

# **MAGNASPHERE MSS SERIES**

## **Architects and Engineering Specifications**

### **Related Sections**

Magnetic Door Contacts for use with Burglar Alarm Systems, Intrusion Detection Systems and Access Control Systems

### **References**

Underwriters Laboratories Inc. (UL)

UL634; Standard for Connectors and Switches used in Burglar Alarm Systems

### **Design Requirements**

The Magnetic Door Contact must be made with Magnasphere BMS magnetic switch technology.

The Magnetic Door Contact must be used with End of Line (EOL) resistors and be compatible with control panel models that accept contact inputs.

**PRODUCTS – MSS single switch series – (example:09/10C, 09 /10CT, 19C, 19/20CL, 25C, 25/26CL, 63S, 22/24S, 53/54SL, 88/89SL, 105/106S) &MSS multi-switch 300 series (example: 321S, 312C)**

### **Materials**

Switch and Magnet Housings made of UL 94HB plastic or aluminum –Housing dimensions to be nominally 3/8” diameter (09), 3/4" diameter (19), 1” (25) or 2.5” long (63, 321), or 4” long (105)

Internal switches must be Magnasphere technology (BMS)

Contacts must be fully potted using 94HB rated material

Lead wires to be solid color coded

### **Design features**

Magnetic Door Contacts with Magnasphere technology provides enhanced security and durability versus reed switch based contacts

Contact form: One Open Loop Alarm contact (09, 19, 22, 25, 63, 105) or one Closed Loop Alarm contact (10, 20, 26, 24, 54, 88, 106) or Two or Three Alarm contacts, Open or Closed Loop or combinations of Open and Closed Loop (MSS-3XX series).

Max. Electrical Rating

250 mA

30 VDC (Resistive)

0.25 W

UL 634 Listed

### **EXECUTION**

#### **Installation**

Per Manufacturer’s Instructions