POWR-SPEED® Accessories
MS SERIES HIGH-SPEED FUSE MICROSWITCH

Microswitch for Square Body Fuse

Description
Littelfuse MS series external mount microswitches offer permanent blown fuse indication to PSR and PSX series high-speed square-body semiconductor fuses. They have one normally open (N.O.) and one normally closed (N.C.) contact rated for 4 A, 250 V ac.

These microswitches have a visual red flap or arm indicator that releases after fuse blown condition and can also be used for resetting the microswitch contacts.

Features/Benefits
- Available in three sizes to fit PSR and PSX series fuses
- Internal microswitch UL recognized
- Red flap visual indicator and contact reset mechanism

Specifications

<table>
<thead>
<tr>
<th>Voltage Rating</th>
<th>Amperage Rating</th>
<th>Operating Temperature</th>
<th>Relative Humidity</th>
<th>Contact</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>See Electrical Characteristics table</td>
<td>See Electrical Characteristics table</td>
<td>-25 °C to +125 °C</td>
<td>85 %</td>
<td>Silver-nickel plated copper</td>
<td>Internal microswitch part number: MS1-1620-A150, recognized under UL File: E176213</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
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<td>UL 94 V0</td>
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<td></td>
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<td>RoHS Compliant</td>
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<td>Country of Origin: China</td>
</tr>
</tbody>
</table>

Electrical Characteristics

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>ORDERING NUMBER</th>
<th>INDICATING STYLE</th>
<th>INSULATION VOLTAGE RATING</th>
<th>COMPATIBLE FUSE SERIES</th>
<th>FUSE CASE SIZE</th>
<th>NON-INDUCTIVE LOAD</th>
<th>PACK QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS3H1000C</td>
<td>MS3H1000C</td>
<td>Standard NO-NC</td>
<td>1000</td>
<td>PSR</td>
<td>30, 31, 32, 33</td>
<td>10 A, 16 A, 4 A</td>
<td>3 Pcs/Bag</td>
</tr>
<tr>
<td>MS7H1500C</td>
<td>MS7H1500C</td>
<td>Standard NO-NC</td>
<td>1500</td>
<td>PSR</td>
<td>70, 71, 72, 73</td>
<td>10 A, 16 A, 4 A</td>
<td>3 Pcs/Bag</td>
</tr>
</tbody>
</table>

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Dimensions

**MS3H1000C**

**MS7H1500C**

**MSXL2000C**

1/4" Q.C TERMINALS

VISUAL INDICATOR
Mounting Method

Step 1

Fix the two M4 x 0.7 screws on the external indicator switch up to its screw heads.

Step 2

Align the two screws straight to the fuse indicator terminals.

Step 3

Tighten the screws to the fuse indicator terminals at its maximum recommended torque values.

Step 4

Recommended external indicator switch screws tightening torque:
- 0.6 to 0.8 Nm or
- 5.3 to 7 in-lbs

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