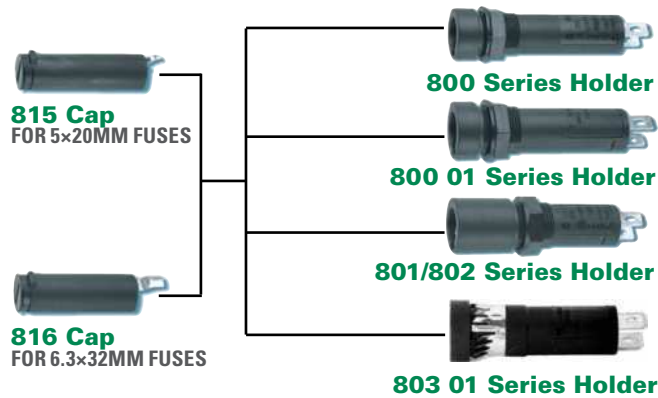














## 800/801/802/803 Series Panel Mount Enclosed Fuse Holders



| Agency Approval    |             |          |         |         |         |
|--------------------|-------------|----------|---------|---------|---------|
| Agency             | Part Number |          |         |         |         |
|                    |             | 800      | 800 01  | 801     | 802     |
| Agency File Number |             |          |         |         |         |
|                    | 122016*     | 123336** | N/A     | N/A     | 6914**  |
|                    | E70164*     | E70164*  | E70164* | E70164* | E70164* |
|                    | 47574*      | 47574**  | 47574*  | 47574*  | 47574** |

\* - Certification includes both 815 and 816 caps  
 \*\* - Certification includes 816 cap only

### Additional Information

|                                                                                                                        |                                                                                                                        |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <br><b>Datasheet<br/>800 Series</b> | <br><b>Resources<br/>800 Series</b> | <br><b>Samples<br/>800 Series</b> |
| <br><b>Datasheet<br/>801 Series</b> | <br><b>Resources<br/>801 Series</b> | <br><b>Samples<br/>801 Series</b> |
| <br><b>Datasheet<br/>802 Series</b> | <br><b>Resources<br/>802 Series</b> | <br><b>Samples<br/>802 Series</b> |
| <br><b>Datasheet<br/>803 Series</b> | <br><b>Resources<br/>803 Series</b> | <br><b>Samples<br/>803 Series</b> |

### Product Characteristics

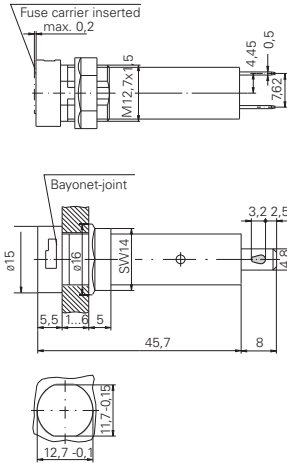
| Series:                            | 800                                                                                                     | 800 01                                                | 801/802                                                | 803 01                                                                            |
|------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Compatible Fuses</b>            | 5x20mm<br>6.3x32mm                                                                                      | 6.3x32mm                                              | 5x20mm<br>6.3x32mm                                     | 6.3x32mm                                                                          |
| <b>Materials</b>                   | <b>Holder/Cap:</b> Black Thermoplastic, UL94 V-0                                                        |                                                       |                                                        |                                                                                   |
|                                    | <b>Clamp spring:</b> non-corrosion metal, untreated                                                     |                                                       |                                                        |                                                                                   |
|                                    | <b>Metal Parts:</b> Copper alloy, corrosion protected                                                   |                                                       |                                                        |                                                                                   |
| <b>Electrical Data (23°C)</b>      | <b>Terminals:</b> Solderable, tinned                                                                    |                                                       |                                                        |                                                                                   |
|                                    | <b>Rated Voltage:</b> 250V                                                                              | <b>Rated Voltage:</b> 500V                            | <b>Rated Voltage:</b> 250V                             | <b>Rated Voltage:</b> 500V                                                        |
|                                    | <b>Rated Current:</b> 6.3A (800+815-VDE)<br>10A (800+816-VDE)<br>16A (UL/CSA)                           | <b>Rated Current:</b> 10A (800+816 - VDE)<br>16A (UL) | <b>Rated Current:</b> 16A (UL/CSA)                     | <b>Rated Current:</b> 10A (VDE)<br>16A (UL/CSA)                                   |
|                                    | <b>Rated Power:</b> 2.5W (VDE)                                                                          |                                                       |                                                        | <b>Rated Power:</b> 4W (VDE)                                                      |
| <b>Mounting</b>                    | 12.7mm diameter D-hole or double D-hole<br>Admissible torque on plastic hex nut is 1.2Nm                |                                                       |                                                        | Pluggable with clamping spring in 12.7mm diameter D-hole (panel of 0.75mm - 3 mm) |
| <b>Terminals</b>                   | Solderable or 4.8mm quick connect-fits 0.5mm tab                                                        |                                                       |                                                        |                                                                                   |
| <b>Electronic Shock Protection</b> | PC2 (IEC 60127-6)                                                                                       |                                                       |                                                        |                                                                                   |
| <b>Ingress Protection</b>          | IP 40 (IEC 60529)                                                                                       |                                                       |                                                        |                                                                                   |
| <b>Operating Temperature</b>       | -25°C to +70°C                                                                                          |                                                       |                                                        |                                                                                   |
| <b>Climatic Test</b>               | -25°C/+70°C/21 days (IEC 60068-2-1...3)                                                                 |                                                       |                                                        |                                                                                   |
| <b>Stock Conditions</b>            | +10°C to +60°C relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%     |                                                       |                                                        |                                                                                   |
| <b>Vibration Resistance</b>        | 24 cycles at 15 min. each (IEC 60068-2-6) 10 - 60Hz at 0.75mm amplitude 60 - 2000Hz at 10g acceleration |                                                       |                                                        | NA                                                                                |
| <b>Contact Resistance</b>          | ≤ 5mΩ                                                                                                   |                                                       |                                                        |                                                                                   |
| <b>Dielectric Strength</b>         | > 1.5 kV                                                                                                |                                                       |                                                        |                                                                                   |
| <b>Impulse Voltage</b>             | 4 kV, 50 Hz, 1 min., dry                                                                                |                                                       |                                                        |                                                                                   |
| <b>Insulation Resistance</b>       | > 10 <sup>9</sup> MΩ (500 VDC, 1 min.)                                                                  |                                                       |                                                        |                                                                                   |
| <b>Solderability</b>               | 235°C, 3 sec. (Wave)<br>350°C, 1 sec. (Soldering Iron)                                                  |                                                       | 235°C, 2 sec. (Wave)<br>350°C, 1 sec. (Soldering Iron) | 235°C, 2 sec. (Wave)<br>350°C, 3 sec. (Soldering Iron)                            |
|                                    | <b>Solder Heat Resistance</b> 260°C, 5 sec. (IEC 60068-2-20)                                            |                                                       |                                                        |                                                                                   |
| <b>Min. Cross Section</b>          | Conductor - 2.5mm <sup>2</sup>                                                                          |                                                       |                                                        |                                                                                   |
| <b>Marking</b>                     | 800, 250V, Approvals                                                                                    | 800 01, 500V, Approvals                               | Series, 250V, Approvals                                | 803, 500V, Approvals                                                              |
| <b>Unit Weight</b>                 | 4.7g (Holder)<br>2.5g (Cap)                                                                             |                                                       | 5.0g (801/802)<br>2.5g (815/816)                       | 4.9g (803)<br>2.0g (816)                                                          |

### Ordering Information

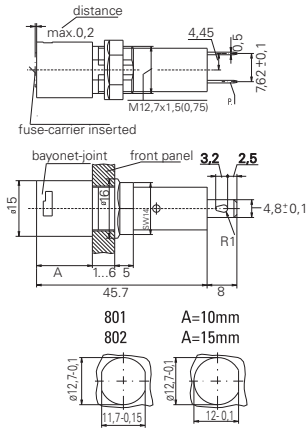
|                  |                                                                             |             |                            |             |
|------------------|-----------------------------------------------------------------------------|-------------|----------------------------|-------------|
| <b>Holders</b>   | 80000000005                                                                 | 80000000105 | 80100000005<br>80200000005 | 80300000105 |
| <b>Caps</b>      | For 5x20mm fuse: <b>81500000005</b><br>For 6.3x32mm fuse <b>81600000005</b> |             |                            |             |
| <b>Packaging</b> | Bulk 100 Pcs all items listed above                                         |             |                            |             |

**Dimensions (millimeters)**

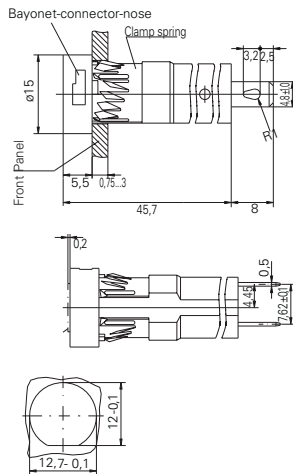
**800/800 01 Series**



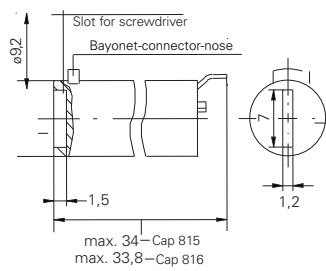
**801/802 Series**



**803 01 Series**



**815/816 Cap**



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