RUTHERFORD CONTROLS

In or Out... we make it Easy!®





Features & Benefits

- 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 for a clean non-visible solution
- 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
- 12 to 24 VDC/AC
- Contact rated at 1 Amp

Highlights

- Multiple Colors
- Easy Installation
- Sterile Environments
- 3 Year Warranty

Microwave Motion Switch

RCI's 913 touchless microwave motion switch is used as a contact-free switch, providing excellent control and operation of automatic doors and other openings. Our 913 switch is convenient and comfortable for the disabled and comes in multiple colors and styles for any application.

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)

Certifications

- EMC
- FCC
- IC

Color Options



913B 913W 913CR

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USA: 2517 SQUADRON COURT, SUITE 104, VIRGINIA BEACH, VA 23453 • CANADA: 210 SHEARSON CRESCENT, CAMBRIDGE, ON N1T 1J6
PHONE • 1.800.265.6630 • 519.621.7651 • FAX: 1.800.482.9795 • 519.621.7939 • E-MAIL: SALES@RUTHERFORDCONTROLS.COM

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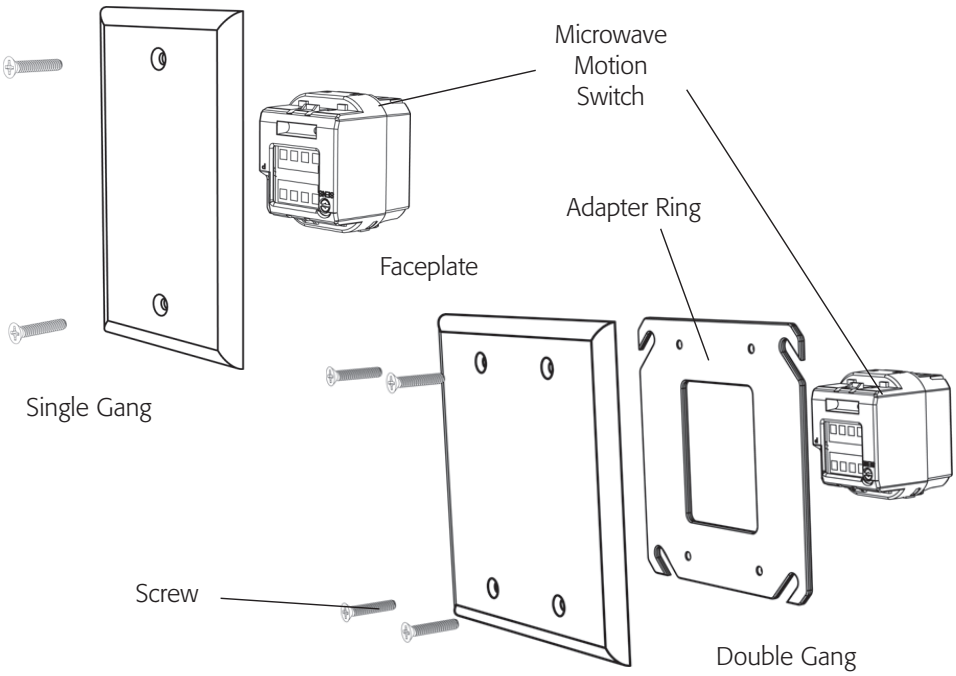
Technical Specifications

Technology	Microwave motion switch	Detection Range	4" to 24" (adjustable)
Radiated Frequency	24.125 GHz	Detection Mode	Motion (bidirectional)
Radiated Power Density	5 mW/cm²	Output Hold Time	0.5s (in pulsed mode)
Supply voltage	12 to 24VAC ± 10% 12 to 24VDC +30% / -10%	Temperature Range	-4°F to + 131°F
Supply Frequency	50 to 60Hz	Immunity	Immune to electrical and radio frequency interference
Power Consumption	<1.5W	Weight	0.34 lbs.
Relay contact rating (max current)	1A (resistive)	Material	ASA, Nylon, PC
Output Relay with switch-over contact (voltage free) Relay contact rating (max voltage)	60 VDC/125 VAC	Certification	Electromagnetic compatibility (EMC) according to 2004/108/EC FCC: G9B-MS08 IC: 4680A-MS08
Max switching power	30W (DC)/ 60VA (AC)		

Detail



RCI also offers a complete line of Electromagnetic Locks, Electric Strikes, Power Supplies, Switches, Keypads & Readers, Exit Devices, Systems & Door Hardware.

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