Cartridge Fuse Holders
Enclosed Fuseholders > Panel Mounted

### Product Characteristics

<table>
<thead>
<tr>
<th>Series</th>
<th>800</th>
<th>800 01</th>
<th>801/802</th>
<th>803 01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rated Voltage</strong>:</td>
<td>250V</td>
<td>500V</td>
<td>250V</td>
<td>500V</td>
</tr>
<tr>
<td><strong>Rated Current</strong>:</td>
<td>6.3A (800+815-VDE)</td>
<td>10A (800+815-VDE)</td>
<td>16A (UL/CSA)</td>
<td>16A (VDE)</td>
</tr>
<tr>
<td><strong>Rated Power</strong>:</td>
<td>2.5W (VDE)</td>
<td>4W (VDE)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Materials**
- **Holder/Cap**: Black Thermoplastic, UL94 V-0
- **Clamp 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 Voltage**: 250V
- **Rated Voltage**: 500V
- **Rated Current**: 6.3A (800+815-VDE)
- **Rated Current**: 10A (800+815-VDE)
- **Rated Current**: 16A (UL/CSA)
- **Rated Current**: 10A (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
- Pluggable with clamping spring in 12.7mm diam ter D-hole (panel of 0.75mm - 3 mm)

**Terminals**
- Solderable or 4.8mm quick connect-fits 0.5mm tab

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

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

**Operating Temperature**
- -25ºC to +70ºC

**Climatic Test**
- -25ºC;+70ºC/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 NA

**Contact Resistance**
- ≤ 5mΩ

**Dielectric Strength**
- > 1.5 kV

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

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

**Solderability**
- 235°C, 3 sec. (Wave)
- 350°C, 1 sec. (Soldering Iron)
- 235°C, 2 sec. (Wave)
- 350°C, 1 sec. (Soldering Iron)
- 235°C, 2 sec. (Wave)
- 350°C, 3 sec. (Soldering Iron)

**Solder Heat Resistance**
- 260°C, 5 sec. (IEC 60068-2-20)

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

**Marking**
- 800, 250V, Approvals
- 800 01, 500V, Approvals
- Series, 250V, Approvals
- 803, 500V, Approvals
- 801/802 Series
- 803 01 Series

**Unit Weight**
- 4.7g (Holder)
- 2.5g (Cap)
- 5.0g (801/802)
- 2.5g (815/816)
- 4.9g (803)
- 2.0g (816)

**Note:** Refer to Fuseology for information on proper fuseholder re-rating

### Ordering Information

<table>
<thead>
<tr>
<th>Holders</th>
<th>80000000005</th>
<th>80000000010</th>
<th>80100000005</th>
<th>80200000005</th>
<th>80300000010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caps</td>
<td>81500000005</td>
<td>81600000005</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Packaging</td>
<td>Bulk 100 Pcs all items listed above</td>
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<td></td>
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</tbody>
</table>

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Dimensions (millimeters)

800/800 01 Series

801/802 Series

803 01 Series

815/816 Cap

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