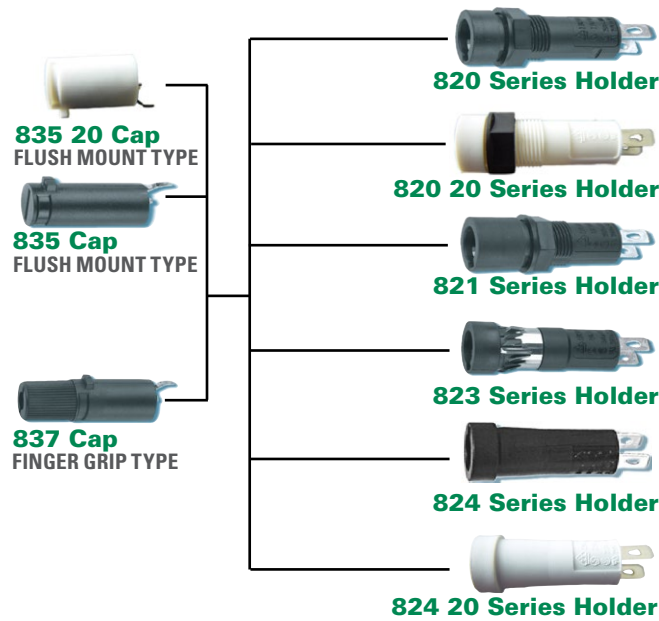
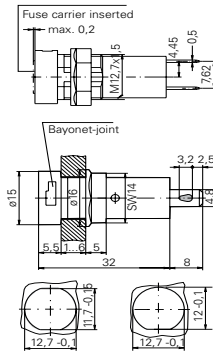


## 820/821/823/824 Series Panel Mount Enclosed Fuse Holders

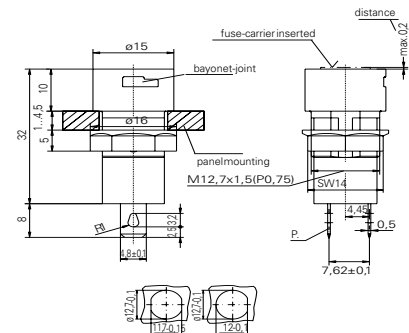


### Dimensions 820

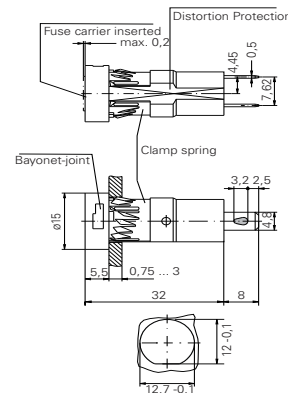
#### 820 Series



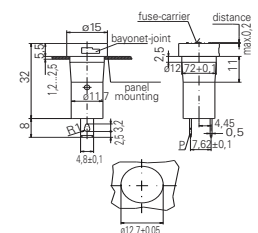
#### 821 Series



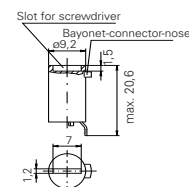
#### 823 Series



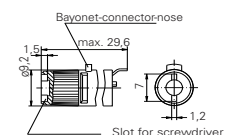
#### 824 Series



#### 835 Cap



#### 837 Cap



### Additional Information



**Datasheet**  
820 Series



**Resources**  
820 Series



**Samples**  
820 Series



**Datasheet**  
821 Series



**Resources**  
821 Series



**Samples**  
821 Series



**Datasheet**  
823 Series



**Resources**  
823 Series



**Samples**  
823 Series



**Datasheet**  
824 Series



**Resources**  
824 Series



**Samples**  
824 Series

### Product Characteristics

|                                                                                     | 820 Series                                                                                             | 820 20 Series                                                                                          | 821 Series                                                                                                   | 823 Series                                                                              | 824 Series                                          | 824 20 Series                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Compatible Fuses                                                                    | 5x20mm                                                                                                 | 5x20mm                                                                                                 | 5x20mm                                                                                                       | 5x20mm                                                                                  | 5x20mm                                              | 5x20mm                                              |
| Materials                                                                           | <b>Holder/Cap:</b><br>Black Thermoplastic UL 94 V-0                                                    | <b>Holder/Cap:</b><br>White Thermoplastic PBT, UL94 V-0<br><b>Nut:</b> Thermoplastics, black, UL94 V-0 | <b>Holder/Cap:</b><br>Thermoplastic black, UL94 V-0                                                          | <b>Holder/Cap:</b><br>Black Thermoplastic UL94 V-0                                      | <b>Holder/Cap:</b><br>Thermoplastic UL 94V-0, black | <b>Holder/Cap:</b><br>Thermoplastic UL94 V-0, white |
|                                                                                     | <b>Metal Parts:</b> Copper alloy, corrosion protected                                                  |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |
|                                                                                     |                                                                                                        |                                                                                                        |                                                                                                              | <b>Clamp Spring:</b><br>Spring steel, non-treated                                       |                                                     |                                                     |
|                                                                                     | <b>Terminals:</b><br>Solderable, tinned                                                                |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |
| Electrical Data (23°C)                                                              | <b>Rated Voltage:</b> 250V                                                                             |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |
|                                                                                     | <b>Rated Current:</b> 6.3A (VDE) 16A (UL/CSA)                                                          |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |
|                                                                                     | <b>Rated Power:</b><br>2.5 W (VDE)                                                                     | <b>Rated Power:</b><br>2.5 W (VDE)                                                                     | <b>Rated Power:</b><br>2.5 W (VDE)                                                                           | <b>Rated Power:</b><br>4 W (VDE)                                                        |                                                     | <b>Rated Power:</b><br>4 W                          |
| Mounting                                                                            | 12.7mm diameter D-hole or double D-hole<br>Admissible torque on plastic hex nut is 1.2Nm               |                                                                                                        | 12.7mm diameter D-hole or double D-hole (panel 1mm - 4.5mm)<br>Admissible torque on plastic hex nut is 1.2Nm | Pluggable with clamping spring into 12.7mm diameter D-hole (panel thickness 0.75mm-3mm) | Pluggable (panel thickness 1.2 mm-2.5 mm)           |                                                     |
| Terminals                                                                           | Solderable or 4.8mm quick connect-fits 0.5mm tab                                                       |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |
| 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                                                                    | +10°C to +60°C 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                                                                     | 4kV, 50Hz, 1min, dry                                                                                   |                                                                                                        | 4kV with 1,2µs/50µs                                                                                          |                                                                                         | 4kV, 50Hz, 1 min., dry                              |                                                     |
| Insulation Resistance                                                               | > 10³ MΩ (500 VDC, 1 min.)                                                                             |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |
| Solderability                                                                       | 235°C, 3 sec (Wave)<br>350°C, 1 sec. (Solder Iron)                                                     | 235°C, 2 sec. (Solder Bath) (IEC 60068-2-20)<br>350°C, 3 sec. (Solder Iron) (IEC 60068-2-20)           |                                                                                                              | 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                                                                                     |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |
| Marking                                                                             | 820, 250 V, Approvals                                                                                  |                                                                                                        | 821, 250V, Approvals                                                                                         | 823, 250V, Approvals                                                                    | 824, 250V, Approvals                                |                                                     |
| Unit Weight                                                                         | 4.0g (Holder) / 1.6g (835) / 2.2g (837)                                                                | 4.0 g (820) / 1.6 g (835)                                                                              | 4.0g (821) / 1.6g (835) / 2.2g (837)                                                                         | 3.8g (Holder) / 1.6g (835) / 2.2g (837)                                                 | 3.3g (824) / 1.6g (835) / 2.2g (837)                | 3.3g (824) / 1.6g (835) / 2.2g (837)                |
| Agency Approval                                                                     |                                                                                                        |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |
| Agency                                                                              | Agency File Number                                                                                     |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |
|  | 132225                                                                                                 | 125183                                                                                                 | 135536                                                                                                       | 122096                                                                                  | 122098                                              | -                                                   |
|  | E 70164                                                                                                | E70164                                                                                                 | E70164                                                                                                       | E 70164                                                                                 | E70164                                              | -                                                   |
|  | 47574                                                                                                  | 47574                                                                                                  | 47574                                                                                                        | 47574                                                                                   | 47574                                               | -                                                   |
| Ordering Information                                                                |                                                                                                        |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |
| Ordering Number: Holders                                                            | 82000000005                                                                                            | 82000000205                                                                                            | 82100000005                                                                                                  | 82300000005                                                                             | 82400000005                                         | 82400000205                                         |
| Ordering Number: Caps                                                               | Flush Mount Type: <b>83500000005 / 83500000205</b><br>Finger Grip Type <b>83700000005</b>              |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |
| Packaging                                                                           | Bulk 100 Pcs all items listed above                                                                    |                                                                                                        |                                                                                                              |                                                                                         |                                                     |                                                     |

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