Reed Switch Assembly

Features
- Each switch cup contains either two Tungsten, two Rhodium, or two Rhodium (IS) Reed switches
- Fully encapsulated hermetically sealed Reed Switches

Reed Switch Ambient Temperature
-40°F to 150°F (-40°C to 65°C)

Construction

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Cup</td>
<td>ABS</td>
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<tr>
<td>Encapsulant</td>
<td>Silicone</td>
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<tr>
<td>Contacts</td>
<td>Stainless Steel</td>
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</tbody>
</table>

Electrical

Reed Switches
- Tungsten: 120VAC@3A or 24VDC@2A
  - Maximum power allowable is 100 Watts or 100VA
  - Minimum power required to ensure proper operation is 3W or 3VA
- Rhodium: 24VDC@1A
  - Maximum power allowable is 25 Watts
  - Minimum current required to ensure proper operation is 10mA@3VDC
- Rhodium (IS): 2mA to 1A@24VDC (suitable for IS applications)
  - “IS”- Class I,II,III, Div. 1,
    Groups A,B,C,D,E,F, and G
  - Class I, Zone 1, AEx ib IIC T6
  - Class I, Zone 1, Ex ib IIC T6
  - Class I, Zone 0, Ex ia IIC T6

Ordering Number Example: VR2C2Y_2NGA

M = REED SPDT Tungsten 3A
E = REED SPDT Rhodium 1A
S = REED SPDT Rhodium (IS)