

Fuseholder Open Design, 5 x 20 mm, THT, var. Covers, IEC 60335-1



500 VAC · 4 W/16A (VDE) · 500V · 16A (UL/CSA)

See below:

[Approvals and Compliances](#)

Description

- For appliances in unattended use
- Glow wire tests acc. to IEC 60695-2-12 and -13
- Low profile fuse block with insulation walls


Applications

- Household appliances

Weblinks

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

Technical Data

| | |
|------------------------------|---|
| Shock-Safe Category | PC1 |
| Fuse-Link | 5 x 20mm |
| Mounting | PCB |
| Attachment | Screw, rivet or THT |
| Terminal | Solder THT |
| Rated Voltage | 500 VAC (VDE), 500V (UL/CSA) |
| Rated current | 10/16A (VDE), 16A (UL/CSA) |
| Rated Power Acceptance IEC | 4 W / 16A @ Ta 23°C 4 W / 10A with black cover 2.5 W / 10 A with transparent cover, see derating curves |
| Degree of Protection | IP 20 (with cover) |
| Protection Class | Suitable for appliances with protection class I 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 | see variants |
| Material: Cover | Thermoplastic UL 94V-0 |
| Material: Terminals | Tin-Plated Copper Alloy |
| Unit Weight | 1.7 g |
| Storage Conditions | 0°C to 60°C, max. 70% r.h. |
| Product Marking |  Type, Rated Voltage, Rated current, Power Rating, Dielectric strength |

| | |
|------------------------------|--|
| Soldering Methods | Wave Soldering Profile |
| Solderability | 245°C / 3 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 1 |
| Contact Resistance | ≤ 10 mΩ at 20 mV acc. to IEC 60127-6 |
| Dielectric Strength | > 3kV between life parts (50Hz; 1 min) |
| Impulse Withstand Voltage | > 4kV between life parts |
| Insulation Resistance | ≥ 10 MΩ (500 VDC; 1 min) |
| Overvoltage Category | III acc. to IEC 60664-1 |
| Pollution Degree | 3 acc. to IEC 60664-1 |




Approvals and Compliances

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

Approvals




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

Approval Reference Type: OGN

| Approval Logo | Certificates | Certification Body | Description |
|---|-------------------------------|--------------------|----------------------------------|
|  | VDE Approvals | VDE | VDE Certificate Number: 40001042 |
|  | VDE Approvals | VDE | VDE Certificate Number: 40045404 |
|  | UL Approvals | UL | UL 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 | Fuseholder general requirements |
|  | Designed according to | CSA C22.2 no. 4248.1 | Fuseholder general requirements |






Application standards

Application standards where the product can be used

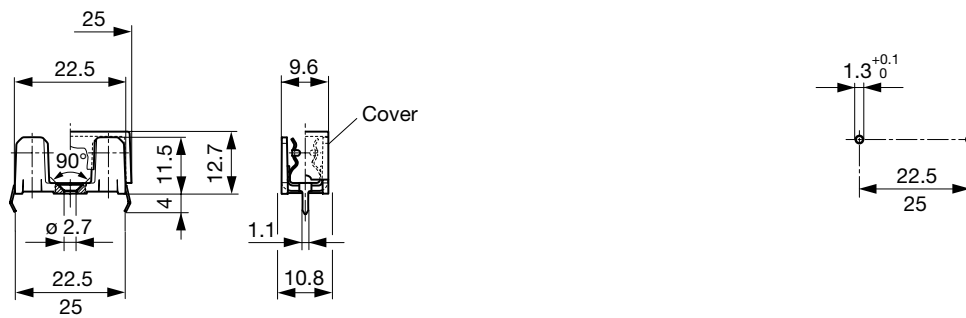
| Organization | Design | Standard | Description |
|--|--------------------------------|--------------|---|
|  | Designed for applications acc. | IEC/UL 60950 | IEC 60950-1 includes the basic requirements for the safety of information technology equipment. |
|  | Designed for applications acc. | IEC 60335-1 | Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13. |

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. |
|  | RoHS | SCHURTER AG | EU Directive RoHS 2011/65/EU |
|  | 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. |
|  | White paperGlow wire test | SCHURTER AG | Meets the glow wire test acc. IEC 60335-1 edition 4 |

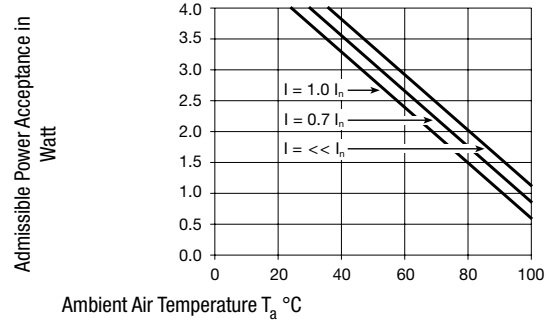
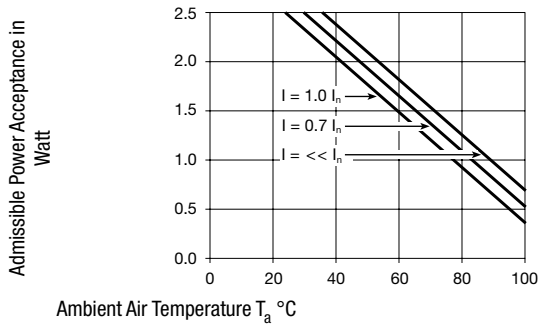
Dimension [mm]



Drilling diagram

Derating Curves

With Transparent Cover



All Variants

| Holder | Pin distance | Colour Holder | Material | Remark | Order Number |
|--------|--------------|---------------|---------------|--------|--------------|
| ● | 22.5 | black | Thermoplastic | - | 0031.8201 |
| ● | 22.5 | black | Thermoplastic | - | 0031.8201.G |
| ● | 25 | black | Thermoplastic | - | 0031.8211 |
| ● | 25 | black | Thermoplastic | - | 0031.8211.G |

Most Popular.

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

The fuseholder is suitable for use in equipment according to IEC 60335-1.

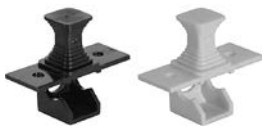
| Packaging Unit | xxxx.xxxx | Bulk 128 x 91 x 60 mm (100 pcs.) |
|----------------|-------------|-------------------------------------|
| | xxxx.xxxx.G | Bulk 210 x 200 x 100 mm (1000 pcs.) |

Accessories

Description



Covers for OGN, OGN-SMD
 Cover for Holder OGN, OGN-SMD



Adapter to OGN, OGN-SMD
 Fuse Carriage with Handle for OGN, OGN-SMD