

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 · 4 W / 16 A (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

Applications

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

References

Fuseholder to [A12FA 250V](#); [A12FA 500V](#); [FST 5x20](#); [SHF 6.3x32](#); [SHT 6.3x32](#); [SP 5x20](#); [SPT 5x20](#); [SPT 6.3x32](#); [SUT 6.3x32](#); [SUT-H 6.3x32](#)

Weblinks

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

Technical Data

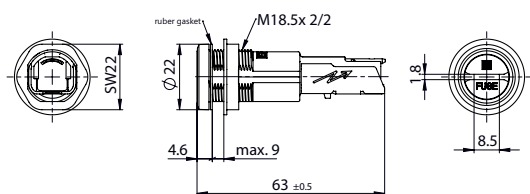
Shock-Safe Category	PC2
Fuse-Link	5 x 20 / 6.3 x 32 mm
Mounting	Panel mount, Front Side
Attachment	Fixing Nut
Terminal	Solder / Quick-Connect 6.3 x 0.8 mm
Rated Voltage	250/500 VAC (VDE), 600 V (UL/CSA)
Rated current	16 A (VDE), 30 A (UL/CSA)
Rated Power Acceptance IEC	4 W / 16 A @ Ta 23 °C Admissible power acceptance at higher ambient temperature see derating curves
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	 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	> 3 kV between live parts (50 Hz: 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 Nut	max 1.2 Nm
Panel Thickness	max 8 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](#)

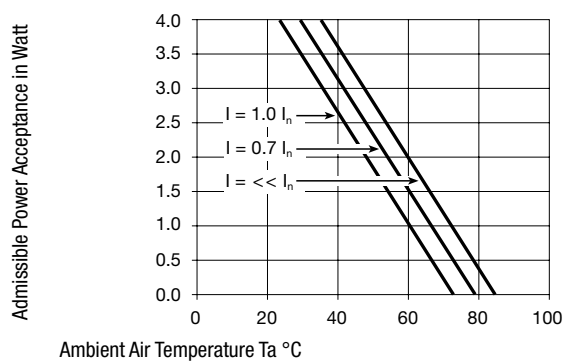
SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.



with Sealing Ring

Variant 0031.2303 and 0031.2304

Derating Curves



Variants

Holder	Cap	Fuse-Link	Terminal	Degree of Protection	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)

Accessories



Nut_for_fuse_holder
Mounting accessories for fuse holder



Cover_FIZ__FUL
Insulation Cover for FIZ, FUL, FUS