

Fuseholder Open Design, 5 x 20 / 6.3 x 32 mm, THT, VDE: 250/500 VAC, UL/CSA: 600 V, Cover, IEC 60335-1



250/500 VAC · 4 W/10 A (VDE) · 600 V · 16 A (UL/CSA)



Description

- Fuseholder for 500 VAC (according to IEC) or 600 V (according to UL / CSA) applications
- Suitable for use in devices according to IEC 60335-1 Ed. 4.0 for appliances in unattended use (clause 30.2.3). This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13. Order number: 0031.8231.15
- Fuse block accepts 5x20 or 6.3x32 fuse-links

Standards

- IEC 60127-6
- UL 4248-1
- CSA C22.2 no. 4248.1

Approvals

- VDE Certificate Number: 40008993 (250V) + 40018378 (500V)
- UL File Number: E39328


Applications

- Equipment with three-phase supply (400 VAC)


Weblinks

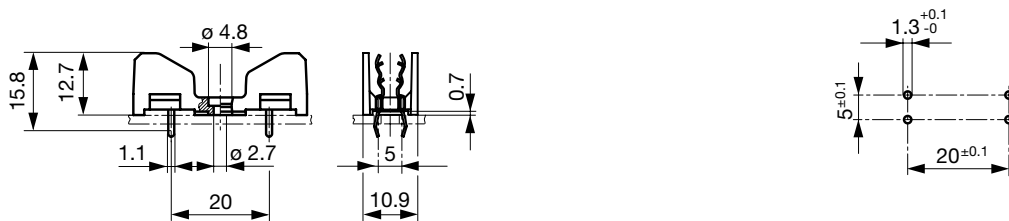
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Technical Data

| | |
|------------------------------|---|
| Fuse-Link | 5 x 20 or 6.3 x 32 mm |
| Mounting | PCB |
| Attachment | Screw, rivet or THT |
| Terminal | Solder THT |
| Rated Voltage | 250/500 VAC (VDE), 600 V (UL/CSA) |
| Rated current | 10 A (VDE), 16 A (UL/CSA) |
| Rated Power Acceptance IEC | 4 W / 10 A @ Ta 23 °C Admissible power acceptance at higher ambient temperature 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 | Thermoplastic, black, UL 94V-0 |
| Material: Cover | Thermoplastic black UL 94V-0 |
| Material: Terminals | Tin-Plated Copper Alloy |
| Unit Weight | 3.7 g |
| Storage Conditions | 0 °C to 60 °C, max. 70% r.h. |
| Product Marking |  Type, Rated Voltage, Power Acc./Current Rating, Approvals |

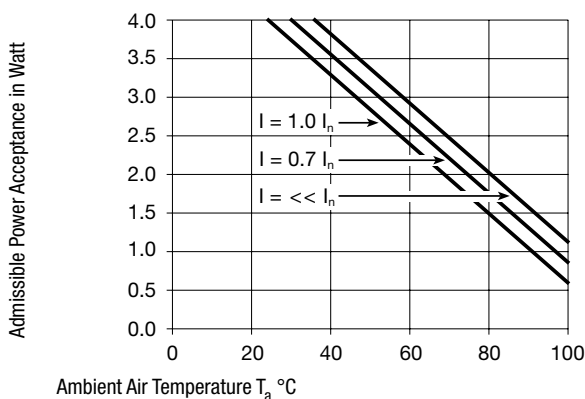
| | |
|------------------------------|--|
| Soldering Methods | Wave Soldering Profile |
| Solderability | 245 °C / 3 sec acc. to IEC 60068-2-20, Test Ta, method 1 |
| Resistance to Soldering Heat | 260 °C / 10 sec acc. to IEC 60068-2-20, Test Tb, method 1A |
| Contact Resistance | < 5 mΩ at 20 mV |
| Dielectric Strength | > 3 kV (50 Hz; 1 min) |
| Impulse Withstand Voltage | > 6 kV between Life parts |
| Insulation Resistance | > 10 MΩ between Life parts (500 VDC; 1 min) |
| Overvoltage Category | III acc. to IEC 60664-1 |
| Pollution Degree | 3 (250 VAC), 2 (500 VAC) acc. to IEC 60664-1 |

Dimension  35.4 mm



Drilling diagram

Derating Curves



All Variants

| Holder | Material | Remark | Order Number |
|--------|-----------------------|--------|--------------|
| ● | Thermoplastic | - | 0031.8231 |
| ● | Spec. Thermoplastic 1 | - | 0031.8231.15 |

Most Popular.

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

Spec. thermoplastic is suitable for use in devices according to IEC 60335-1 for appliances in unattended use (clause 30.2.3). This standard includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.

Packaging Unit Bulk 178 x 91 x 71 mm (100 pcs.)

Accessories

Description



Cover for OGD, OGD-SMD
Cover for Holder OGD, OGD-SMD

Reflow-Cover

0853.0917