Surge arrester

2-electrode arrester

Series/Type: A80-A800X
Ordering code: B88069X7661C103
Date: 2019-06-26
Version: 03
Surge arrester

2-electrode arrester

Features

- Very fast response time
- Stable performance over life
- High insulation resistance
- RoHS-compatible

Applications

- Industry

Electrical specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC spark-over voltage</td>
<td>&gt; 600 V</td>
</tr>
<tr>
<td>Impulse spark-over voltage</td>
<td>&lt; 1500 V</td>
</tr>
<tr>
<td>Service life 8/20 µs</td>
<td>20 kA</td>
</tr>
<tr>
<td>Breakdown time</td>
<td>&lt; 100 ns</td>
</tr>
<tr>
<td>Insulation resistance at 100 V&lt;sub&gt;DC&lt;/sub&gt;</td>
<td>&gt; 1 GΩ</td>
</tr>
<tr>
<td>Capacitance at 1 MHz</td>
<td>&lt; 1 pF</td>
</tr>
<tr>
<td>Weight</td>
<td>~ 3 g</td>
</tr>
<tr>
<td>Operation and storage temperature</td>
<td>−40 ... +125 °C</td>
</tr>
<tr>
<td>Climatic category (IEC 60068-1)</td>
<td>40/125/21</td>
</tr>
<tr>
<td>Marking, blue positive</td>
<td>EPCOS 800 YY O</td>
</tr>
</tbody>
</table>

Certifications

UL 1449 (E319264)

1) At delivery AQL 0.65 level II, DIN ISO 2859
2) In darkness without storage
Surge arrester

2-electrode arrester

Dimensional drawing in mm

Ordering code and packing advice

B88069X7661C103 = 1000 pcs. in container

Cautions and warnings

- Do not operate surge arresters in power supply networks, whose maximum operating voltage exceeds the minimum spark-over voltage of the surge arresters.
- Surge arresters may become hot in the event of longer periods of current stress (burn risk). In the event of overload the connectors may fail or the component may be destroyed.
- If the contacts of the surge arresters are defective, current load can cause sparks and loud noises.
- Surge arresters must be handled with care and must not be dropped.
- Do not continue to use damaged surge arresters.
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