Fuseholder Open Design, 5 x 20 / 6.3 x 32 mm, SMD, VDE: 250/500 VAC, UL/CSA: 600 V, Cover, IEC 60355-1



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

See below:

Approvals and Compliances

Description

- Fuseholder for 500 VAC (according to IEC) or 600 V (according to UL/ CSA) applications
- Fuse block accepts 5x20 or 6.3x32 fuse-links

Applications

- Equipment with three-phase supply (400 VAC)

pdf data sheet, html datasheet, General Product Information, Distributor-Stock-Check, Accessories, Detailed request for product, Microsite

Technical Data		
Shock-Safe Category	PC1	
Fuse-Link	5 x 20 / 6.3 x 32 mm	
Mounting	PCB	
Attachment	Screw/Rivet	
Terminal	Solder SMT	
Rated Voltage	250/500 VAC (VDE), 600 V (UL/CSA)	
Rated current	10A (VDE), 16A (UL/CSA)	
Rated Power Acceptance IEC	4W / 10A @ Ta 23°C	
	2.5 W / 10 A with transparent cover	
Degree of Protection	IP20 (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	Copper alloy, tin-plated	
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, Certification marks	

Soldering Methods	Reflow (lead-free)
	Soldering Profile
Solderability	245-260 °C / max. 30 sec acc. to JE- DEC J-STD-020D
Contact Resistance	≤ 10 mΩ at 100 mA acc. to IEC 60127-6
Dielectric Strength	> 3 kV between life parts (50 Hz: 1 min)
Impulse Withstand Voltage	> 6kV between life parts
Insulation Resistance	$> 10M\Omega$ between life parts (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

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: OGD-SMD

Approval Logo	Certificates	Certification Body	Description
₽ E	VDE Approvals	VDE	VDE Certificate Number: 40008993
VDE	VDE Approvals	VDE	VDE Certificate Number: 40018378
c FL °us	UL Approvals	UL	UR File Number: E39328

Product standards

Product standards that are referenced

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

Application standards

Application standards where the product can be used

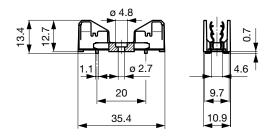
	•		
Organization	Design	Standard	Description
<u>IEC</u>	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
<u>IEC</u>	Suitable for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13.

Compliances

The product complies with following Guide Lines

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Identification	Details	Initiator	Description
C€	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.
CA CA	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	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	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.
00	White Paper Glow wire test	SCHURTER AG	Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 &-13.

Dimension [mm] 35.4 mm



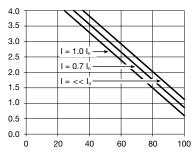


Solder pads

Derating Curves

With black cover or without cover

Admissible Power Acceptance in



Ambient Air Temperature Ta °C

All Variants

Holder	Material	Reflow Condition	Remark	Order Number	•
•	Thermoplastic	acc. to JEDEC J-STD-020D, Tp=245 +0/-5 °C, tp = max. 30 s	-	0031.8241	
•	Spec. Thermoplastic 2	acc. to JEDEC J-STD-020D, Tp=260 +0/-5 °C, tp = max. 30 s	-	0031.8242	

Most Popular.

Availability for all products can be searched real-time:https://www.schurter.com/en/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 Unitxxxx.xxxxBulk 178 x 91 x 71 mm (100 pcs.)

Accessories

Description



Cover_for_OGD__OGD-SMD Cover for Holder OGD, OGD-SMD