Shock-Safe Fuseholder, 5 x 20 / 6.3 x 32 mm, Slot Knob, horizontal



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

Description
- Fuseholder for 500 VAC applications
- Fuseholder with high rated power acceptance
- Same drilling diagram (FUP and FUA)

Standards
- IEC 60127-6
- UL 4248-1 / UL 512
- CSA 4248-1 / no. 39

Approvals
- VDE Certificate Number: 40010391
- UL File Number: E39328

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

References

Weblinks
General Product Information, Approvals, RoHS, CHINA-RoHS, e-Store, SCHURTER-Stock-Check, Distributor-Stock-Check, Accessories

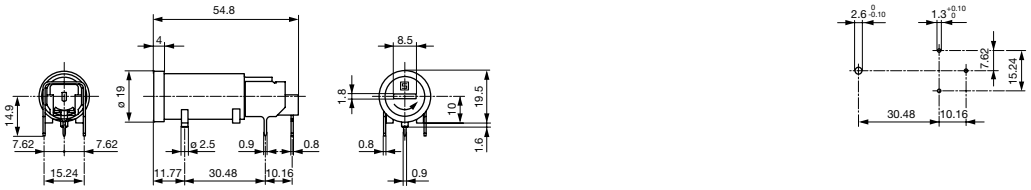
Technical Data

Shocksafe Category	PC2
Fuse-Link	5 x 20 or 6.3 x 32 mm
Mounting	PCB
Terminal	Solder THT
Rated Voltage	500 VAC (VDE), 600 VAC/DC (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	IP 40
Protection Class	Suitable for appliances with protection class 1 or 2 acc. to IEC 61140
Admissible Ambient Air Temp.	-40 °C to 85 °C
Material: Socket	Thermoset, black, UL 94V-0
Material: Terminals	Tin-Plated Copper Alloy
Unit Weight (Socket/Cap)	14.2 g / 14.1 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	S, Type, Voltage, Power Acc./Current Rating, Approvals

Soldering Methods	Wave
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	< 5 mΩ at 20 mV
Dielectric Strength	> 3 kV between L-N (50 Hz; 1 min)
Impulse Withstand Voltage	> 4 kV between L-N
Insulation Resistance	> 10 MΩ between L-N (500 VDC; 1 min)
Overvoltage Category	I - III acc. to IEC 60664-1
Pollution Degree	2 acc. to IEC 60664-1

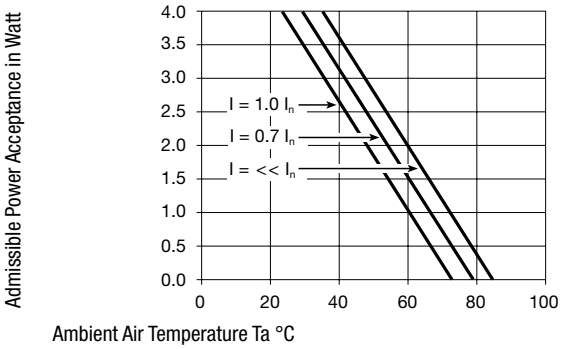
Abmessungen

54.8 mm



Drilling diagram

Derating Curves



Variants

Holder	Cap	Fuse-Link	Degree of Protection	Remark	Order Number
●	Slot Knob	5 x 20mm	IP 40	0031.2500 + 0031.2323	0031.2510
●	Slot Knob	6.3 x 32mm	IP 40	0031.2500 + 0031.2321	0031.2520
●	-	5 x 20 or 6.3 x 32mm	IP 40	-	0031.2500

Packaging Unit Bulk (25 pcs.)

Required Accessory



Description	
Caps to FUL, FUP, FUA Caps to Holder FUL, FUP, FUA	
Slot Knob, 6.3 x 32 mm, IP 40	0031.2321
Slot Knob, 5 x 20 mm, IP 40	0031.2323

SCHURTER ELECTRONIC COMPONENTS
The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments.