MS SERIES HIGH-SPEED FUSE MICROSWITCH

1000C Contact Insulation Voltage (1000, 1500)

Description
Littelfuse MS Series external mount Microswitches offer permanent blown fuse indication to PSR Series High-Speed Square-Body Semiconductor Fuses. They have one normally open (N.O.) and one normally closed (N.C.) contact rated for 4A, 250V 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 two sizes to fit PSR Series Fuse Case Sizes 30 - 33 and 70 - 73
- Internal microswitch UL Listed
- Red flap visual indicator and contact reset mechanism
- Minimum positive operating voltage and current at 4V/1mA

Specifications
- Voltage Rating: See Electrical Characteristics Table
- Amperage Rating: See Electrical Characteristics Table
- Interrupting Rating: See Electrical Characteristics Table

Relative Humidity
95%

Contact
Silver-Nickel Plated Brass

Approvals
Internal Microswitch Part Number: U83161.8, Listed under UL File: E42016
UL 94 V2

Flammability
RoHS Compliant

Environmental
China

Ordering Information

<table>
<thead>
<tr>
<th>SERIES</th>
<th>FUSE CASE SIZE</th>
<th>CONTACT INSULATION VOLTAGE</th>
<th>CATALOG NUMBER</th>
<th>ORDERING NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS</td>
<td>30 - 33</td>
<td>1000C</td>
<td>MS3H1000C</td>
<td>MS3H1000C</td>
</tr>
<tr>
<td>MS</td>
<td>70 - 73</td>
<td>1000C</td>
<td>MS7H1500C</td>
<td>MS7H1500C</td>
</tr>
</tbody>
</table>

Electrical Characteristics

<table>
<thead>
<tr>
<th>CATALOG NUMBER / ORDERING NUMBER</th>
<th>INDICATING STYLE</th>
<th>INSULATION VOLTAGE RATING (V AC)</th>
<th>FUSE CASE SIZE</th>
<th>POSITIVE OPERATING MIN VOLTAGE / MIN CURRENT</th>
<th>INTERRUPTING RATING</th>
<th>OPERATING TEMP.</th>
<th>RELATIVE HUMIDITY</th>
<th>PACK QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS3H1000C*</td>
<td>Standard NO-NC</td>
<td>1000</td>
<td>30, 31, 32, 33</td>
<td>4V / 1mA</td>
<td></td>
<td>-60 °C to +125 ° C</td>
<td>95%</td>
<td>3 Pcs/Bag</td>
</tr>
<tr>
<td>MS7H1500C*</td>
<td>Standard NO-NC</td>
<td>1500</td>
<td>70, 71, 72, 73</td>
<td>4V / 1mA</td>
<td></td>
<td>-60 °C to +125 ° C</td>
<td>95%</td>
<td>3 Pcs/Bag</td>
</tr>
</tbody>
</table>

* Contains internal microswitch (Part Number: U83161.8), listed under UL File: E42016.
Dimensions

MS3H1000C

1/4" Q.C TERMINALS

MS7H1500C

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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