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









Fingergrip

captive fuse carrier

# 250 VAC · 2.5 W / 10 A (VDE) 10 A (UL/CSA)







## **Description**

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

### **Standards**

- IEC 60127-6
- UL 4248-1
- CSA 22.2 no. 4248.1

### **Approvals**

- VDE Certificate Number: 135561 - UL File Number: E39328

### **Applications**

- Medical equipment

pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Detailed request for product

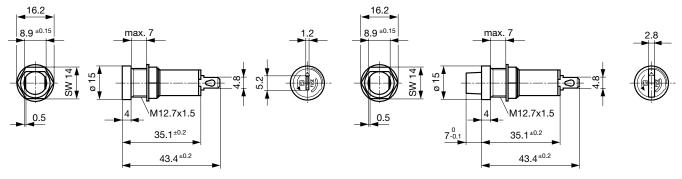
## **Technical Data**

Shock-Safe Category	PC3
Fuse-Link	5 x 20 mm
Mounting	Panel Mount, Front Side
Mounting	Fixing Nut
Terminal	Solder or Quick-Connect 4.8 x 0.5 mm
Rated Voltage	250 VAC
Rated current	10A (VDE), 10A (UL/CSA)
Rated Power Acceptance IEC	2.5W / 10A @ Ta 23°C
	Admissible power acceptance at higher
	ambient temperature see derating cur-
	ves
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	<b>⑤</b> , Type, Rated voltage, Approvals

Soldering Methods	Iron
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 m $\Omega$ at 20 mV
Dielectric Strength	> 3kV
	> 4 kV between L/N-PE
	(50 Hz; 1 min)
Impulse Withstand Voltage	> 4 kV between L-N
	> 6 kV between L/N-PE
Insulation Resistance	$> 10\text{M}\Omega$ between L-N
	$> 100  \text{M}\Omega$ between L/N-PE
	(500 VDC; 1 min)
Overvoltage Category	I - II acc. to IEC 60664-1
Pollution Degree	1 - 2 acc. to IEC 60664-1
Admissible Torque on Fixing	max 1.2Nm
Nut	
Panel Thickness s	max 7 mm

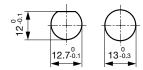
# **Dimension**

43.4 mm



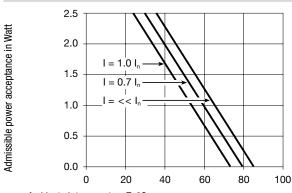
Variant 0031.3901

Variant Fingergrip 0031.3911



## Mounting holes

## **Derating Curves**



Ambient air temperature  $\mathrm{T_{a}}$  °C

# **All Variants**

Holder	Сар	Terminal	Degree of Pro- tection	Order Number
•	slotted	Solder	IP 40	0031.3901
•	slotted	Quick-Connect 4.8 x 0.5 mm	IP 40	0031.3903
•	Fingergrip	Solder	IP 40	0031.3911
•	Fingergrip	Quick-Connect 4.8 x 0.5 mm	IP 40	0031.3913

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Packaging Unit Bulk (100 pcs.)