Heavy Duty Magnetic Switch for AC Voltage

MLU Housing

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

**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>MLU-Pxx</td>
<td>SPST / Normally Open</td>
<td>120 AC</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MLU-Sxx</td>
<td>SPST / Normally Closed</td>
<td>120 AC</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MLU-Wxx</td>
<td>SPDT</td>
<td>120 AC</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

'xx' indicates cable length in feet

**APPLICATIONS**

- Door Switch
- Industrial Automation
- Truck or Trailer Doors
- Rugged Environments

**MAGNETIC SWITCH ADVANTAGE:**

Not prone to being over-ridden by tape, mechanical intervention, dirt, or ice.

**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>
</tbody>
</table>

Contact factory for availability.