



THE DATASHEET OF
0031.3901



Shock-Safe Fuseholder, 5 x 20 mm, Slotted Cap/Fingerrip, PC3, medical



Closed fuseholder 5 x 20 mm
 slotted
 black



Closed fuseholder 5 x 20 mm
 fingerrip
 black



Closed fuseholder 5 x 20 mm
 slotted
 open
 captive fuse carrier

250 VAC · 1.6W/6.3A (VDE)10A (UL/CSA)

See below:
[Approvals and Compliances](#)

Description

- Shocksafe category PC3
- Captive Fuse-Carrier, Slotted or Fingerrip

Applications


- Medical Equipment

References

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Distributor-Stock-Check](#), [Detailed request for product](#), [Microsite](#)

Technical Data

| | |
|----------------------------|--|
| Shock-Safe Category | PC3 |
| Fuse-Link | 5 x 20mm |
| Mounting | Panel mount, Front Side |
| Attachment | Fixing Nut |
| Terminal | Solder / Quick-Connect 4.8 x 0.5 mm |
| Rated Voltage | 250VAC |
| Rated current | 6.3A (VDE), 10A (UL/CSA) |
| Rated Power Acceptance IEC | 1.6W / 6.3A @ Ta 23°C Admissible power acceptance at higher ambient temperature see derating curves |
| Degree of Protection | IP40 |
| Protection Class | Suitable for appliances with protection class I acc. to IEC 61140 |
| Admissible Ambient 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 | Copper alloy, tin-plated |
| Storage Conditions | 0°C to 60°C, max. 70% r.h. |
| Product Marking |  Type, Rated Voltage, Certification marks |

| | |
|---------------------------------|---|
| Soldering Methods | Iron Soldering Profile |
| Solderability | 350°C / 3sec acc. to IEC 60068-2-20, Test Ta, method 2 |
| Resistance to Soldering Heat | 350°C / 10sec acc. to IEC 60068-2-20, Test Tb, method 2 |
| Contact Resistance | ≤ 10mΩ at 100 mA acc. to IEC 60127-6 |
| Dielectric Strength | > 3kV between live parts (50Hz: 1 min) |
| Impulse Withstand Voltage | > 4kV between live parts |
| Insulation Resistance | > 10MΩ between live parts (500VDC: 1 min) |
| Overvoltage Category | II acc. to IEC 60664-1 |
| Pollution Degree | 2 acc. to IEC 60664-1 |
| Admissible Torque on Fixing Nut | max 1.2Nm |
| Panel Thickness | max 7mm |

Approvals and Compliances



Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals




The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: FBS1

| Approval Logo | Certificates | Certification Body | Description |
|---|-------------------------------|--------------------|--------------------------------|
|  | VDE Approvals | VDE | VDE Certificate Number: 135561 |
|  | UL Approvals | UL | UR File Number: E39328 |



Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|----------------------|--|
|  | Designed according to | IEC 60127-6 | Miniature fuses. Part 6. Fuse-holders for miniature fuse-links |
|  | Designed according to | UL 4248-1 | Industrial Control Equipment |
|  | Designed according to | CSA C22.2 no. 4248.1 | Industrial Control Equipment |







Application standards

Application standards where the product can be used

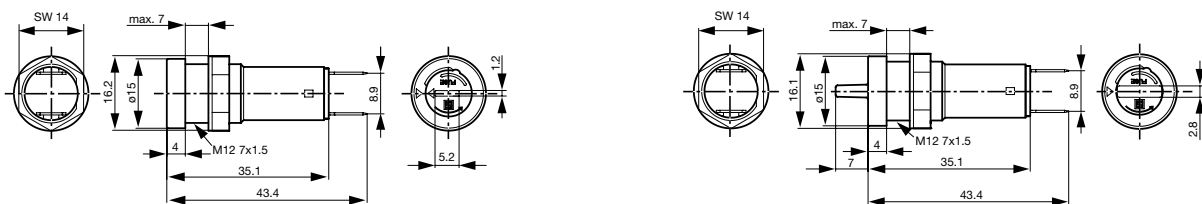
| Organization | Design | Standard | Description |
|--|--------------------------------|----------------|--|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |
|  | Suitable for applications acc. | IEC 60601-1 | Medical electrical equipment - Part 1: General requirements for basic safety and essential performance |

Compliances

The product complies with following Guide Lines

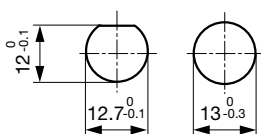
| Identification | Details | Initiator | Description |
|--|--|-------------|---|
|  | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | UKCA declaration of conformity | SCHURTER AG | The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008. |
|  | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
|  | China RoHS | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS. |
|  | REACH | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force. |
|  | Medical Equipment | SCHURTER AG | Suitable for use in medical equipment according to IEC/UL 60601-1 (1 MOOP, 1 MOPP) |

Dimension [mm]  43.4 mm



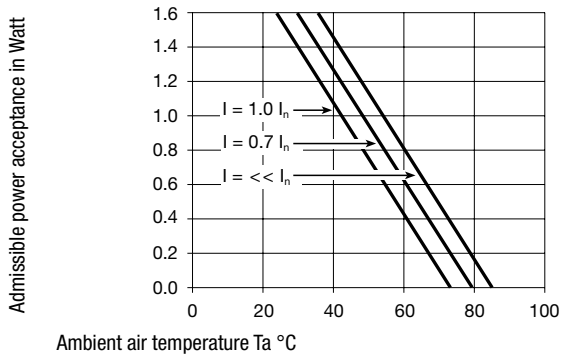
Variant 0031.3901 and 0031.3903

Variant Finger grip 0031.3911 and 0031.3913



Mounting holes

Derating Curves



All Variants

| Holder | Cap | Terminal | Degree of Protection | Order Number |
|--------|------------|----------------------------|----------------------|--------------|
| ● | slotted | Solder 4.8 x 0.5 mm | IP40 | 0031.3901 |
| ● | slotted | Quick-Connect 4.8 x 0.5 mm | IP40 | 0031.3903 |
| ● | Fingergrip | Solder 4.8 x 0.5 mm | IP40 | 0031.3911 |
| ● | Fingergrip | Quick-Connect 4.8 x 0.5 mm | IP40 | 0031.3913 |

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Packaging Unit Bulk (100 pcs.)

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- [View 0031.3901 on WIN SOURCE](#)
- [Schurter Inc. Information](#)

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- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
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