Shock-Safe Fuseholder, 6.3 x 32 mm, Slotted Cap, Snap-in

new

500 VAC · 8 W / 25 A (VDE) · 600 VAC/VDC · 45 A (UL/CSA)

See below:
Approvals and Compliances

Description

- Fuseholder for 600 VAC applications and high rated power acceptance
- Tool required to exchange the fuse

Unique Selling Proposition

- Fuseholder for high performance applications
- High power to size ratio
- Robust design for high currents
- First Fuseholder on the market according to extended IEC standard

Applications

- Equipment with three-phase supply (400 VAC)
- Applications with rated current up to 25 A (VDE)

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	6.3 x 32 mm
Mounting	Panel mount, Front Side
Attachment	Snap-in
Terminal	Solder
Rated Voltage	500 VAC (VDE), 600 VAC/VDC (UL/CSA)
Rated current	25 A (VDE), 45 A (UL/CSA)
Rated Power Acceptance IEC	8 W / 25 A @ Ta 23 °C Admissible power acceptance at higher ambient temperature see derating curves
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	26.1 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	, Type, Certification marks

Soldering Methods	Iron Soldering Profile
Solderability	350 °C / 3 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
Contact Resistance	≤ 10 mΩ at 100 mA acc. to IEC 60127-6
Dielectric Strength	> 2 kV between live parts (50 Hz: 1 min)
Impulse Withstand Voltage	> 5 kV between live parts
Insulation Resistance	≥ 10 MΩ between live parts (500 VDC: 1 min)
Overvoltage Category	III acc. to IEC 60664-1
Pollution Degree	2 acc. to IEC 60664-1
Resistance to Vibration	acc. to NF C 20-706 / IEC 60068-2-6, test Fc, (Shock 10 g, 1.5 mm, 10-2000 Hz, 10 cyc.)
Mechanical Shock	acc. to NF C 20-727 / IEC 60068-2-27, (Shock 100 g, half-sine, 2 ms, each direction 3 times)
Mechanical Shock (Bump)	acc. to NF C 20-729 / IEC 60068-2-29, (Shock 40 g, half-sine, 2 ms, 1000 repetition)
Salt Mist	acc. to NF C 20-711 / IEC 60068-2-11
Panel Thickness	3.0mm (Other panel thickness on request)

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: FXP

Approval Logo	Certificates	Certification Body	Description
VDE	VDE Approvals	VDE	VDE Certificate Number: 40056723
c UL us	UL Approvals	UL	UR File Number: E39328

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60127-6	Miniature fuses. Part 6. Fuse-holders for miniature fuse-links
UL	Designed according to	UL 4248-1	Industrial Control Equipment
CSA Group	Designed according to	CSA C22.2 no. 4248.1	Industrial Control Equipment

Application standards

Application standards where the product can be used

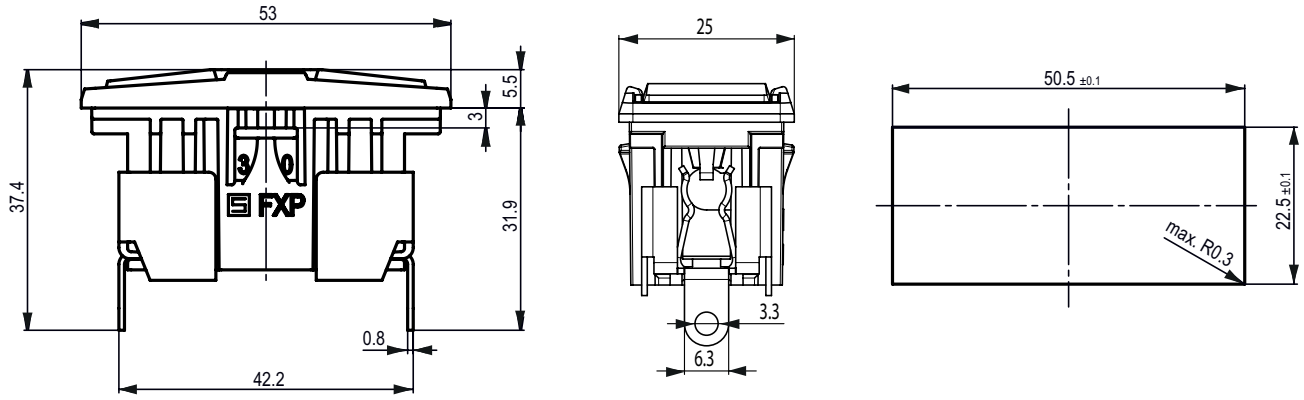
Organization	Design	Standard	Description
IEC	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
IEC	Suitable for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets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

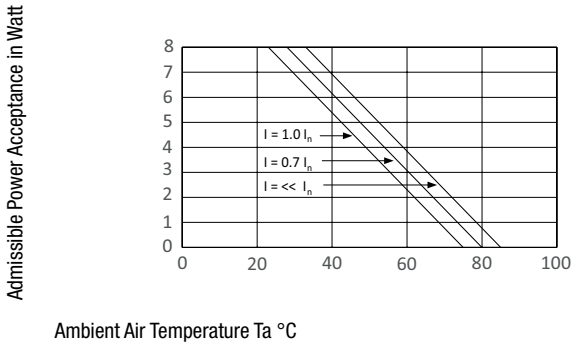
The product complies with following Guide Lines

Identification	Details	Initiator	Description
CE	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.
UKCA	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 COMPLIANT	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
China RoHS	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.
White Paper Glow wire test	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]



Derating Curves



Variants

Holder	Cap	Fuse-Link	Terminal	Degree of Protection	Order Number
●	slotted	6.3 x 32mm	Solder	IP40	3-141-376

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

Packaging Unit

Bulk (20 Pcs.) , 320x187x70mm

02.04.2025

Mouser Electronics

Authorized Distributor

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

Schurter:

3-141-376