820/821/823/824 Series Panel Mount Enclosed Fuseholders

Dimensions 820

820 Series Holder
820 20 Series Holder
821 Series Holder
823 Series Holder
824 Series Holder
824 20 Series Holder

Additional Information

Resources 820 Series
Accessories 820 Series
Samples 820 Series

Resources 821 Series
Accessories 821 Series
Samples 821 Series

Resources 823 Series
Accessories 823 Series
Samples 823 Series

Resources 824 Series
Accessories 824 Series
Samples 824 Series

823 Series

824 Series

835 Cap
837 Cap

Specifications are subject to change without notice. Application testing is strongly recommended.
# 820/821/823/824 Series

## Panel Mount Enclosed Fuseholders

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## Product Characteristics

### Compatible Fuses

<table>
<thead>
<tr>
<th>Series</th>
<th>820 Series</th>
<th>820 20 Series</th>
<th>821 Series</th>
<th>823 Series</th>
<th>824 Series</th>
<th>824 20 Series</th>
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</thead>
<tbody>
<tr>
<td>Holder/Cap:</td>
<td>Black Thermoplastic UL 94 V-0</td>
<td>Holder/Cap: White Thermoplastic PBT, UL94 V-0</td>
<td>Holder/Cap: Thermoplastic black, UL94 V-0</td>
<td>Holder/Cap: Black Thermoplastic UL94 V-0</td>
<td>Holder/Cap: Thermoplastic UL94 V-0, black</td>
<td>Holder/Cap: Thermoplastic UL94 V-0, white</td>
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<tr>
<td>Nut:</td>
<td>Thermoplastics, black, UL94 V-0</td>
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### Materials

- **Holder/Cap:**
  - Black Thermoplastic UL 94V-0
  - White Thermoplastic PBT, UL94 V-0
  - Black Thermoplastic UL94 V-0
  - Black Thermoplastic UL94 V-0, white

- **Nut:**
  - Thermoplastics, black, UL94 V-0

- **Metal Parts:**
  - Copper alloy, corrosion protected

- **Clamp Spring:**
  - Spring steel, non-treated

### Electrical Data (23°C)

| Rated Voltage: | 250V |
| Rated Current: | 6.3A (VDE) 16A (UL/CSA) |
| Rated Power: | 2.5 W (VDE) |
| Rated Power: | 4 W (VDE) |

### Mounting

- 12.7mm diameter D-hole or double D-hole
- Admissible torque on plastic hex nut is 1.2Nm
- Pluggable with clamping spring into 12.7mm diameter D-hole (panel thickness 0.75mm-3mm)

### Terminals

- Solderable, tinned
- 4.0 g (Holder) / 1.6 g (835) / 2.2 g (837)
- 4.0 g (820) / 1.6 g (835) / 2.2 g (837)
- 3.8g (Holder) / 1.6 g (835) / 2.2 g (837)
- 3.3g (824) / 1.6 g (835) / 2.2 g (837)

### Protection Category

- IP 40 (IEC 60529) PC2 (IEC 60127-6)

### 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

### Insulation Resistance

- > 10¹² MΩ (500 VDC, 1 min.)

### Solderability

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

### Soldering Heat Resist

- 260°C, 5 sec. (IEC 60068-2-20)

### Min. Cross Section

- Conductor - 2.5mm²

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### Agency Approval

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### Ordering Information

#### Holders

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<th>82000000005</th>
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#### Caps

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### Unit Weight

<table>
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<th>Item</th>
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<td>Bulk 100 Pcs all items listed above</td>
<td>4.0g (Holder) / 1.6g (835) / 2.2g (837)</td>
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