Shock-Safe Fuseholder, 5 x 20 mm, Slotted Cap/Fingergrip, horizontal, IEC 60335-1





Closed fuseholder 5 x 20 mm horizontal with slot

Solder from front side horizontal with finger grip fingergrip

250 VAC · 2.5 W / 10 A (VDE) · 500 V · 16 A (UL/CSA)

See below:

Approvals and Compliances

Description

- Compact design
- Horizontal style
- Heading with fingergrip and slotted available

Applications

- Household appliances
- Medical Equipment

Weblinks

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

Technical Data	
Shock-Safe Category	PC2
Fuse-Link	5 x 20 mm
Mounting	PCB
Terminal	Solder THT
Rated Voltage	250 VAC , 500 V (UL/CSA)
Rated current	10A (VDE), 16A (UL/CSA)
Rated Power Acceptance IEC	2.5W / 10A @ 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 acc. to IEC 61140
Admissible Ambient 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	Copper alloy, tin-plated
Unit Weight	4.31 g
Storage Conditions	0°C to 60°C, max. 70% r.h.
Product Marking	国, Type, Rated Voltage, Power Acc./
	Current Rating, Certification marks
	<u> </u>

Soldering Methods	Wave
	Soldering Profile
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	≤ 10 mΩ at 100 mA acc. to IEC 60127-6
Dielectric Strength	> 3kV between live parts
Impulse Withstand Voltage	> 4 kV between live parts
Insulation Resistance	≥ 10 MΩ between live parts (500 VDC: 1 min)
Overvoltage Category	II acc. to IEC 60664-1
Pollution Degree	2 acc. to IEC 60664-1
Resistance to Vibration	acc. to IEC 60068-2-6, test Fc

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: FPG5

Approval Logo	Certificates	Certification Body	Description
_OVE	VDE Approvals	VDE	VDE Certificate Number: 40044101
c SU °us	UL Approvals	UL	UR File Number: E39328

Product standards

Product standards that are referenced

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

Application standards

Application standards where the product can be used

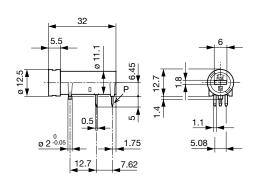
Organization	Design	Standard	Description
<u>IEC</u>	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
<u>IEC</u>	Suitable for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar 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

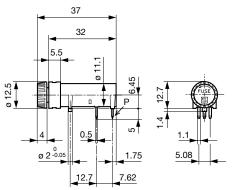
The product complies with following Guide Lines

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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.
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
©	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.

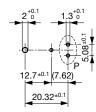
Dimension [mm] -| 32 mm



Variant 3101.0050



Variant Fingergrip 3101.0055 / Connector tinned

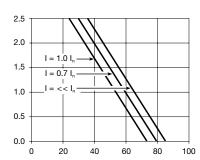


Drilling diagram

Derating Curves

acc. to IEC

Admissible power acceptance in Watt



Ambient air temperature Ta $^{\circ}\text{C}$

Variants

Holder	Сар	Terminal	Material	Packaging	Order Number
•	slotted	straight	Thermoplastic	1000 pcs.	3-145-707
•	Fingergrip	straight	Thermoplastic	1000 pcs.	3-145-709
•	slotted	straight	Thermoplastic	100 pcs.	3101.0050
•	Fingergrip	straight	Thermoplastic	100 pcs.	3101.0055

Availability for all products can be searched real-time: https://www.schurter.com/en/info-center/support-tools/stock-check-distributors

Packaging Unit

Bulk 186 x 91 x 91 mm (100 pcs.) Bulk 340 x 240 x 170 mm (1000 pcs.)