Heavy Duty Magnetic Switch for AC Voltage

**MLT Housing**

- Robust design to extend the life of the switch and allow for maximum reliability.
- Employs a Triac semiconductor device in conjunction with a reed to carry higher AC loads.
- Housing made of Glass-Filled Nylon material. Well suited for rugged environments.
- UL/CSA Recognized

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Contact Style</th>
<th>Operating Voltage (V)</th>
<th>Operating Current (A)</th>
<th># of Leads</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLT-Pxx (^1)</td>
<td>SPST/ Normally Open</td>
<td>120 AC</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MLT-Sxx (^1)</td>
<td>SPST/ Normally Closed</td>
<td>120 AC</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MLT-Pxx-S (^1,2)</td>
<td>SPST/ Normally Open</td>
<td>120 AC</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MLT-Wxx-S (^1,2)</td>
<td>SPDT</td>
<td>120 AC</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

'xx' indicates cable length in feet

Note 1: UL/CSA recognized
Note 2: Uses stainless steel hose

**APPLICATIONS**

- Compactor Equipment
- Baler Equipment
- Truck or Trailer Doors
- Rugged Environments

**GENERAL SPECIFICATIONS**

**HOUSING:** Glass-Filled Nylon
**MAGNET:** 1000 Gauss
**CABLE:** 18 AWG with UL PVC jacket or armored cable
**OPERATING TEMPERATURE:** 14°F - 140°F (-10°C - 60°C)
**SHOCK RESISTANCE:** 50g
**VIBRATION RESISTANCE:** 30g
**ENVIRONMENT:** Suitable for use in class 1, 3R & 4 applications
**ACTIVATION DISTANCE:** 0.5 inch minimum, release 1.5 inch maximum

**ORDERING OPTIONS:**

<table>
<thead>
<tr>
<th>OPTION</th>
<th>DESCRIPTION</th>
<th>DESIGNATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexible Stainless Steel Hose</td>
<td>The switch cable is placed inside flexible stainless steel hose to protect the cable from mechanical abuse.</td>
<td>-S</td>
</tr>
<tr>
<td>Reverse Lead Exit</td>
<td>The switch cable exits on the opposite side of the housing.</td>
<td>-L</td>
</tr>
<tr>
<td>Aluminum Housing</td>
<td>The switch is placed in an Aluminum Housing.</td>
<td>-AL</td>
</tr>
</tbody>
</table>

Options may be combined. Contact factory for availability.