Magnetic Alarm Reed Switch

Features
- Can be installed/wired to be 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>

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
- Shock Resistance: nil
- Vibration Resistance: nil
- Life Expectancy: 10,000,000 cycles
- Operating Gap: 1.180" (3cm) max.
- Terminal Type: Screw
- Mounting Hole: .157" (4mm)

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>
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<tr>
<th>NTE Type No.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>54-628</td>
<td>SPST-No</td>
<td>NO for Closed Loop System</td>
<td>Magnet</td>
<td>S100</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)
- Operating Gap: .629" (16mm) min.
- Terminal Type: Wire Leads
- Mounting Hole: .375" (9mm)

NOTE: The circuit is open when the magnet is not present.
* The operating gap is the maximum distance that the magnet can be from the switch before operation is released.
Magnetic Alarm Reed Switch

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

**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: 0.748” (19mm) min.
- Terminal Type: Wire Leads
- Mounting Hole: 0.375” (9mm)

---

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

**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: 0.748” (19mm) min.
- Terminal Type: Wire Leads
- Mounting Hole: 0.375” (9mm)
Magnetic Alarm Reed Switch

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

![Magnetic Alarm Reed Switch Image]

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</tr>
</thead>
<tbody>
<tr>
<td>54-632</td>
<td>SPST-NO</td>
<td>NO for Closed Loop System</td>
<td>Magnet</td>
</tr>
</tbody>
</table>

NTE Type No. | Circuitry | Action | Actuator | Diag No. |
---------|-----------|--------|----------|----------|
54-632 | SPST-NO | NO for Closed Loop System | Magnet | S103 |

NOTE: The circuit is open when the magnet is not present.
* The operating gap is the maximum distance that the magnet can be from the switch before operation is released.

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 gigoohms
- 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

![Magnetic Roller Ball Switch Image]

<table>
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<tr>
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<th>Action</th>
<th>Actuator</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-633</td>
<td>SPST-NO</td>
<td>NO for Closed Loop System</td>
<td>Magnet</td>
</tr>
</tbody>
</table>

NTE Type No. | Circuitry | Action | Actuator | Diag No. |
---------|-----------|--------|----------|----------|
54-633 | SPST-NO | NO for Closed Loop System | Magnet | S104 |

NOTE: The circuit is open when the ball is not depressed.

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 gigoohms
- 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

<table>
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<tr>
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<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>

S105

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 gigoohms
- Shock Resistance: 3G 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

<table>
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<tr>
<th>NTE Type No.</th>
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<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>

S106

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 gigoohms
- Shock Resistance: 3G 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)

NOTE: The circuit is open when the plunger is not depressed.
Magnetic Alarm Reed Switch

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

![Image of Magnetic Alarm Reed Switch]

<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</td>
<td>NO for Closed Loop System</td>
<td>Magnet</td>
</tr>
<tr>
<td>54-636</td>
<td>Brown</td>
<td>SPST-NO</td>
<td>NO</td>
<td>NO for Closed Loop System</td>
<td>Magnet</td>
</tr>
<tr>
<td>54-637</td>
<td>Black</td>
<td>SPST-NO</td>
<td>NO</td>
<td>NO for Closed Loop System</td>
<td>Magnet</td>
</tr>
</tbody>
</table>

**NOTE:** The circuit is open when the magnet is not present.

* The operating gap is the maximum distance that the magnet can be from the switch before operation is released.

**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)