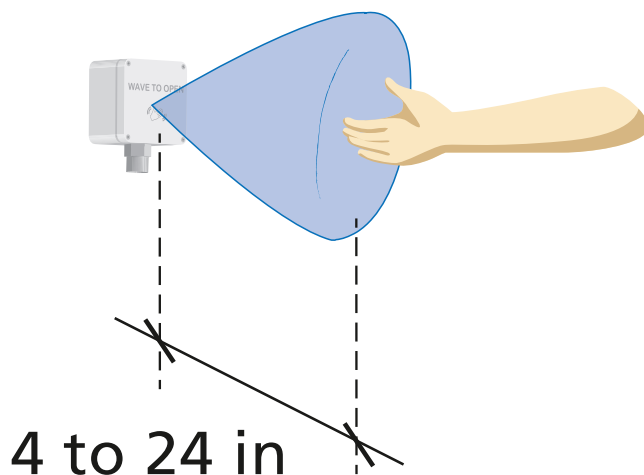


MAGIC SWITCH: MS09

NEMA 4 RATED, MICROWAVE TOUCHLESS ACTUATOR



PRIMARY APPLICATIONS



DESCRIPTION

BEA's NEMA 4 rated MS09 is a touchless activation device with an adjustable detection zone designed for harsh and industrial environments.

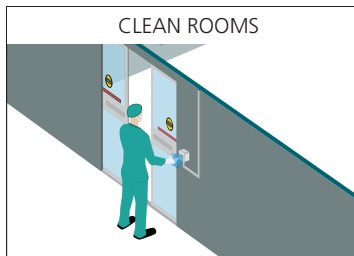
The surface mount MS09 utilizes microwave motion technology to ensure consistent and dependable activation. Conduit connectivity ensures a watertight installation in harsh environments and wash-down facilities.

The MS09 detects moving objects such as a hand, pallet jack or forklift and is ideal for applications requiring a touchless activation method including hospitals, pharmacies, clean rooms and food services.

FEATURES & BENEFITS

- NEMA 4 (IP65) enclosure capable of use in industrial and extreme washdown environments
- User defined detection zone from 4 to 24 inches (pulse or toggle)
- Two faceplate options, Logo only and Text/Logo
- Ideal solution for industrial applications such as chemical, petroleum or food service environments
- Can be used in a variety of outdoor and off-door applications
- Inter-operates with all automatic door control makes and models

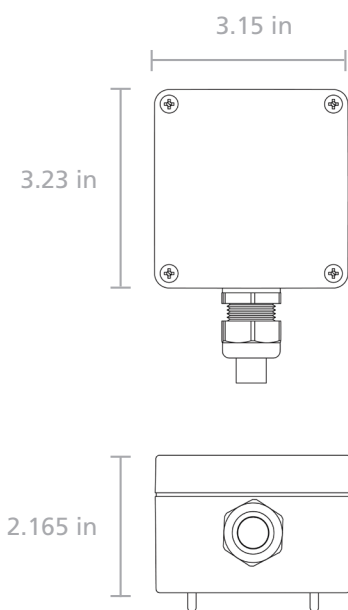
APPLICATIONS



TECHNICAL SPECIFICATIONS

Technology	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
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 pulse mode)
Supply Frequency	50 to 60 Hz
Supply Voltage	12 to 24 VAC \pm 10% 12 to 24 VDC + 30%; - 10%
Power Consumption	< 1.2 W
Material / Colors	ABS/PC, White
Cable Type	Compatible with standard, 4-conductor low voltage cable (cable not supplied)
Temperature Range	-4°F to +131°F
Degree of Protection	NEMA 4 / IP65
Norm Conformance	EMC: 2004 / 108 / EC; FCC: G9B-MS08; IC: 4680A-MS08
Dimensions	3.15 in (W) x 3.23 in (H) x 2.165 in (D)

DIMENSIONAL DRAWINGS



SERIES BREAKDOWN



10MS09TL
TEXT & LOGO
FACEPLATE



10MS09L
LOGO ONLY
FACEPLATE

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MAGIC SWITCH: MS09

NEMA 4 RATED, MICROWAVE TOUCHLESS ACTUATOR

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