

Shock-Safe Fuseholder, 5 x 20 mm, Slot/Fingergrip, IP40/IP67

IP40/IP67  
THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS

Fingergrip

250 VAC · 2.5 W/10 A (VDE) · 400 VAC · 16 A (UL/CSA)

**Description**

- Meets the new requirements of IEC 60335-1 Ed. 4.0 for appliances in unattended use (clause 30.2.3). This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13. Order numbers: xxxx.xxxx.15

**Standards**

- IEC 60127-6  
- UL 4248-1 / UL 512  
- CSA C22.2 no. 39

**Approvals**

- VDE Certificate Number: 127216  
- UL File Number: E39328  
- CSA File Number: 38456


**Applications**

- Industrial electronic  
- Household appliances  
- Medical equipments

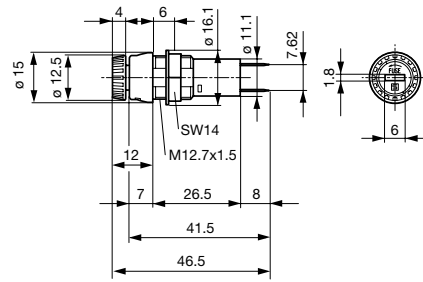
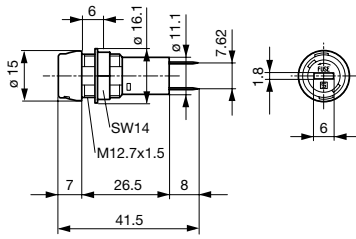
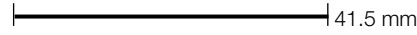
**Weblinks**

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

**Technical Data**

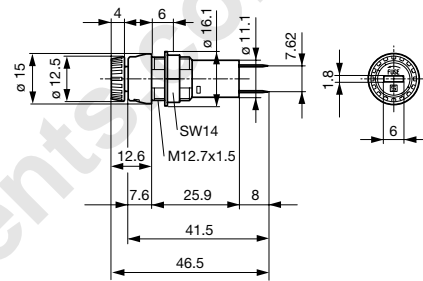
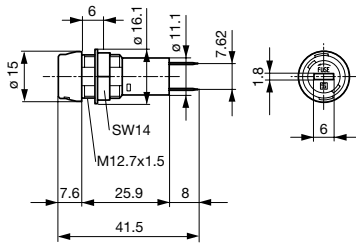
|                              |   |                                 |  |
|------------------------------|---|---------------------------------|--|
| Shocksafe Category           | PC2   | Soldering Methods               | Iron   |
| Fuse-Link                    | 5 x 20 mm   | Solderability                   | 350 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 2       |
| Mounting                     | Panel Mount, Front-Side   | Resistance to Soldering Heat    | 350 °C / 10 sec acc. to IEC 60068-2-20, Test Tb, method 2      |
| Mounting                     | Fixing Nut  | Contact Resistance              | < 5 mΩ at 20 mV  |
| Terminal                     | Solder or Quick-Connect 4.8 x 0.5 mm  | Dielectric Strength             | > 3kV<br>> 4kV between L/N-PE (50Hz; 1 min)                    |
| Rated Voltage                | 250VAC (VDE), 400VAC (UL/CSA)   | Impulse Withstand Voltage       | > 2.5kV between L-N<br>> 6kV between L/N-PE                    |
| Rated Current                | 10A (VDE), 16A (UL/CSA)   | Insulation Resistance           | > 10 MΩ between L-N<br>> 100 MΩ between L/N-PE (500VDC; 1 min) |
| Rated Power Acceptance IEC   | 2.5 W / 10 A @ Ta 23 °C<br>Admissible power acceptance at higher ambient temperature see derating curves  | Overvoltage Category            | I - II acc. to IEC 60664-1                                     |
| Degree of Protection         | IP 40 / IP 67   | Pollution Degree                | 1 - 3 acc. to IEC 60664-1                                      |
| Protection Class             | Suitable for appliances with protection class I or II acc. to IEC 61140   | Resistance to Vibration         | acc. to IEC 60068-2-6, test Fc                                 |
| Admissible Ambient Air Temp. | -40 °C to 85 °C   | Admissible Torque on Fixing Nut | max 1.2 Nm   |
| Climatic Category            | 40/085/21 acc. to IEC 60068-1   | Panel Thickness s               | max 6 mm   |
| Material: Socket             | Thermoplastic, black, UL 94V-0  |                                 |  |
| Material: Terminals          | Tin-Plated Copper Alloy   |                                 |  |
| Unit Weight (Socket/Cap)     | 5.7 g   |                                 |  |
| Storage Conditions           | 0 °C to 60 °C, max. 70% r.h.  |                                 |  |
| Product Marking              |  Type, Dielectric strength, Power Acc./Current Rating, Approvals |                                 |  |

Dimensions



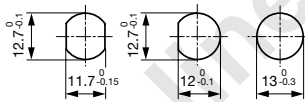
Variants 3101.0010 and 3101.0210

Variants Fingerrip 3101.0015 and 3101.0215



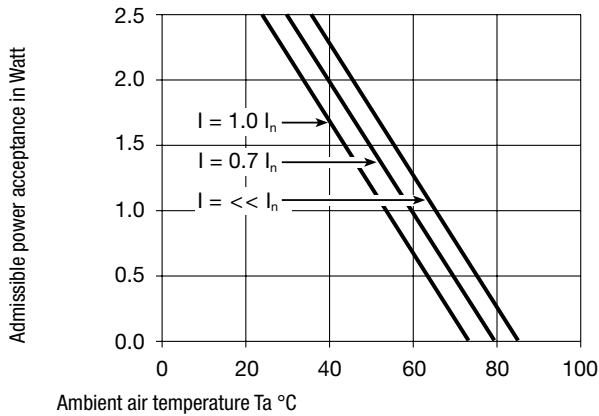
Variants 3101.0110 and 3101.0310

Variants Fingerrip 3101.0115 and 3101.0315



Mounting Holes

## Derating Curves



## Variants

| Holder | Cap        | Terminal                   | Degree of Protection | Material              | Remark | Order Number |
|--------|------------|----------------------------|----------------------|-----------------------|--------|--------------|
| ●      | Slot Knob  | Solder                     | IP 40                | Thermoplastic         | -      | 3101.0010    |
| ●      | Slot Knob  | Solder                     | IP 40                | Spec. Thermoplastic 1 | -      | 3101.0010.15 |
| ●      | Slot Knob  | Quick-Connect 4.8 x 0.5 mm | IP 40                | Thermoplastic         | -      | 3101.0210    |
| ●      | Slot Knob  | Quick-Connect 4.8 x 0.5 mm | IP 40                | Spec. Thermoplastic 1 | -      | 3101.0210.15 |
| ●      | Fingergrip | Solder                     | IP 40                | Thermoplastic         | -      | 3101.0015    |
| ●      | Fingergrip | Solder                     | IP 40                | Spec. Thermoplastic 1 | -      | 3101.0015.15 |
| ●      | Fingergrip | Quick-Connect 4.8 x 0.5 mm | IP 40                | Thermoplastic         | -      | 3101.0215    |
| ●      | Fingergrip | Quick-Connect 4.8 x 0.5 mm | IP 40                | Spec. Thermoplastic 1 | -      | 3101.0215.15 |
| ●      | Slot Knob  | Solder                     | IP 67                | Thermoplastic         | -      | 3101.0110    |
| ●      | Slot Knob  | Solder                     | IP 67                | Spec. Thermoplastic 1 | -      | 3101.0110.15 |
| ●      | Slot Knob  | Quick-Connect 4.8 x 0.5 mm | IP 67                | Thermoplastic         | -      | 3101.0310    |
| ●      | Slot Knob  | Quick-Connect 4.8 x 0.5 mm | IP 67                | Spec. Thermoplastic 1 | -      | 3101.0310.15 |
| ●      | Fingergrip | Solder                     | IP 67                | Thermoplastic         | -      | 3101.0115    |
| ●      | Fingergrip | Solder                     | IP 67                | Spec. Thermoplastic 1 | -      | 3101.0115.15 |
| ●      | Fingergrip | Quick-Connect 4.8 x 0.5 mm | IP 67                | Thermoplastic         | -      | 3101.0315    |
| ●      | Fingergrip | Quick-Connect 4.8 x 0.5 mm | IP 67                | Spec. Thermoplastic 1 | -      | 3101.0315.15 |

Spec. thermoplastic meets the new requirements of IEC 60335-1 Ed. 4.0 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.)