

Shock-Safe Fuseholder, 5 x 20 mm, Slotted Cap/Fingergrip, PC3, medical



Fingergrip



captive fuse carrier

250 VAC · 1.6W/6.3A (VDE)10A (UL/CSA)

Approvals and Compliances

Description

- Shocksafe category PC3
- Captive Fuse-Carrier, Slotted or Fingergrip

Applications

- Medical equipment

Weblinks

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

Technical Data

Shock-Safe Category	PC3
Fuse-Link	5 x 20 mm
Mounting	Panel Mount, Front Side
Attachment	Fixing Nut
Terminal	Solder or Quick-Connect 4.8 x 0.5 mm
Rated Voltage	250VAC
Rated current	6.3A (VDE), 10A (UL/CSA)
Rated Power Acceptance IEC	1.6W / 6.3A @ 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	5.62 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	, Type, Rated Voltage, Approvals

Soldering Methods	Iron Soldering Profile
Solderability	350 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 2
Resistance to Soldering Heat	350 °C / 10 sec acc. to IEC 60068-2-20, Test Tb, method 2
Contact Resistance	< 5 mΩ at 20 mV
Dielectric Strength	> 3kV > 4kV between L/N-PE (50Hz; 1 min)
Impulse Withstand Voltage	> 4kV between L-N > 6kV between L/N-PE
Insulation Resistance	> 10 MΩ between L-N > 100 MΩ between L/N-PE (500VDC; 1 min)
Overvoltage Category	I - II acc. to IEC 60664-1
Pollution Degree	1 - 2 acc. to IEC 60664-1
Admissible Torque on Fixing Nut	max 1.2 Nm
Panel Thickness	max 7 mm

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: FBS1

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

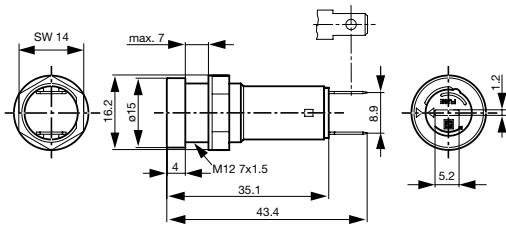
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.
	Designed for applications acc.	IEC 60601-1	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance

Compliances

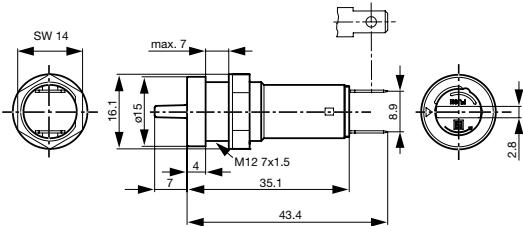
The product complies with following Guide Lines

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.
	Medical Equipment	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1

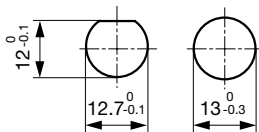
Dimension [mm]  43.4 mm



Variant 0031.3901

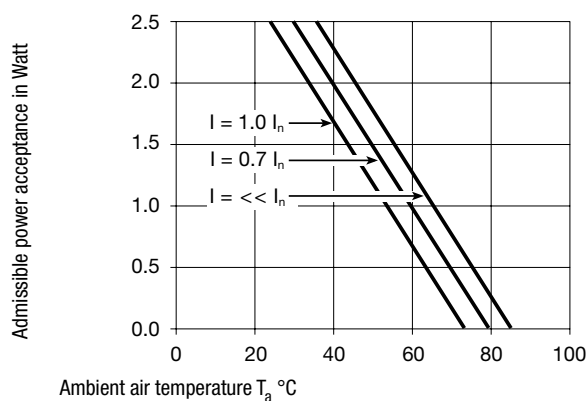


Variant Fingergrip 0031.3911



Mounting holes

Derating Curves



All Variants

Holder	Cap	Terminal	Degree of Protection	Order Number
●	slotted	Solder 4.8 x 0.5 mm	IP 40	0031.3901
●	slotted	Quick-Connect 4.8 x 0.5 mm	IP 40	0031.3903
●	Fingergrip	Solder 4.8 x 0.5 mm	IP 40	0031.3911
●	Fingergrip	Quick-Connect 4.8 x 0.5 mm	IP 40	0031.3913

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.)