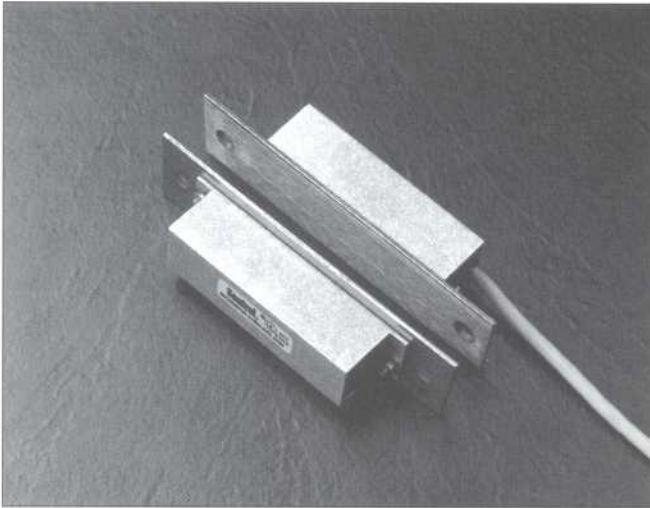


S E N T R O L

P R O D U C T I N F O R M A T I O N B U L L E T I N



2757/2767 SERIES HIGH SECURITY CONCEALED MAGNETIC CONTACTS



- **Ideal for high security applications**
- **Balanced, triple-biased features make defeat of switch virtually impossible**
- **Fits standard ANSI door cut-outs**
- **Adjustable contact (2767) and magnet for loose fitting doors**

Specifically designed for high security applications in prisons, military installations, government facilities, and commercial operations the Sentrol 2757/2767 Series Magnetic Contacts are virtually impossible to defeat. Total encapsulation coupled with recess mounting prevents access to the switch and to cabling, and prevents tampering with an external magnet. These contacts are factory calibrated for operation in steel and are not subject to sticking or freezing on seldom-used doors. In addition, the 2767 Contacts are adjustable for use in loose fitting doors.

continued

Sentrol 2757/2767 Series

Product Descriptions and Specifications

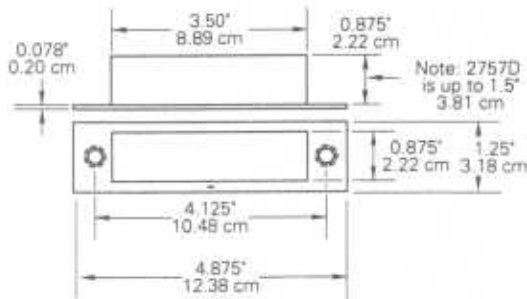
The 2757/2767 is comprised of three independent Form C biased reed switches wired in SPDT configuration. The 2757D has six independent Form C biased reed switches wired in DPDT configuration.

They all conform to the specifications for Class IV Preadjusted Balanced Magnetic Contacts and are UL rated. For central station direct wire circuits (indoor and outdoor). Each contact and magnet has a face plate of 14 ga. stainless steel with mounting holes on 4.125" centers, countersunk for #8 flathead screws. All contacts and magnets are potted in polyurethane in their respective housings.

The contacts have an actuating gap distance (make) of up to 0.4" (1.031 cm), and are provided with a supervised loop. The 2767 contact is adjustable $\pm 0.3"$ from end to end, and $\pm 0.25"$ from side to side.

Electrical diagrams

2757



Installation Instructions

The 2757/2767 Magnetic Contacts are designed to fit into standard ANSI cutouts for mortise installation. If door and jamb are provided with ANSI cutouts and blanks, simply remove the blanks and install the switch and magnet in place. If no cutout is provided, cut holes 1.25" (3.18 cm)W x 4.875" (12.38 cm)L x 1.250" (3.18 cm)D in both the door and jamb for the 2757 and 2757D models, and 1.25" (3.18 cm)W x 4.875" (12.38 cm)L x 1.000" (2.54 cm)D for the 2767.

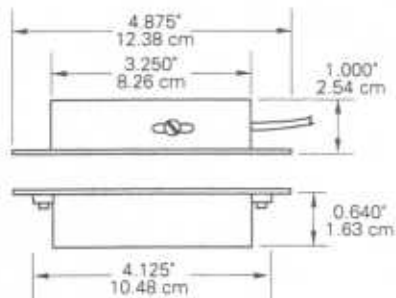
Switch and magnet should be within 0.625" both vertically and horizontally for proper alignment.

Connect contact leads to security loop per the electrical schematics below and test the loop for continuity.

Electrical Specifications:

Voltage 50 V AC/DC max
 Current 0.5 A max
 Power 2.5 W max

2767



Ordering Information

Part Number	Loop Type	Electrical Configuration	Gap Distance*	Lead Type
2757	Open or Closed	SPDT	Up to 0.4"	3' Vinyl jacketed
2757D	Open or Closed	DPDT	Up to 0.4"	3' Vinyl jacketed
2767	Open or Closed	SPDT	Up to 0.375"	3' Vinyl jacketed

* Gap distance is nominal make distance $\pm 20\%$



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