

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



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



Description

- Fuseholder for 500 VAC applications
- Meets the new requirements of 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 60695-2-11 to -13. Order number: 0031.8231.15
- Fuse block accepts 5x20 or 6.3x32 fuse-links

Standards

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

Approvals

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

Applications

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

References

[General Product Information](#)

Weblinks

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

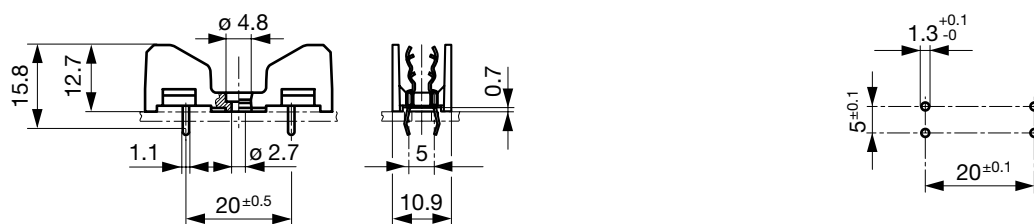
Technical Data

Fuse-Link	5 x 20 or 6.3 x 32 mm
Mounting	PCB
Fastening	Screw or Rivet
Terminal	Solder THT
Rated Voltage	500VAC (VDE), 250VAC (UL/CSA)
Rated Current	10A (VDE), 16A (UL/CSA)
Rated Power Acceptance IEC	4W / 10A @ Ta 23°C Admissible power acceptance at higher ambient temperature see derating curves
Degree of Protection	IP 00 / IP 20
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 (Socket/Cap)	3.7 g
Storage Conditions	0°C to 60°C, max. 70% r.h.
Product Marking	 Type, Voltage Rating, Power Acc./Current Rating, 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 / 10 sec acc. to IEC 60068-2-20, Test Tb, method 1A
Contact Resistance	< 5 mΩ at 20 mV
Dielectric Strength	> 3kV between L-N (50Hz; 1 min)
Impulse Withstand Voltage	> 4kV between L-N
Insulation Resistance	> 10 MΩ between L-N (500VDC; 1 min)
Overvoltage Category	I - III acc. to IEC 60664-1
Pollution Degree	2 acc. to IEC 60664-1
Resistance to Vibration	acc. to IEC 60068-2-6, test Fc

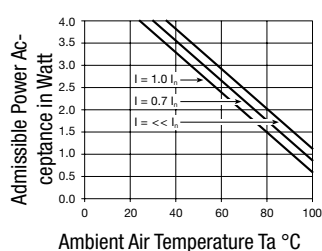
Dimensions

Length |—————| 35.4 mm



Drilling holes

Derating Curves for Fuseholders



Variants

[Distributor-Stock-Check](#) | [SCHURTER-Stock-Check](#) | [e-Store](#)

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

Spec. thermoplastic 1 and 2 meet the new requirements of 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 60695-2-11 to -13.

Packaging Unit

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

Accessory

Description



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

Reflow-Cover

0853.0917