

Shock-Safe Fuseholder, 5 x 20 / 6.3 x 32 mm, Slotted Cap/Fingergrip, vertical



Socket with Slotted Cap  
**Caps must be ordered separately (see accessories)**



Socket with Fingergrip Cap

250 VAC · 3.2 W/10 A (VDE) · 400 VAC · 16 A (UL/CSA)



### Description

- Kinked or straight PCB-terminals
- Vertical style

### Standards

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

### Approvals

- VDE Certificate Number: 6945
- UL File Number: E39328
- CSA File Number: 38456

### Weblinks

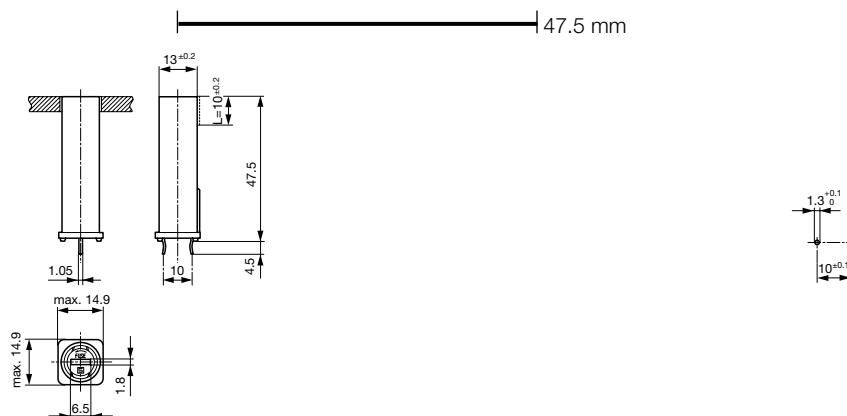
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

### Technical Data

|                              |                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Shock-Safe Category          | PC2                                                                                                                               |
| Fuse-Link                    | 5 x 20 or 6.3 x 32 mm                                                                                                             |
| Mounting                     | PCB                                                                                                                               |
| Terminal                     | Solder THT                                                                                                                        |
| Rated Voltage                | 250VAC (VDE, CSA), 400VAC (UL)                                                                                                    |
| Rated current                | 10A (VDE), 16A (UL/CSA)                                                                                                           |
| Rated Power Acceptance IEC   | 3.2W / 10A @ 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 I or II 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                  | 6.5 g / 2.3 g                                                                                                                     |
| Storage Conditions           | 0°C to 60°C, max. 70% r.h.                                                                                                        |
| Product Marking              |  Type, Rated voltage, Rated 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 / 10sec acc. to IEC 60068-2-20, Test Tb, method 1A |
| Contact Resistance           | < 5mΩ at 20 mV                                           |
| Dielectric Strength          | > 3kV<br>(50Hz; 1 min)                                   |
| Impulse Withstand Voltage    | > 4kV between L-N                                        |
| Insulation Resistance        | > 10MΩ between L-N<br>(500VDC; 1 min)                    |
| Overvoltage Category         | I - III acc. to IEC 60664-1                              |
| Pollution Degree             | 1 - 3 acc. to IEC 60664-1                                |

### Dimension

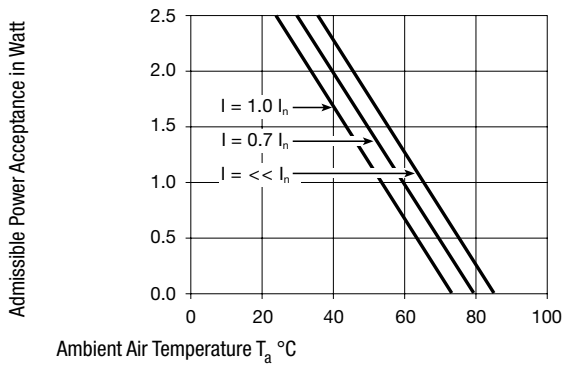


Variant 0031.3803 and 0031.3804

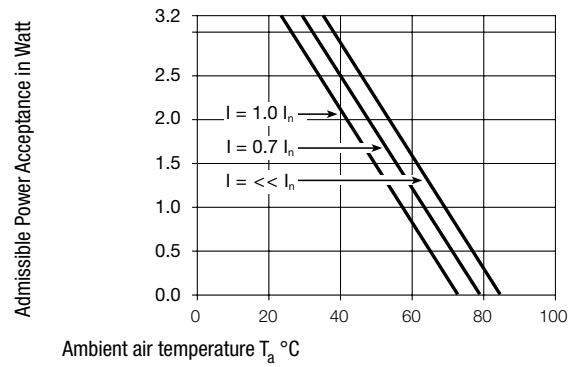
Drilling diagram

## Derating Curves

5x20 mm



6.3x32 mm



## All Variants

| Holder | Cap | Fuse-Link            | Terminal | Degree of Protection | Colour Cap | Remark | Comment | 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    |

Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

## 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

slotted, 6.3 x 32 mm, black, IP 40

0031.1661

slotted, 5 x 20 mm, black, IP 40

0031.1663

slotted, 6.3 x 32 mm, grey, IP 40

0031.1666