

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





Socket with Slotted Cap

Socket without mounted Cap Caps must be ordered separately (see accessories)

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

See below:

Approvals and Compliances

Description

- Fuseholder for 600 VAC applications
- Fuseholder with high rated power acceptance
- Screw type fuse carrier

Unique Selling Proposition

- Fuseholder for high performance applications
- High rated power acceptance

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

References

Weblinks

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

Shock-Safe Cate	go
Fuse-Link	
Mountina	

Technical Data

Shock-Safe Category	PC2
Fuse-Link	5 x 20 / 6.3 x 32 mm
Mounting	Panel mount, Front Side
Attachment	Fixing Nut
Terminal	Solder / Quick-Connect 6.3 x 0.8 mm
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 / IP67
Protection Class	Suitable for appliances with protection
	class I or II 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	Tin-Plated Copper
Unit Weight	15 g
Storage Conditions	0°C to 60°C, max. 70% r.h.
Product Marking	5 , Type, Rated Voltage, Power Rating,
	Rated current, Certification marks
	<u> </u>

PC2

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	> 3 kV between live parts
	(50Hz: 1 min)
Impulse Withstand Voltage	> 4 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 (500 VAC), 3 (250 VAC) acc. to IEC
	60664-1
Resistance to Vibration	acc. to IEC 60068-2-6, test Fc
Admissible Torque on Fixing	max 1.2 Nm
Nut	
Panel Thickness	max 8mm

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: FUL

Approval Logo	Certificates	Certification Body	Description
VDE	VDE Approvals	VDE	VDE Certificate Number: 40045336
c FU °us	UL Approvals	UL	UR File Number: E39328

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
<u>IEC</u>	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
GB Group	Designed according to	CSA C22.2 no. 4248.1	Industrial Control Equipment

Application standards

Application standards where the product can be used

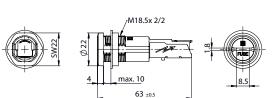
Organization	Design	Standard	Description
<u>IEC</u>	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
<u>IEC</u>	Suitable for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar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

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.
CA 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]



18.7 =0.1

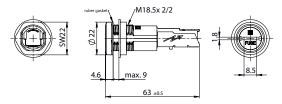
without Sealing Ring

Mounting holes

d 63 mm

Variant 0031.2307 and 0031.2308

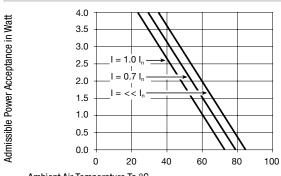




with Sealing Ring

Variant 0031.2303 and 0031.2304

Derating Curves



Ambient Air Temperature Ta °C

All Variants

Holder	Сар	Fuse-Link	Terminal	Degree of Pro- tection	Order Number
•	-	5 x 20 / 6.3 x 32mm	Solder	IP40	0031.2307
•	-	5 x 20 / 6.3 x 32mm	Quick-Connect 6.3	IP40	0031.2308
•	-	5 x 20 / 6.3 x 32mm	Solder	IP67	0031.2303
•	-	5 x 20 / 6.3 x 32mm	Quick-Connect 6.3	IP67	0031.2304

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

Packaging Unit

Bulk (25 pcs.)

Required Accessory

Description



Caps_to_FUL__FUP__FUA
Caps to Holder FUL, FUP, FUA



Caps_to_FUL__IP_67_ Caps to Holder FUL (IP 67)

3 |

Accessories



Nut_for_fuse_holder Mounting accessories for fuse holder



Cover_FIZ__FUL Insulation Cover for FIZ, FUL, FUS

Mouser Electronics

Authorized Distributor

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

Schurter:

 $0031.2308 \ 0031.2307 \ 0031.2304 \ 0031.2303$