

# MAGNASPHERE® MSS-RFS

## Introducing the **MSS-RFS Series Wireless Security Sensor**

Designed as a replacement / upgrade for the OEM's RF sensor, the patent-pending MSS-RFS series provides the strongest FCC allowable output signal while maintaining a 14+ year battery life - IN A NARROW, LOW-PROFILE, AESTHETICALLY APPEALING HOUSING!!

**Proven Industry History** - MAGNASPHERE is the globally recognized High Security switch technology which is quickly becoming the standard for the government's highest level secure applications. CSI engineers have decades of experience, including the invention of reliable wireless security products. These partner companies have teamed successfully to provide the security systems and components that protect America's overseas embassies and other high asset locations. Now we can provide the best performing, most secure wireless sensors for all residential and commercial installations.



### MAGNASPHERE MSS-RFS Technology

**The MSS-RFS is the only wireless sensor utilizing the award-winning MAGNASPHERE switch technology instead of 70 year-old glass reed switches used by others.** The robust all metal MAGNASPHERE switch is impervious to contact welding and resistant to magnetic tamper and defeat. Simply put, the MSS-RFS series sensors are . . .

### The Most Secure Wireless Sensors Available Anywhere In The World!!

Compare these features and benefits and you won't use any other wireless contact again! **COMPATIBLE WITH THESE OEM\* FORMATS:**

**MSS-RFS-100** = UTC - INTERLOGIX / ITI / ELK

**MSS-RFS-200** = HONEYWELL

**MSS-RFS-300** = 2 GIG

- Made in America
- Smaller / Narrow switch package
- Higher Security MAGNASPHERE switch technology
- Superior RF performance even on steel surfaces
- Ultra-low current draw extends battery life (up to 14+ years)
- Side mounting of magnet
- Terminals to allow connection of an external input
- Built-in enclosure tamper
- Low battery indication
- Resistant to internal moisture build-up
- Easy to install
- Competitively priced

\*UTC, Interlogix and ITI are registered trademarks of United Technologies Corporation, Elk is a registered trademark of Elk Products, Inc., Honeywell is a registered trademark of Honeywell International, Inc., 2 GIG is a registered trademark of Nortek, Inc.

# MAGNASPHERE<sup>®</sup> MSS-RFS

## SPECIFICATIONS

Battery: 3VDC, 1.55Ah,  
CR123A Lithium Battery

Typical Battery Life: Up to 14+ Years

External Input Sampling  
Current: 20  $\mu$ A

Switch Type: MAGNASPHERE  
– Open Loop

Operating Gap: 0.63 in (1.60 cm)

Magnet Type: Neodymium  
Iron Boron (Rare Earth)

Supervisory Interval:  
64 minutes

Wire Run to External Input:  
100 feet (30.5 m)

Operating Temperature:  
14°F (-10°C) to 140°F (60°C)

Enclosure: ABS POLYLAC<sup>®</sup> PA-717C  
(UL94 HB flame-rating)

Weight: 1.6 oz. (51g)

Switch Dimensions: 3.2 in  
(81.3 mm) L x 1.04 in (26.4 mm)  
W x .96 in (24.4 mm) H

Magnet Dimensions: 1.3 in  
(33 mm) L x 0.5 in (1.27  
mm) H x 0.43 in (10.9 mm) W

Color: White or Brown

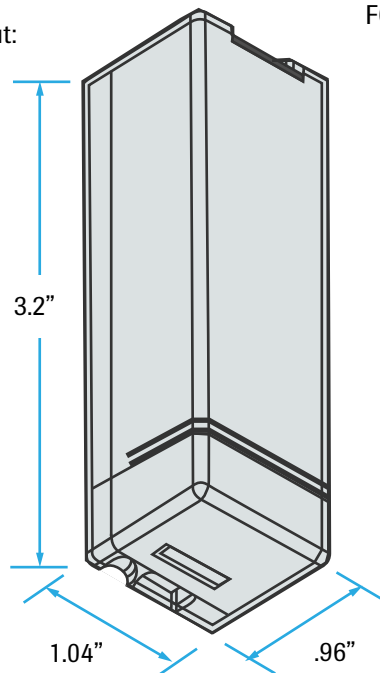
FCC Standard: FCC Part 15

## PATENTS

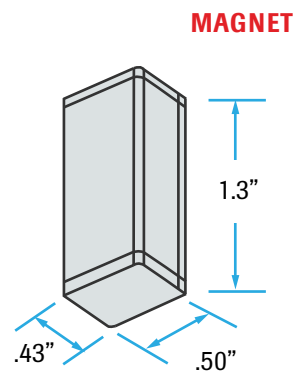
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& Other Patents  
Pending



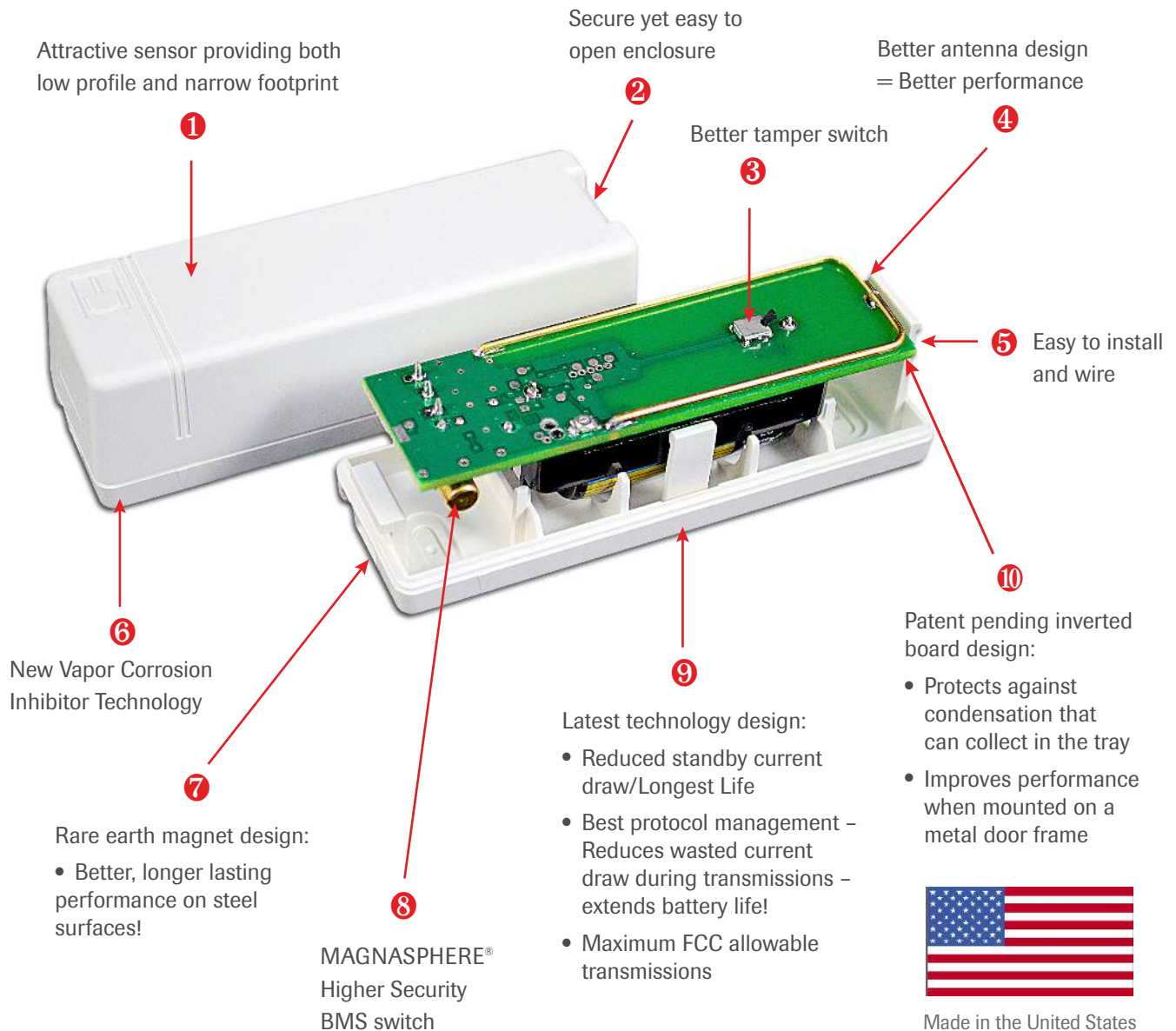
## SENSOR



MAGNASPHERE<sup>®</sup> Corp. provides superior performing magnetic contact sensor technology for the residential, commercial, and federal government security markets. The MSS-RFS' leading-edge technology aims to set new industry standards for wireless security sensors while providing an affordable and more effective alternative to reed-based security contacts. To learn more about the MAGNASPHERE<sup>®</sup> MSS-RFS Wireless Security Sensor visit [www.MAGNASPHERE.com](http://www.MAGNASPHERE.com) or call 262-347-0711.

# MAGNASPHERE<sup>®</sup> MSS-RFS

## 10 Reasons Why the MAGNASPHERE<sup>®</sup> MSS-RFS is Better than Any Other Wireless Sensor



**Warranty:** MAGNASPHERE Corporation will provide replacements for products found to be defective in the first three years.

**FCC Notice:** This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference that may be received, including interference that may cause undesirable operation. Changes or modifications not expressly approved by MAGNASPHERE Corp. could void the user's authority to operate this equipment.