SPECIFICATIONS
SI-3009 MAGNETIC SWITCH

SI-3009-PS: Two permanent positions
SI-3009-RA: Automatic Reset
SI-3009-PSI: Waterproof Enclosure

- Rugged light alloy casting coated with Rilsan
- Sealed case against dust and water
- Mechanism is completely encapsulated
- Temperature limits: -20° to 70°C

Electrical Contacts:
2 Changeover contacts, silver-gold 900/1000
Ratings: 2.5 Amps at 240VAC
0.5 Amps at 110VDC
Contacts may be connected in series to switch 240VDC
Connecting the contacts in parallel enables a current of 4 Amps AC to be interrupted

Electrical Connections:
Terminal clamping area: 2mm²
In the case of Automatic Reset type Magnetic Switches, the ‘R’ contacts are closed in the presence of an inductor. The two contacts are shifted simultaneously

Operating Distance:
<table>
<thead>
<tr>
<th>Inductor</th>
<th>Maximum Operating Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>SI-3102</td>
<td>60mm</td>
</tr>
<tr>
<td>SI-3107-A36</td>
<td>60mm</td>
</tr>
</tbody>
</table>

Notes:
1. In practice, actual operating distances are 15% less than the figures quoted above.
2. If the speed of the Inductor exceeds 6 meters/second, the operating distances must be reduced in accordance with the following table:

<table>
<thead>
<tr>
<th>Speed of Travel</th>
<th>Reducing Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 – 14 m/sec</td>
<td>0.9</td>
</tr>
<tr>
<td>15 – 25 m/sec</td>
<td>0.8</td>
</tr>
</tbody>
</table>

Dimensions (in mm)
SI3009-PS/RA

SI-3009-PSI