Magnetic Alarm Reed Switch

**Features**
- Normally Closed & Normally Open

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-627</td>
<td>SPDT</td>
<td>NO or NC</td>
<td>Magnet</td>
<td>S99</td>
</tr>
</tbody>
</table>

**S99**

<table>
<thead>
<tr>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>315 (8.0)</td>
</tr>
<tr>
<td>2.134 (54.2)</td>
</tr>
<tr>
<td>203 (5.15)</td>
</tr>
<tr>
<td>2.134 (54.2)</td>
</tr>
<tr>
<td>203 (5.15)</td>
</tr>
</tbody>
</table>

**Specifications**
- **Contact Rating:** 3 W/VA
- **Contact Resistance:** 200 megohms
- **Contact Material:** Ruthenium Oxide over Rhodium
- **Voltage Rating:** 125 VAC, 100 VDC
- **Switching Current:** 250mA
- **Insulation Resistance:** 10 gigohms
- **Vibration Resistance:** nil
- **Life Expectancy:** 10,000,000 cycles
- **Operating Gap:** 1.180" (3cm) max.
- **Terminal Type:** Screw
- **Mounting Hole:** .157" (4mm)

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Magnetic Alarm Reed Switch

**Features**
- 3/8" (9mm) Diameter Press Fit
- Operating Gap 5/8" (16mm) min.
- 18" Wire Leads
- 3/4" (19mm) Collar Flange for Better Retention

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-628</td>
<td>S751-NO</td>
<td>NO for Closed Loop System</td>
<td>Magnet</td>
<td>S100</td>
</tr>
</tbody>
</table>

**S100**

<table>
<thead>
<tr>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.260 (32.0)</td>
</tr>
<tr>
<td>1.260 (32.0)</td>
</tr>
<tr>
<td>.354 (8.8)</td>
</tr>
</tbody>
</table>

**Specifications**
- **Contact Rating:** 10W/VA
- **Contact Resistance:** 150 milliohms.
- **Contact Material:** Ruthenium Oxide over Palladium
- **Switching Voltage:** 200 VDC max.
- **Switching Current:** 500mA max.
- **Insulation Resistance:** 10 gigohms
- **Shock Resistance:** nil
- **Vibration Resistance:** 20G (10 to 1000Hz)
- **Life Expectancy:** 20,000,000 cycles (resistive load, 12VDC, 250mA)
- **Operating Gap:** .629" (16mm) min.
- **Terminal Type:** Wire Leads
- **Mounting Hole:** .375" (9mm)
Magnetic Alarm Reed Switch

**Features**
- 3/8” (9mm) Dia with 18” Long Wire Leads
- Easy & Quick Installation
- Longer Length
- Operate Gap 3/4” (19mm) min.

![Image of Magnetic Alarm Reed Switch](image1.png)

**Specifications**

<table>
<thead>
<tr>
<th>Contact Rating</th>
<th>10W/VA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Resistance</td>
<td>150 milliohms.</td>
</tr>
<tr>
<td>Contact Material</td>
<td>Ruthenium Oxide over Palladium</td>
</tr>
<tr>
<td>Switching Voltage</td>
<td>200 VDC max.</td>
</tr>
<tr>
<td>Switching Current</td>
<td>500mA max.</td>
</tr>
<tr>
<td>Insulation Resistance</td>
<td>100 megohms</td>
</tr>
<tr>
<td>Shock Resistance</td>
<td>30G for 11mS</td>
</tr>
<tr>
<td>Vibration Resistance</td>
<td>20G (10 to 1000Hz)</td>
</tr>
<tr>
<td>Life Expectancy</td>
<td>20,000,000 cycles (resistive load, 12VDC, 250mA)</td>
</tr>
<tr>
<td>Operating Gap</td>
<td>0.748” (19mm) min.</td>
</tr>
<tr>
<td>Terminal Type</td>
<td>Wire Leads</td>
</tr>
<tr>
<td>Mounting Hole</td>
<td>0.375” (9mm)</td>
</tr>
</tbody>
</table>

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Magnetic Alarm Reed Switch

**Features**
- 3/8” (9mm) Dia with Adaptor Holder
- Wide Operating Gap 3/4” (19mm) min.
- Easy & Quick Installation
- 3/4” Adaptor/Holder

![Image of Magnetic Alarm Reed Switch](image2.png)

**Specifications**

<table>
<thead>
<tr>
<th>Contact Rating</th>
<th>10W/VA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Resistance</td>
<td>150 milliohms.</td>
</tr>
<tr>
<td>Contact Material</td>
<td>Ruthenium Oxide over Palladium</td>
</tr>
<tr>
<td>Switching Voltage</td>
<td>200 VDC max.</td>
</tr>
<tr>
<td>Switching Current</td>
<td>500mA max.</td>
</tr>
<tr>
<td>Insulation Resistance</td>
<td>100 megohms</td>
</tr>
<tr>
<td>Shock Resistance</td>
<td>30G for 11mS</td>
</tr>
<tr>
<td>Vibration Resistance</td>
<td>20G (10 to 1000Hz)</td>
</tr>
<tr>
<td>Life Expectancy</td>
<td>20,000,000 cycles (resistive load, 12VDC, 250mA)</td>
</tr>
<tr>
<td>Operating Gap</td>
<td>0.748” (19mm) min.</td>
</tr>
<tr>
<td>Terminal Type</td>
<td>Wire Leads</td>
</tr>
<tr>
<td>Mounting Hole</td>
<td>0.375” (9mm)</td>
</tr>
</tbody>
</table>
Magnetic Alarm Reed Switch

Features
- Mini Stick-On Surface Mount Contact with Side Leads
- 18" Long Side Wire Leads
- Adhesive & Screw Mounting
- Operate Gap 3/4" (19mm) min.

NTE Type No. | Circuitry | Action | Actuator | Diag No.
-------------|-----------|--------|----------|--------
S4-632       | SPST-NO   | NO for Closed Loop System | Magnet | S103

Specifications
- Contact Rating: 10W/VA
- Contact Resistance: 150 milliohms.
- Contact Material: Ruthenium Oxide over Palladium
- Switching Voltage: 200 VDC max.
- Switching Current: 500mA max.
- Insulation Resistance: 10 gigohms
- Shock Resistance: 30G for 11mS
- Vibration Resistance: 20G (10 to 1000Hz)
- Life Expectancy: 20,000,000 cycles (resistive load, 12VDC, 250mA)
- Operating Gap: .748" (19mm) min.
- Terminal Type: Wire Leads
- Mounting Hole: .250" (6.35mm)

Magnetic Roller Ball Switch

Features
- 3/8" Dia with 18" Long Wire Leads
- Flange for Reliable Retention
- Suitable For Sliding as well as Swing Doors

NTE Type No. | Circuitry | Action | Actuator | Diag No.
-------------|-----------|--------|----------|--------
S4-633       | SPST-NO   | NO for Closed Loop System | Magnet | S104

Specifications
- Contact Rating: 10W/VA
- Contact Resistance: 150 milliohms.
- Contact Material: Ruthenium Oxide over Palladium
- Switching Voltage: 200 VDC max.
- Switching Current: 500mA max.
- Insulation Resistance: 10 gigohms
- Shock Resistance: 30G for 11mS
- Vibration Resistance: 20G (10 to 1000Hz)
- Life Expectancy: 20,000,000 cycles (resistive load, 12VDC, 250mA)
- Terminal Type: Wire Leads
- Mounting Hole: .375" (9mm)
# Panic Switch

**Features**
- Surface Mount Type
- Push Button Function
- Emergency Marking on the Button

![Panic Switch Image]

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-634</td>
<td>SPST-NO</td>
<td>NO for Closed Loop System</td>
<td>Microswitch</td>
<td>S105</td>
</tr>
</tbody>
</table>

**Specifications**
- **Contact Rating:** 10W/VA
- **Contact Resistance:** 150 milliohms.
- **Contact Material:** Silver over Palladium
- **Switching Voltage:** 200 VDC max.
- **Switching Current:** 500mA max.
- **Insulation Resistance:** 10 gigohms
- **Shock Resistance:** 30G for 11mS
- **Vibration Resistance:** 20G (10 to 1000Hz)
- **Life Expectancy:** 20,000,000 cycles (resistive load, 12VDC, 250mA)
- **Terminal Type:** Y Type Tin Plated Brass

# Magnetic Plunger Switch

**Features**
- 3/8” Dia Mounting Hole
- Flange for Reliable Retention
- 3mm Pre-Travel Stroke and 7mm Overall Operating Stroke
- 18” Long Wire Leads
- Screw Provided

![Magnetic Plunger Switch Image]

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-635</td>
<td>SPST-NO</td>
<td>NO for Closed Loop System</td>
<td>Magnet</td>
<td>S106</td>
</tr>
</tbody>
</table>

**Specifications**
- **Contact Rating:** 10W/VA
- **Contact Resistance:** 150 milliohms.
- **Contact Material:** Ruthenium Oxide over Palladium
- **Switching Voltage:** 200 VDC max.
- **Switching Current:** 500mA max.
- **Insulation Resistance:** 10 gigohms
- **Shock Resistance:** 30G for 11mS
- **Vibration Resistance:** 20G (10 to 1000Hz)
- **Life Expectancy:** 20,000,000 cycles (resistive load, 12VDC, 250mA)
- **Terminal Type:** Wire Leads
- **Mounting Hole:** .375” (9mm)
Magnetic Alarm Reed Switch

Features
- Mini Stick-On Contact with Flange Center Leads
- 18" Leads
- Adhesive and Screw Mount
- Standard Gap: 1" (25mm)

Specifications
- Contact Rating: 10W/VA
- Contact Resistance: 150 milliohms.
- Contact Material: Ruthenium Oxide over Palladium
- Switching Voltage: 200 VDC max.
- Switching Current: 500mA max.
- Insulation Resistance: 10 gigohms
- Shock Resistance: 30G for 11mS
- Vibration Resistance: 20G (10 to 1000Hz)
- Life Expectancy: 20,000,000 cycles (resistive load, 12VDC, 250mA)
- Terminal Type: Wire Leads
- Mounting Hole: .200" (5mm)

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Color</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-630</td>
<td>White</td>
<td>SPST-NO</td>
<td>NO for Closed Loop System</td>
<td>Magnet</td>
<td>S107</td>
</tr>
<tr>
<td>54-636</td>
<td>Brown</td>
<td>SPST-NO</td>
<td>NO for Closed Loop System</td>
<td>Magnet</td>
<td>S107</td>
</tr>
<tr>
<td>54-637</td>
<td>Black</td>
<td>SPST-NO</td>
<td>NO for Closed Loop System</td>
<td>Magnet</td>
<td>S107</td>
</tr>
</tbody>
</table>