

Shock-Safe Fuseholder, 5 x 20 / 6.3 x 32 mm, Slot Knob/Fingergrip, IEC: 500 VAC, UL/CSA: 600 VAC/DC



500 VAC · 4 W / 10 A (VDE) · 600 VAC/DC · 20 A (UL/CSA)

**Description**

- Fuseholder for 500 VAC applications
- Cap is available slotted or fingergrip

**Standards**

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

**Approvals**

- VDE Certificate Number: 137910
- UL File Number: E39328

**Applications**

- Equipment with three-phase supply (400 VAC)
- Industrial electronic

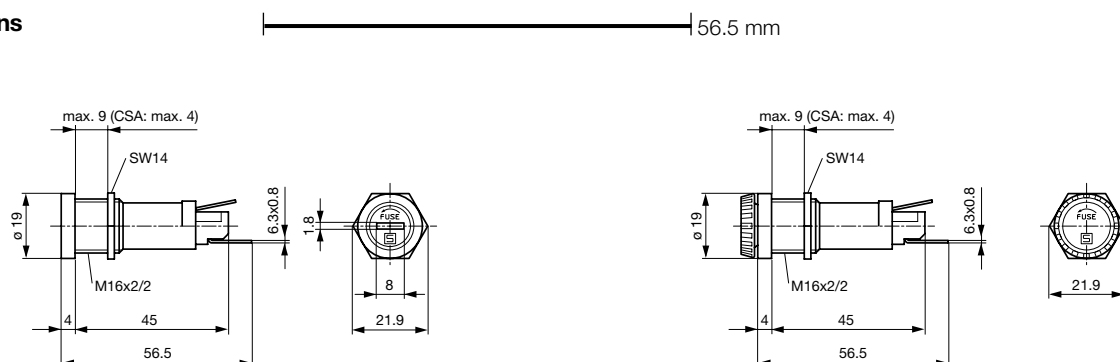
**Weblinks**

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

**Technical Data**

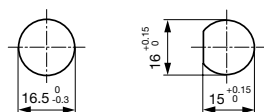
|                              |                                                                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Shock-Safe Category          | PC2                                                                                                                                                 |
| Fuse-Link                    | 5 x 20 or 6.3 x 32 mm                                                                                                                               |
| Mounting                     | Panel Mount, Front Side                                                                                                                             |
| Mounting                     | Fixing Nut                                                                                                                                          |
| Terminal                     | Solder or Quick-Connect 6.3 x 0.8 mm                                                                                                                |
| Rated Voltage                | 500 VAC (VDE), 600 VAC/DC (UL/CSA)                                                                                                                  |
| Rated current                | 10 A (VDE), 20 A (UL/CSA)                                                                                                                           |
| Rated Power Acceptance IEC   | 4 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 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             | Thermoset, black, UL 94V-0                                                                                                                          |
| Material: Terminals          | Tin-Plated Copper Alloy                                                                                                                             |
| Unit Weight (Socket/Cap)     | 9 g / 5.36 g                                                                                                                                        |
| Storage Conditions           | 0 °C to 60 °C, max. 70% r.h.                                                                                                                        |
| Product Marking              |  Type, Dielectric strength, Power Acc./Current Rating, Approvals |

|                                 |                                                                 |
|---------------------------------|-----------------------------------------------------------------|
| Soldering Methods               | Iron                                                            |
| Solderability                   | 350 °C / 2 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              | < 5 mΩ at 20 mV                                                 |
| Dielectric Strength             | > 3 kV<br>> 4 kV between L/N-PE (50 Hz; 1 min)                  |
| Impulse Withstand Voltage       | > 4 kV between L-N<br>> 6 kV between L/N-PE                     |
| Insulation Resistance           | > 10 MΩ between L-N<br>> 100 MΩ between L/N-PE (500 VDC; 1 min) |
| Overvoltage Category            | I - III acc. to IEC 60664-1                                     |
| Pollution Degree                | 2 acc. to IEC 60664-1                                           |
| Admissible Torque on Fixing Nut | max 1.2 Nm                                                      |
| Panel Thickness s               | max 9 mm                                                        |

**Dimensions**

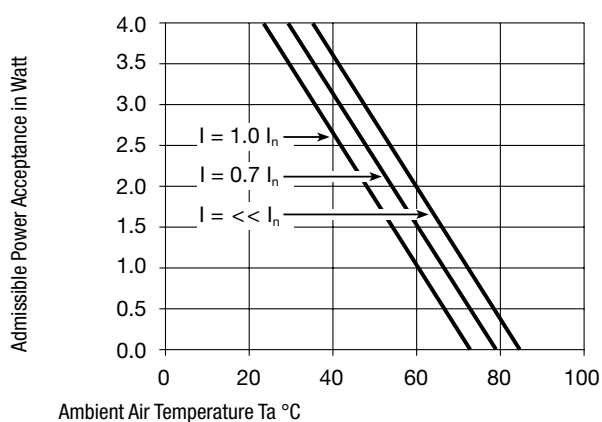
Variant with slot knob 0031.1631 + 0031.1611/1613

Variant Fingergrip 0031.1631 + 0031.1616



Mounting holes

### Derating Curves



### Variants

| Holder | Cap        | Fuse-Link            | Terminal                   | Degree of Protection | Remark                | Order Number |
|--------|------------|----------------------|----------------------------|----------------------|-----------------------|--------------|
| ●      | -          | 5 x 20 or 6.3 x 32mm | Solder                     | IP 40                | -                     | 0031.1631    |
| ●      | -          | 5 x 20 or 6.3 x 32mm | Quick-Connect 6.3 x 0.8 mm | IP 40                | -                     | 0031.1623    |
| ●      | Slot Knob  | 6.3 x 32mm           | Quick-Connect 6.3 x 0.8 mm | IP 40                | 0031.1623 + 0031.1613 | 0031.1622    |
| ●      | Fingergrip | 6.3 x 32mm           | Quick-Connect 6.3 x 0.8 mm | IP 40                | 0031.1623 + 0031.1616 | 0031.1624    |
| ●      | Slot Knob  | 5 x 20mm             | Quick-Connect 6.3 x 0.8 mm | IP 40                | 0031.1623 + 0031.1611 | 0031.1621    |
| ●      | Slot Knob  | 5 x 20mm             | Solder                     | IP 40                | 0031.1631 + 0031.1611 | 0031.1632    |
| ●      | Slot Knob  | 6.3 x 32mm           | Solder                     | IP 40                | 0031.1631 + 0031.1613 | 0031.1633    |
| ●      | Fingergrip | 6.3 x 32mm           | Solder                     | IP 40                | 0031.1631 + 0031.1616 | 0031.1634    |

**Packaging Unit** Bulk (50 pcs.)

### Required Accessory

#### Description



Caps to FEC  
Caps to Holder FEC

|                                |           |
|--------------------------------|-----------|
| Slot Knob, 5 x 20 mm, IP 40    | 0031.1611 |
| Slot Knob, 6.3 x 32 mm, IP 40  | 0031.1613 |
| Fingergrip, 6.3 x 32 mm, IP 40 | 0031.1616 |