**Fuseholders**

**www.schurter.com/PG02**

Shock-Safe Fuseholder, 5 x 20 mm, Slotted Cap/Fingergrip, IP 40 / IP 67, IEC 60335-1

![Fuseholders Image](image)

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### Technical Data

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Shock-Safe Category</strong></td>
<td>PC2</td>
</tr>
<tr>
<td><strong>Fuse-Link</strong></td>
<td>5 x 20 mm</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>Panel Mount, Front Side</td>
</tr>
<tr>
<td><strong>Mounting Fixing Nut</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Terminal</strong></td>
<td>Solder or Quick-Connect 4.8 x 0.5 mm</td>
</tr>
<tr>
<td><strong>Rated Voltage</strong></td>
<td>250 VAC (VDE), 400VAC (UL/CSA)</td>
</tr>
<tr>
<td><strong>Rated current</strong></td>
<td>6.3/10A (VDE), 16A (UL/CSA)</td>
</tr>
<tr>
<td><strong>Rated Power Acceptance IEC</strong></td>
<td>2.5W / 10A @ Ta 23°C</td>
</tr>
<tr>
<td><strong>Degree of Protection</strong></td>
<td>IP 40 / IP 67</td>
</tr>
<tr>
<td><strong>Protection Class</strong></td>
<td>Suitable for appliances with protection class I acc. to IEC 61140</td>
</tr>
<tr>
<td><strong>Admissible Ambient Air Temp.</strong></td>
<td>-40°C to 85°C</td>
</tr>
<tr>
<td><strong>Climatic Category</strong></td>
<td>40/085/21 acc. to IEC 60668-1</td>
</tr>
<tr>
<td><strong>Material: Socket</strong></td>
<td>Thermoplastic, black, UL 94V-0</td>
</tr>
<tr>
<td><strong>Material: Terminals</strong></td>
<td>Tin-Plated Copper Alloy</td>
</tr>
<tr>
<td><strong>Unit Weight</strong></td>
<td>5.7 g</td>
</tr>
<tr>
<td><strong>Storage Conditions</strong></td>
<td>0°C to 60°C, max. 70% r.h.</td>
</tr>
<tr>
<td><strong>Product Marking</strong></td>
<td>Type, Rated voltage, Rated current, Power Rating, Approvals</td>
</tr>
</tbody>
</table>

### Applications

- Industrial electronic
- Household appliances
- Medical equipment

### Weblinks

- pdf-datasheet
- html-datasheet
- General Product Information
- Approvals
- CE declaration of conformity
- RoHS, CHINA-RoHS
- REACH, e-Shop
- SCHURTER-Stock-Check, Distributor-Stock-Check
- Detailed request for product

### Standards

- IEC 60127-6
- UL 4248-1
- CSA 22.2 no. 4248-1

### Approvals

- Approval Reference Type: FPG1
- VDE Certificate Number: 127216
- UL File Number: E39328

### Soldering Methods

- Iron

### Solderability

- 350°C / 3 sec acc. to IEC 60068-2-20, Test Ta, method 2

### Resistance to Soldering Heat

- 350°C / 10 sec acc. to IEC 60068-2-20, Test Tb, method 2

### Contact Resistance

- ≤ 10mΩ at 20 mV acc. to IEC 60127-6

### Dielectric Strength

- > 3kV between Life parts (50Hz; 1 min)

### Impulse Withstand Voltage

- > 4kV between Life parts

### Insulation Resistance

- ≥ 10MΩ between Life parts (500 VDC; 1 min)

### Overvoltage Category

- I - III acc. to IEC 60664-1

### Pollution Degree

- 3 acc. to IEC 60664-1

### Resistance to Vibration

- acc. to IEC 60668-2-6, test Fc

### Admissible Torque on Fixing Nut

- max 1.2Nm

### Panel Thickness s

- max 6mm
**Dimension**

- **Fuseholders FPG1**
- www.schurter.com/PG02

**IP40 / Variants 3101.0010 and 3101.0210**

- SW14
- M12.7x1.5
- ø 15
- ø 16.1
- ø 11.1
- 1.8
- 6
- 7
- 26.5
- 8
- 41.5

**IP40 / Variants Fingergrrip 3101.0015 and 3101.0215**

- SW14
- M12.7x1.5
- ø 15
- ø 16.1
- ø 11.1
- 1.8
- 6
- 7
- 26.5
- 8
- 41.5

**IP67 / Variants 3101.0110 and 3101.0310**

- SW14
- M12.7x1.5
- ø 15
- ø 16.1
- ø 11.1
- 1.8
- 6
- 7
- 25.9
- 8
- 41.5

**IP67 / Variants Fingergrrip 3101.0115 and 3101.0315**

- SW14
- M12.7x1.5
- ø 15
- ø 16.1
- ø 11.1
- 1.8
- 6
- 7
- 25.9
- 8
- 41.5

**Mounting Holes**

**Derating Curves**

<table>
<thead>
<tr>
<th>Ambient air temperature $T_a$ °C</th>
<th>Admissible power acceptance in Watt</th>
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<tr>
<td>0</td>
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<tr>
<td>20</td>
<td>2.0</td>
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<tr>
<td>40</td>
<td>1.5</td>
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<tr>
<td>60</td>
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<td>80</td>
<td>0.5</td>
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<td>100</td>
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- $I = 1.0 I_n$
- $I = 0.7 I_n$
- $I = \frac{I}{I_n}$
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### All Variants

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<tr>
<th>Holder</th>
<th>Cap</th>
<th>Terminal</th>
<th>Degree of Protection</th>
<th>Material</th>
<th>Remark</th>
<th>Order Number</th>
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<tr>
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<td>Solder</td>
<td>IP 40</td>
<td>Thermoplastic</td>
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#### Most Popular.


Spec. thermoplastic meets the new requirements of IEC 60335-1 for appliances in unattended use (clause 30.2.3). This standard includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.

White and grey colours available on request

### Packaging Unit

Bulk 186 x 91 x 91 mm (100 pcs.)