detection Mode

Motion (bidirectional)

Output Hold Time

0.5s (in pulsed mode)

Temperature Range

-4°F to + 131°F

Immunity

Immune to electrical

and radio frequency

interference

Weight

0.34 lbs.

Material

ASA, Nylon, PC

Certification

Electromagnetic

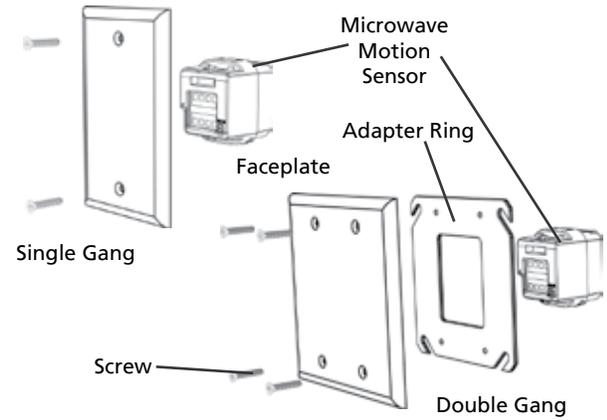
compatibility (EMC)

according to 2004/108/EC

FCC: G9B-MS08

IC: 4680A-MS08

MS08 DETAIL



MS08 FAMILY OF PRODUCTS

The MS08 is available in the following color, graphic & size combinations.



10MS08U Black (standard):
Available with graphic only,
includes both single and double
gang

10MS08CUSTOM Black:
Available in plain only, single or
double gang



10MS08CUSTOM White: Available in plain or with graphic, single or
double gang

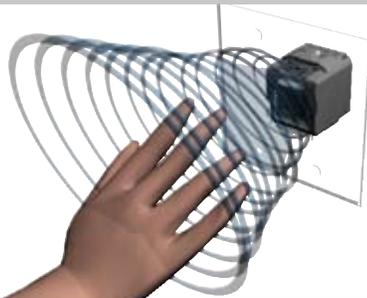


10MS08CUSTOM - Cream: Available in plain or with graphic, single
or double gang



The MS08 Microwave Motion
Sensor is interchangeable
with all MS08 faceplates.

MS08 APPLICATIONS



- Sterile environments (clean-rooms, operating rooms, pharmaceutical manufacturing, etc.)
- Healthcare facilities (hospitals, assisted living, etc.)
- Food processing plants (eliminates cross-contamination)
- Architectural applications (where aesthetics are required)

MS08 RELATED PRODUCTS



Bollards
Mounting Post with
recessed push plate



RD433
433 Mhz Digital
Receiver with
Multiple applications



TD433
433 Mhz Digital
Transmitters



Round Push Plates
Any 4.5", 6", or
Panther style



Square Push Plates
Any 4.5", 4.75", or
Panther style