MAGNETIC SWITCH
MS-2049F, MS-2049S, MS-2049SC, MS-2049SI

These magnetic switches are designed primarily to serve as sensing devices to detect the opening of a door or window; to assure that a protected door is securely under surveillance; to serve as a trigger for a wall-mounted Detex Exit Alarm; to signal that a door has been inadvertently left open; and to be used as a direct switch to set off many kinds of audio and visual alarms.

Benefits
- Provides assurance that protected doors are under surveillance
- Serves as a trigger for alarms or remote monitors
- UL listed for use on fire rated doors and assemblies

Features
- Tamper protection - mounting screws inaccessible when door closed
- Components potted to protect against shock and moisture
- Easy installation with concealed wiring and color coded leads
- Surface mounted units are housed in a durable high impact ABS thermoplastic, a UL listed material used in the manufacture of telephones, auto bodies, etc.
- Wide range of alarm and signal applications
- Minimizes false signals due to loosely closed doors
- Switch rated for over one million operations under load

Technical Information
- Maximum contact ratings - 24VDC @ .5A
- For use on steel, aluminum or wood doors and frames
- May be mounted on stiles as narrow as 1-3/8"
- Overhead (preferred) or latch-stile mounting available for all models
- Switch - single pole, double throw (SPDT)
- The flush device (MS-2049F) should have the switch contact housed in the door frame and the magnet mortised in the edge of the door
- Wiring leads, 12" long, color coded, concealed
Riser Diagram

Overhead mounting (preferred)

- 6"
- 6"

Latch edge mounting

Listings and Approvals

LISTED

“UL Listed Miscellaneous Fire Door Accessories”
“UL Listed Door Position Switch”

Dimensions (MS-2049F)

Plaster Guard

Switch unit in jamb or header

Magnet unit in edge of door

Overhead Installation, Front View

Overhead Installation, Side View

Dimensions (MS-2049S)

Overhead Installation, Front View

Overhead Installation, Side View

Detex Limited Warranty

3 Year Limited Manufacturers Warranty

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