Shock-Safe Fuseholder, 5 x 20 mm, Fingergrip, horizontal, PC1



Fingergrip

250 VAC · 1.6 W/6.3 A (VDE) · 250 VAC/VDC · 10 A (UL/CSA)

See below:

Approvals and Compliances

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- Shocksafe Category PC1

pdf datasheet, html-datasheet, General Product Information, Packaging details, Distributor-Stock-Check, Detailed request for product, Microsite

Shock-Safe Category Fuse-Link 5 x 20mm Mounting PCB Terminal Solder THT Rated Voltage 250 VAC (VDE), 250 VAC/VDC (UL/CSA) Rated current 6.3 A (VDE), 10 A (UL/CSA) Rated Power Acceptance IEC Admissible power acceptance at higher ambient temperature see derating curves Degree of Protection IP 40 Protection Class Suitable for appliances with protection class I acc. to IEC 61140 Admissible Ambient Air Temp40 °C to 85 °C Climatic Category 40/085/21 acc. to IEC 60068-1 Thermoplastic, black, UL 94V-0 Material: Cap Thermoplastic, black, UL 94V-0 Material: Terminals Tin-Plated Copper Alloy Unit Weight 4.7 g Storage Conditions O °C to 60 °C, max. 70% r.h. Product Marking In Rated Voltage, Rated current, Approvals	Technical Data	
Mounting PCB Terminal Solder THT Rated Voltage 250 VAC (VDE), 250 VAC/VDC (UL/CSA) Rated current 6.3 A (VDE), 10 A (UL/CSA) Rated Power Acceptance IEC 1.6W / 6.3 A @ Ta 23 °C Admissible power acceptance at higher ambient temperature see derating curves Degree of Protection IP 40 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: Terminals Tin-Plated Copper Alloy Unit Weight 4.7 g Storage Conditions 0 °C to 60 °C, max. 70% r.h. Product Marking In Rated Voltage, Rated current, Ap-	Shock-Safe Category	PC1
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Admissible Ambient Air Temp40 °C to 85 °C Climatic Category 40/085/21 acc. to IEC 60068-1 Material: Socket Thermoplastic, black, UL 94V-0 Material: Cap Thermoplastic, black, UL 94V-0 Material: Terminals Tin-Plated Copper Alloy Unit Weight 4.7 g Storage Conditions 0 °C to 60 °C, max. 70% r.h. Product Marking Stated Current, Ap-	Protection Class	Suitable for appliances with protection
Climatic Category 40/085/21 acc. to IEC 60068-1 Material: Socket Thermoplastic, black, UL 94V-0 Material: Cap Thermoplastic, black, UL 94V-0 Material: Terminals Unit Weight 4.7 g Storage Conditions 0 °C to 60 °C, max. 70% r.h. Product Marking [5], Rated Voltage, Rated current, Ap-		class I acc. to IEC 61140
Material: Socket Material: Cap Material: Cap Thermoplastic, black, UL 94V-0 Thermoplastic, black, UL 94V-0 Material: Terminals Tin-Plated Copper Alloy Unit Weight 4.7 g Storage Conditions 0 °C to 60 °C, max. 70% r.h. Product Marking Area Thermoplastic, black, UL 94V-0 The	Admissible Ambient Air Temp.	-40 °C to 85 °C
Material: Cap Thermoplastic, black, UL 94V-0 Material: Terminals Tin-Plated Copper Alloy Unit Weight 4.7 g Storage Conditions 0°C to 60°C, max. 70% r.h. Product Marking Stated Voltage, Rated current, Ap-	Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Terminals Unit Weight 4.7 g Storage Conditions O°C to 60°C, max. 70% r.h. Product Marking Storage Rated current, Ap-	Material: Socket	Thermoplastic, black, UL 94V-0
Unit Weight 4.7 g Storage Conditions 0 °C to 60 °C, max. 70% r.h. Product Marking 5, Rated Voltage, Rated current, Ap-	Material: Cap	Thermoplastic, black, UL 94V-0
Storage Conditions 0 °C to 60 °C, max. 70% r.h. Product Marking	Material: Terminals	Tin-Plated Copper Alloy
Product Marking	Unit Weight	4.7 g
	Storage Conditions	0°C to 60°C, max. 70% r.h.
provals	Product Marking	, Rated Voltage, Rated current, Ap-
		provals

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 / 5 sec acc. to IEC 60068-2-20, Test Tb, method 1A
Contact Resistance	≤ 10 mΩ at 20 mV acc. to IEC 60127-6
Dielectric Strength	> 3kV between life parts (50 Hz: 1 min)
Impulse Withstand Voltage	> 4 kV between life parts
Insulation Resistance	$> 10 \text{M}\Omega$ between life parts (500 VDC: 1 min)
Overvoltage Category	II acc. to IEC 60664-1
Pollution Degree	2 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: FAS

Approval Logo	Certificates	Certification Body	Description
© ^V E	VDE Approvals	VDE	VDE Certificate Number: 40013508
c FU °us	UL Approvals	UL	UL 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	Fuseholder general requirements
CSA Group	Designed according to	CSA C22.2 no. 4248.1	Fuseholder general requirements

Application standards

Application standards where the product can be used

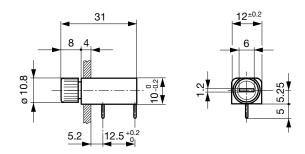
Organization	Design	Standard	Description
<u>IEC.</u>	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technologyequipment.
<u>IEC</u>	Designed for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar 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
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.
ROHS	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	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 paperGlow 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 60695-2-12 and -13.

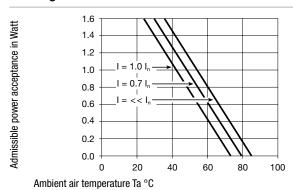
Dimension [mm] 31 mm





Drilling diagram

Derating Curves



All Variants

_	Holder	Сар	Terminal	Degree of Pro- tection	Order Number	_
	•	slotted	straight	IP 40	0031.3501	

Most Popular.

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

Packaging Unit Bulk (100 pcs.)

Fuses