

Shock-Safe Fuseholder, 5 x 20 mm, Slot/Fingergrip, horizontal, IEC 60335-1



Fingergrip

250 VAC · 2.5 W/10 A (VDE) 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 60695-2-11 to -13. Order numbers: xxxx.xxxx.15
- Horizontal style

**Standards**

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

**Approvals**

- VDE License Number: 129098
- UL File Number: E39328

**Applications**

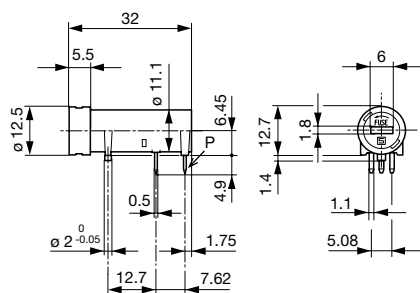
- Industrial electronic
- Household appliances
- Medical equipments

**References**
[General Product Information](#)
**Weblinks**
[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [Distributor-Stock-Check](#), [Accessories](#), [Product Change Notification \(PCN\)](#)
**Technical Data**

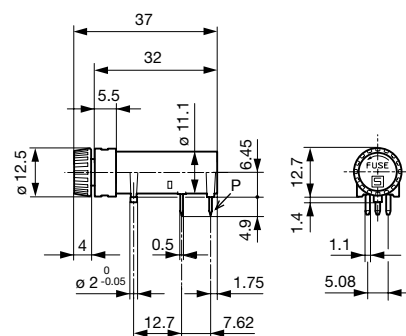
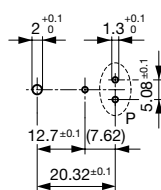
|                              |                                                                                                          |
|------------------------------|----------------------------------------------------------------------------------------------------------|
| Shocksafe Category           | PC2                                                                                                      |
| Fuse-Link                    | 5 x 20 mm                                                                                                |
| Mounting                     | PCB                                                                                                      |
| Terminal                     | Solder THT                                                                                               |
| Rated Voltage                | 250 VAC                                                                                                  |
| Rated Current                | 10 A (VDE), 16 A (UL/CSA)                                                                                |
| Rated Power Acceptance IEC   | 2.5 W / 10 A @ Ta 23 °C<br>Admissible power acceptance at higher ambient temperature see derating curves |
| Degree of Protection         | IP 40                                                                                                    |
| Protection Class             | Suitable for appliances with protection class 1 or 2 acc. to IEC 61140                                   |
| Admissible Ambient Air Temp. | -40 °C to 85 °C                                                                                          |
| Climatic Category            | 40/085/21 acc. to IEC 60068-1                                                                            |
| Material: Socket             | Thermoplastic, black, UL 94V-0                                                                           |
| Material: Terminals          | Tin-Plated Copper Alloy                                                                                  |
| Unit Weight (Socket/Cap)     | 4.31 g                                                                                                   |
| Storage Conditions           | 0 °C to 60 °C, max. 70% r.h.                                                                             |
| Product Marking              | Type, Voltage, Power Acc./Current Rating, Approvals                                                      |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Soldering Methods            | Wave                                                       |
| Solderability                | 235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1   |
| Resistance to Soldering Heat | 260 °C / 10 sec acc. to IEC 60068-2-20, Test Tb, method 1A |
| Contact Resistance           | < 5 mΩ at 20 mV                                            |
| Dielectric Strength          | > 3 kV between L-N (50 Hz; 1 min)                          |
| Impulse Withstand Voltage    | > 2.5 kV between L-N                                       |
| Insulation Resistance        | > 10 MΩ between L-N (500 VDC; 1 min)                       |
| Overvoltage Category         | I - II acc. to IEC 60664-1                                 |
| Pollution Degree             | 1 - 3 acc. to IEC 60664-1                                  |
| Resistance to Vibration      | acc. to IEC 60068-2-6, test Fc                             |

## Abmessungen

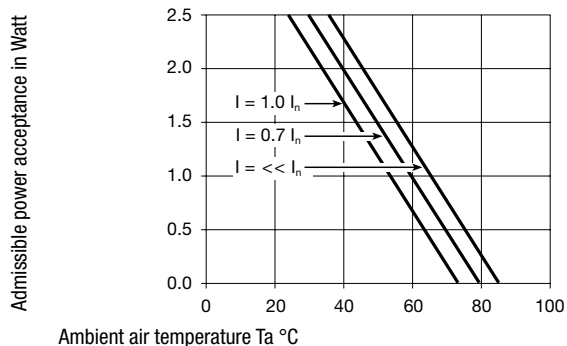
 32 mm


Variant 3101.0050

Connector, tinned  
Variant Fingergrasp 3101.0055

## Drilling diagram

## Derating Curves for Fuseholders



## Variants

| Holder | Cap         | Terminal | Material              | Remark            | Order Number |
|--------|-------------|----------|-----------------------|-------------------|--------------|
| ●      | Slot Knob   | Straight | Thermoplastic         | -                 | 3101.0050    |
| ●      | Slot Knob   | Straight | Spec. Thermoplastic 1 | Approvals pending | 3101.0050.15 |
| ●      | Fingergrasp | Straight | Thermoplastic         | -                 | 3101.0055    |
| ●      | Fingergrasp | Straight | Spec. Thermoplastic 1 | Approvals pending | 3101.0055.15 |

Spec. thermoplastic meet 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 60695-2-11 to -13.

White and grey colours available on request

**Packaging Unit** Bulk 186 x 91 x 91 mm (100 pcs.)