

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



Socket with Slotted Cap

250/500 VAC · 4W/16A (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)

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

Weblinks

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

Technical Data	
Shock-Safe Category	PC2
Fuse-Link	5 x 20 / 6.3 x 32 mm
Mounting	PCB
Terminal	Solder THT
Rated Voltage	250/500 VAC (VDE), 600 V (UL/CSA)
Rated current	16A (VDE), 30A (UL/CSA)
Rated Power Acceptance IEC	4W / 16A @ Ta 23°C
	Admissible power acceptance at higher
	ambient temperature see derating cur-
	ves
Degree of Protection	IP40
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	Copper alloy, tin-plated
Unit Weight	14.6 g
Storage Conditions	0°C to 60°C, max. 70% r.h.
Product Marking	5, Type, Rated Voltage, Power Rating,
	Rated current, Certification marks

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
Solderability	245 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1
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	> 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

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: FUP

Approval Logo	Certificates	Certification Body	Description
VDE	VDE Approvals	VDE	VDE Certificate Number: 40045336
G AL IIS	UL Approvals	UL	UL File Number: E39328

Product standards

Product standards that are referenced

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

Application standards

Application standards where the product can be used

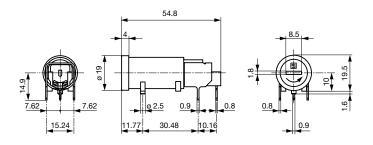
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Organization	Design	Standard	Description	
<u>IEC</u>	Designed for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements	
<u>IEC</u>	Designed for applications acc.	IEC 60335-1	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 60695-2-11 or -12 & -13.	

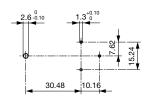
Compliances

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.
UK 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
50	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] 54.8 mm

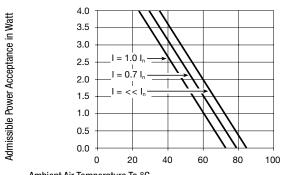




Drilling diagram



Derating Curves



Ambient Air Temperature Ta °C

All Variants

Ī	Holder	Сар	Fuse-Link	Degree of Pro-	Remark	Order Number	
	•	slotted	5 x 20mm	tection IP40	0031.2500 + 0031.2323	0031.2510	
	•	slotted	6.3 x 32mm	IP40	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