2767 Series Adjustable High-Security ANSI Contact

PRODUCT DESCRIPTION AND FEATURES
The Contact shall be comprised of three independent form-C triple-biased reed switches, wired in SPDT configuration, with Alnico VII and Amox V Magnets. It shall conform to the specifications for Class IV Preadjusted Balanced Magnetic Contacts. A supervised loop shall be provided. Contact shall have an actuating gap distance (make) of up to 0.4" (1.031 cm).

Contact and magnet shall fit into a standard ANSI cutout for mortise installation (1.25" x 4.875"). The contact and magnet housings shall be nominally 4.875" (12.38 cm) x 1.25" (3.175 cm) x 1.0" (2.54 cm) (L x W x D). Contact and magnet shall have face plates of 14 ga. stainless steel with mounting holes on 4.125" centers, countersunk for #8 flathead screws. The contacts and magnets shall be poled in polyurethane into their respective housings. Vinyl cable shall be poled into the contact housing. Contact shall be adjustable ± 0.25" from side to side. Contact and magnet shall be specified as Sentrol part number 2767.

IDEAL FOR PRISON DOOR APPLICATIONS
* The 2767 was designed specifically for prison door applications

ADJUSTABLE CONTACT AND MAGNET FOR LOOSE-FITTING DOORS
* For loose-fitting or misaligned doors, the 2767 contact can be adjusted both side to side and end to end by over 1/2 inch.

INSTALLATION INSTRUCTIONS
For doors with standard ANSI cutouts for mortise installation.

STEP 1: Remove blanks.

STEP 2: Connect contact leads to security loop per the electrical schematics below, and test the loop for continuity.

STEP 3: Install contact and magnets in respective positions and secure with screws. Contact and magnet should be facing and centered within .0625" both vertically and horizontally for proper alignment.

Note: If no cutout is provided, cut holes 1.25" W x 4.875" L x 1.0" D in both the door and jamb.

SWITCH ASSEMBLY

MAGNET ASSEMBLY

ELECTRICAL SCHEMATIC (With Magnet in Place)

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>LOOP TYPE</th>
<th>ELECTRICAL CONFIGURATION</th>
<th>GAP DISTANCE</th>
<th>LEAD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2767</td>
<td>Open or Closed</td>
<td>SPDT</td>
<td>Up To .375&quot;</td>
<td>3' Vinyl Jacketed</td>
</tr>
</tbody>
</table>

Gap distances are nominal make distance ±20%

Made in the U.S.A.

USA Corporate Office:
(509) 620-0540
FAX: (509) 620-9230
Toll Free (800) 547-2556
Canada Toll Free: (800) 253-5690

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