

Shock-Safe Fuseholder, 5 x 20 / 6.3 x 32 mm, Slot, vertical



250 VAC · 3.2 W / 10 A (VDE) 16 A (UL/CSA)

**Description**

- Kicked or straight PCB-terminals
- Vertical style

**Standards**

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

**Approvals**

- VDE License Number: 6945
- UL File Number: E39328

**References**

[General Product Information](#)

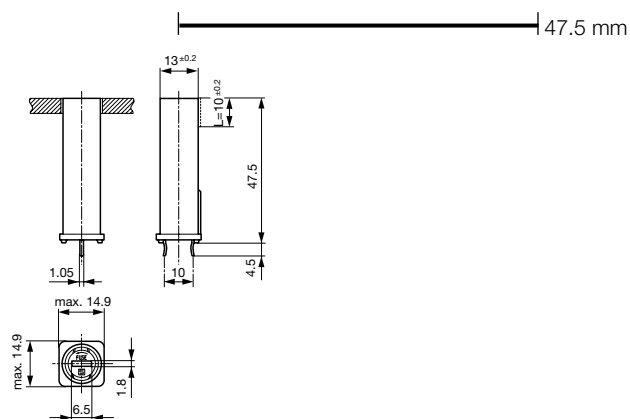
**Weblinks**

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [Distributor-Stock-Check](#), [Accessories](#), [Product Change Notification \(PCN\)](#)

**Technical Data**

|                              |                                                                                    |
|------------------------------|------------------------------------------------------------------------------------|
| Shocksafe Category           | PC2                                                                                |
| Fuse-Link                    | 5 x 20 or 6.3 x 32 mm                                                              |
| Mounting                     | PCB                                                                                |
| Terminal                     | Solder THT                                                                         |
| Rated Voltage                | 250 VAC                                                                            |
| Rated Current                | 10 A (VDE), 16 A (UL/CSA)                                                          |
| Rated Power Acceptance IEC   | 3.2 W / 10 A @ Ta 23 °C<br>2.5 W / 10 A for 5x20 mm fuse-link, 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)     | 6.5 g / 2.3 g                                                                      |
| Storage Conditions           | 0 °C to 60 °C, max. 70% r.h.                                                       |
| Product Marking              | Type, Voltage, Current, 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    | > 4 kV between L-N                                         |
| Insulation Resistance        | > 10 MΩ between L-N (500 VDC; 1 min)                       |
| Overvoltage Category         | I - III acc. to IEC 60664-1                                |
| Pollution Degree             | 1 - 3 acc. to IEC 60664-1                                  |

**Abmessungen**

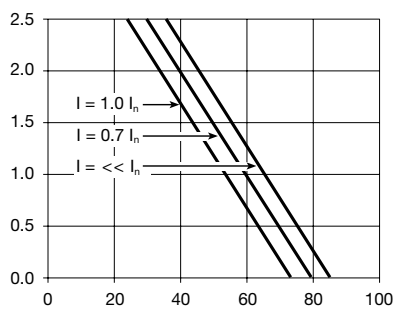
Variant 0031.3803 and 0031.3804

Drilling diagram

## Derating Curves for Fuseholders

5x20 mm

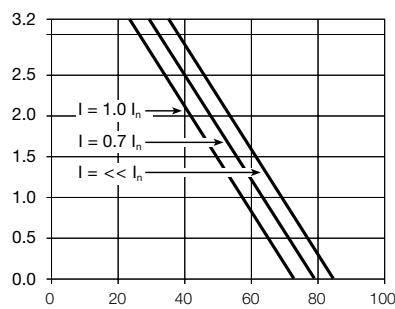
Admissible Power Acceptance in Watt



Ambient Air Temperature Ta °C

6.3x32 mm

Admissible Power Acceptance in Watt



Ambient air temperature Ta °C

## Variants

| Holder | Cap        | Fuse-Link            | Terminal | Degree of Protection | Colour Cap | Remark                | Order Number |
|--------|------------|----------------------|----------|----------------------|------------|-----------------------|--------------|
| ●      | -          | 5 x 20 or 6.3 x 32mm | Straight | IP 40                | -          | -                     | 0031.3803    |
| ●      | -          | 5 x 20 or 6.3 x 32mm | Kicked   | IP 40                | -          | -                     | 0031.3804    |
| ●      | Slot Knob  | 6.3 x 32mm           | Kicked   | IP 40                | Grey       | 0031.3804 + 0031.1666 | 0031.3822    |
| ●      | Fingergrip | 6.3 x 32mm           | Kicked   | IP 40                | -          | 0031.3804 + 0031.1667 | 0031.3823    |
|        | Slot Knob  | 6.3 x 32mm           | -        | IP 40                | -          | -                     | 0031.1661    |
|        | Slot Knob  | 5 x 20mm             | -        | IP 40                | -          | -                     | 0031.1663    |
|        | Slot Knob  | 6.3 x 32mm           | -        | IP 40                | Grey       | -                     | 0031.1666    |

## Packaging Unit

Bulk (100 pcs.)

## Required Accessory

## Description



Fingergrip FEU, FAU, FAC

Caps Fingergrip for Holder FEU, FAU, FAC



Fingergrip, 6.3 x 32 mm, IP 40

0031.1667



Fingergrip, 5 x 20 mm, IP 40

0031.1741



Caps to FEU, FAU, FAC

Caps to Holder FEU, FEU (Med), FAU, FAC



Slot Knob, 6.3 x 32 mm, IP 40

0031.1661



Slot Knob, 5 x 20 mm, IP 40

0031.1663



Slot Knob, 6.3 x 32 mm, Grey, IP 40

0031.1666