

Shock-Safe Fuseholder, 5 x 20 / 6.3 x 32 mm, Slotted Cap, horizontal



Socket with Slotted Cap

250/500 VAC · 4 W/16 A (VDE) · 600 V · 30 A (UL/CSA)

See below:

[Approvals and Compliances](#)

Description

- Fuseholder for 500 VAC applications
- Fuseholder with high rated power acceptance
- Same drilling diagram (FUP and FUA)


Applications

- Equipment with three-phase supply (400 VAC)
- Applications with rated current up to 16 A (VDE)

Weblinks

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

Technical Data

Shock-Safe Category	PC2
Fuse-Link	5 x 20 or 6.3 x 32 mm
Mounting	PCB
Terminal	Solder THT
Rated Voltage	250/500 VAC (VDE), 600 V (UL/CSA)
Rated current	16 A (VDE), 30 A (UL/CSA)
Rated Power Acceptance IEC	4 W / 16 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 or II acc. to IEC 61140
Admissible Ambient Air Temp.	-40 °C to 85 °C
Material: Socket	Thermoset, black, UL 94V-0
Material: Terminals	Tin-Plated Copper Alloy
Unit Weight	14.6 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Type, Rated Voltage, Power Rating, Rated current, Approvals

Soldering Methods	Wave Soldering Profile
Solderability	245 °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 1
Contact Resistance	≤ 10 mΩ at 20 mV acc. to IEC 60127-6
Dielectric Strength	> 3 kV between life parts (50 Hz; 1 min)
Impulse Withstand Voltage	> 4 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	2 (500 VAC), 3 (250 VAC) 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: FUP

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	VDE Certificate Number: 40045336
	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

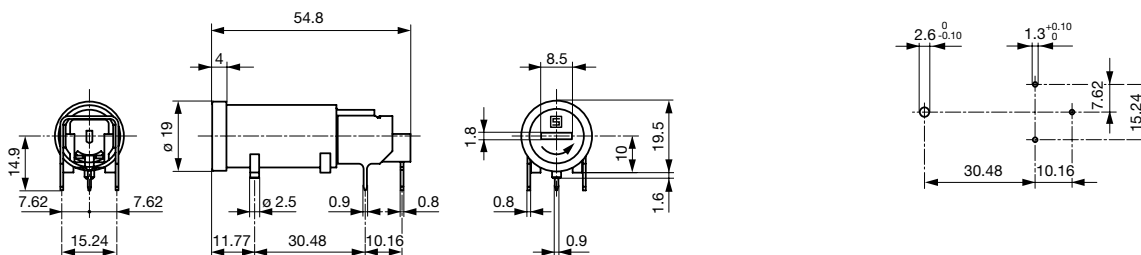
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.
	Designed for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the 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

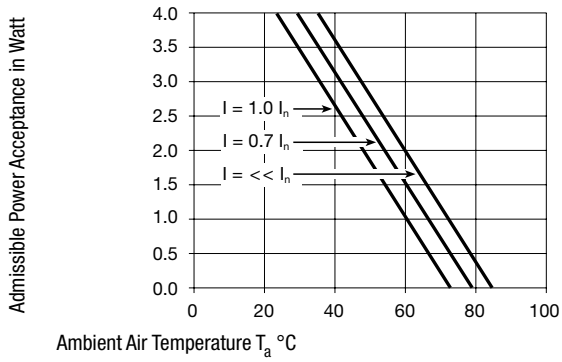
Identification	Details	Initiator	Description
	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	RoHS	SCHURTER AG	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



All Variants

Holder	Cap	Fuse-Link	Degree of Protection	Remark	Order Number
●	slotted	5 x 20mm	IP 40	0031.2500 + 0031.2323	0031.2510
●	slotted	6.3 x 32mm	IP 40	0031.2500 + 0031.2321	0031.2520

Most Popular.

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

Packaging Unit Bulk (25 pcs.)

Required Accessory

Description



Caps to FUL, FUP, FUA
 Caps to Holder FUL, FUP, FUA

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schurter:](#)

[0031.2500](#) [0031.2510](#) [0031.2520](#)