800/801/802/803 Series
Panel Mount Enclosed Fuse Holders

Product Characteristics

<table>
<thead>
<tr>
<th>Series</th>
<th>800</th>
<th>800 01</th>
<th>800-25</th>
<th>801/802</th>
<th>803 01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible Fuses</td>
<td>5×20mm</td>
<td>6.3×32mm</td>
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<td>6.3×32mm</td>
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</tbody>
</table>

- **Materials**
  - Holder/Cap: Black Thermoplastic, UL94 V-0
  - Clamping spring: non-corrosion metal, untreated

- **Metal Parts**: Copper alloy, corrosion protected
- **Terminals**: Solderable, tinned

- **Electrical Data (23°C)**
  - Rated Voltage: 250V
  - Rated Voltage: 500V
  - Rated Current: 6.3A (800+815-VDE)
  - Rated Current: 10A (800+816-VDE)
  - Rated Current: 16A (UL/CSA)
  - Rated Power: 2.5W (VDE)
  - Rated Power: 4W (VDE)

- **Mounting**
  - 12.7mm diameter D-hole or double D-hole
  - Admissible torque on plastic hex nut is 1.2Nm

- **Terminals**
  - Solderable or 4.8mm quick connect-fits 0.5mm tab / 6.3mm for 800-25

- **Electronic Shock Protection**
  - PC2 (IEC 60127-6)

- **Ingress Protection**
  - IP 40 (IEC 60529)

- **Operating Temperature**
  - -25°C to +70°C

- **Climatic Test**
  - -25°C/+70°C/21 days (IEC 60068-2-1...3)

- **Stock Conditions**
  - +10ºC to +60ºC relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

- **Vibration Resistance**
  - 24 cycles at 15 min. each (IEC 60068-2-6) 10 - 60Hz at 0.75mm amplitude 60 - 2000Hz at 10g acceleration

- **Contact Resistance**
  - ≤ 5mΩ

- **Dielectric Strength**
  - > 1.5 kV

- **Impulse Voltage**
  - 4 kV, 50 Hz, 1 min., dry

- **Insulation Resistance**
  - > 103 MΩ (500VDC, 1 min.)

- **Solderability**
  - 235°C, 3 sec. (Wave)
  - 350°C, 1 sec. (Soldering Iron)

- **Solder Heat Resistance**
  - 250°C, 5 sec. (IEC 60068-2-20)

- **Min. Cross Section**
  - Conductor - 2.5mm²

- **Marking**
  - 800, 250V, Approvals
  - 801, 500V, Approvals
  - 802, 25, 500V, Approvals

- **Unit Weight**
  - 4.7g (Holder)
  - 2.5g (Cap)

**Agency Approvals**

<table>
<thead>
<tr>
<th>Agency</th>
<th>800</th>
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<tbody>
<tr>
<td>Part Number</td>
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<td>Agency File Number</td>
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</table>

**Notes:**
- Certification includes 815 cap only
- Certification includes both 815 and 816 caps

**Ordering Information**

- **Holders**:
  - 80000000005
  - 80000000006
  - 80000000007
  - 80000000008

- **Caps**:
  - For 5×20mm fuse: 81500000005
  - For 6.3×32mm fuse: 81600000005

- **Packaging**
  - Bulk 100 Pcs all items listed above
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Dimensions (millimeters)

800/800 01 Series

Table of Dimensions:

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
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<tbody>
<tr>
<td>800-25</td>
<td></td>
</tr>
<tr>
<td>800/800 01 Series</td>
<td>max. 0.2</td>
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<tr>
<td>801/802 Series</td>
<td>distance max 0.2</td>
</tr>
<tr>
<td>815/816 Cap</td>
<td>max. 34 — Cap 815 max. 33.8 — Cap 816</td>
</tr>
</tbody>
</table>

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