

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