STEP 1: INSTALLATION

Models 2842TW, 2843TW, 2844TW, 2845T, 2846T, 2847T:
(Cover Tamper Optional)
Select desired mounting positions for switch and magnet, observing gap distance. On wide gap switches (2842TW, 2843TW, 2844TW) align labels on switch and magnet so labels read in same direction (switches are polarity sensitive).

Model 2847TH:
(Cover Tamper Standard)
Mount switch in desired location. Attach Ohmmeter to "Closed Loop" and "Common" terminals. Meter should read INFINITY with magnet away from switch. Bring magnet toward switch until meter reads 0 Ohms, mark this point. Align labels on switch and magnet so labels read in same direction (switch is polarity sensitive). Bring magnet toward switch until meter again reads INFINITY. Mark this point, and position the magnet between these two marks. With magnet positioned correctly, the switch shall have balanced operation and will be more difficult to defeat if an external magnet is used in such an attempt.

NOTE: The products, materials, and specifications covered in these Installation Instructions are subject to change without notice as Sentrol strives for continuing product improvement.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>LOOP TYPE</th>
<th>ELECTRICAL CONFIGURATION</th>
<th>LEAD TYPE</th>
<th>FINISH</th>
<th>GAP DISTANCE (MAKE)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>2842TW</td>
<td>Closed</td>
<td>N/O</td>
<td>#6 screw terminal</td>
<td>Textured Brown</td>
<td>Up to 2 1/2&quot;</td>
</tr>
<tr>
<td>2843TW</td>
<td>Open</td>
<td>N/C</td>
<td>#6 screw terminal</td>
<td>Textured Brown</td>
<td>Up to 2 1/2&quot;</td>
</tr>
<tr>
<td>2844TW</td>
<td>Open or Closed</td>
<td>SPDT</td>
<td>#6 screw terminal</td>
<td>Textured Brown</td>
<td>Up to 2 1/2&quot;</td>
</tr>
<tr>
<td>2845T</td>
<td>Closed</td>
<td>N/O</td>
<td>#6 screw terminal</td>
<td>Textured Brown</td>
<td>Up to 1&quot;</td>
</tr>
<tr>
<td>2846T</td>
<td>Open</td>
<td>N/C</td>
<td>#6 screw terminal</td>
<td>Textured Brown</td>
<td>Up to 1&quot;</td>
</tr>
<tr>
<td>2847T</td>
<td>Open or Closed</td>
<td>SPDT</td>
<td>#6 screw terminal</td>
<td>Textured Brown</td>
<td>Up to 1&quot;</td>
</tr>
<tr>
<td>2847TH</td>
<td>Open or Closed</td>
<td>SPDT</td>
<td>#6 screw terminal</td>
<td>Textured Brown</td>
<td>1/4&quot; min., 1&quot; max.</td>
</tr>
</tbody>
</table>

**Form A**: (2842TW, 2845T)
Voltage: 100 V AC/DC max.
Current: 0.5 A max.
Power: 7.5 W max.

**Form B**: (2843TW, 2846T)
Voltage: 30 V AC/DC max.
Current: 0.25 A max.
Power: 3.0 W max.

**Form C**: (2844TW, 2847T, 2847TH)
Voltage: 30 V AC/DC max.
Current: 0.25 A max.
Power: 3.0 W max.

**Cover Tamper**: (2847TH)
At 24 V AC/DC 125 mA max.
At 6 to 12 V DC 250 mA max.

*Gap Specifications are nominal and may vary ± 20%. Gap Specifications are for switch to make. Break distance is approximately 1.1 to 1.5 times make.

**European Union Specification: 48 V AC/DC Max., 0.5 Amp**

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