

Shock-Safe Fuseholder, 5 x 20 mm, Slotted Cap/Fingergrip, Rear-Side, IP 40 / IP 67, IEC 60335-1



Fingergrip

250 VAC · 2.5 W/10 A (VDE) · 500 V · 16 A (UL/CSA)



Description

- Meets the new requirements of IEC 60335-1 for appliances in unattended use (clause 30.2.3). This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.
- Mounting from rear-side

Standards

- IEC 60127-6 Edition 2.0
- UL 4248-1
- CSA C22.2 no. 4248.1

Approvals

- Approval Reference Type: FPG2
- VDE Certificate Number: 127216
- UL File Number: E39328

Applications

- Household appliances
- Medical equipment

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#), [Microsite](#)

Technical Data

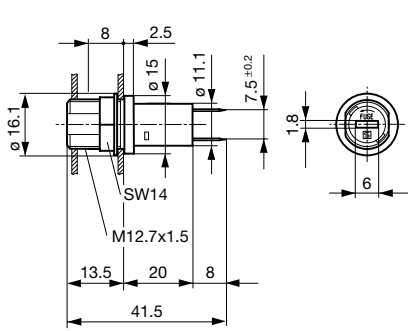
Shock-Safe Category	PC2
Fuse-Link	5 x 20 mm
Mounting	Panel Mount, Rear Side
Attachment	Fixing Nut
Terminal	Solder or Quick-Connect 4.8 x 0.5 mm
Rated Voltage	250VAC (VDE), 500V (UL/CSA)
Rated current	6.3/10A (VDE), 16A (UL/CSA)
Rated Power Acceptance IEC	2.5 W / 10 A @ Ta 23 °C Admissible power acceptance at higher ambient temperature see derating curves
Degree of Protection	IP 40 / IP 67
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	6.01 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Type, Rated Voltage, Rated current, Power Rating, Approvals

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, Test Tb, method 2
Contact Resistance	≤ 10 mΩ at 20 mV acc. to IEC 60127-6
Dielectric Strength	> 3 kV between Life parts (50 Hz; 1 min)
Impulse Withstand Voltage	> 4 kV between Life parts
Insulation Resistance	≥ 10 MΩ between Life parts (500 VDC; 1 min)
Overvoltage Category	III acc. to IEC 60664-1
Pollution Degree	3 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

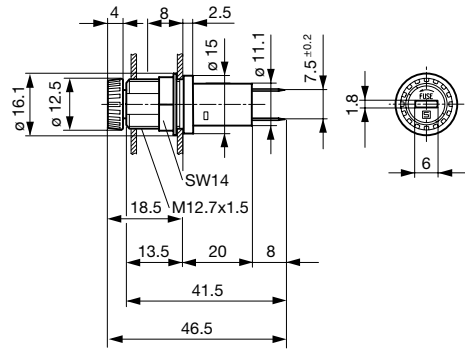
Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

Dimension

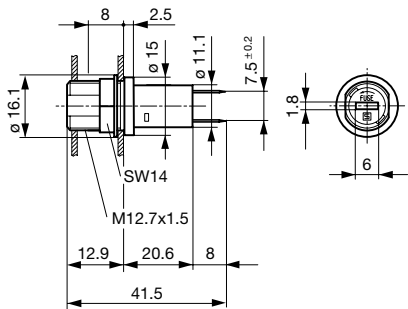
46.5 mm



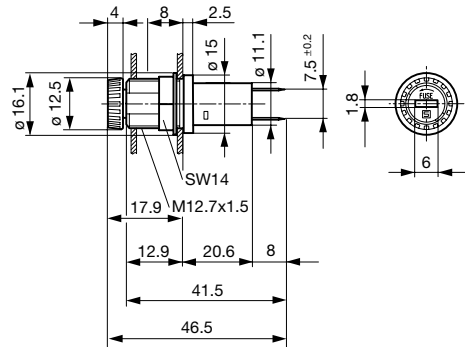
IP 40 / Variants 3101.0020 and 3101.0220



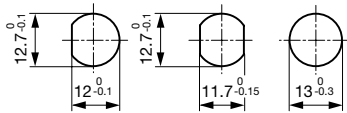
IP 40 / Variants Fingerrip 3101.0025 and 3101.0225



IP 67 / Variants 3101.0120 and 3101.0320

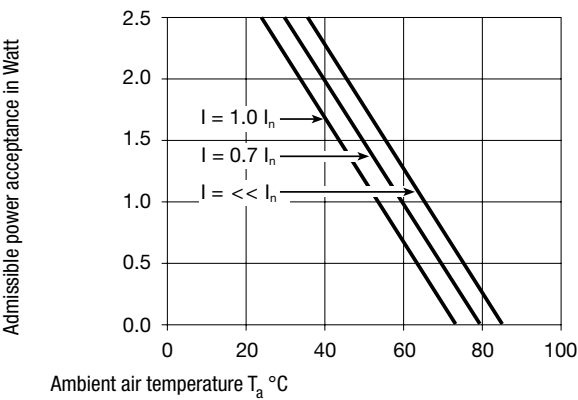


IP 67 / Variants Fingerrip 3101.0125 and 3101.0325



Mounting holes

Derating Curves



All Variants

Holder	Cap	Terminal	Degree of Protection	Material	Remark	Order Number
●	slotted	Solder	IP 40	Thermoplastic	-	3101.0020
●	slotted	Quick-Connect 4.8 x 0.5 mm	IP 40	Thermoplastic	-	3101.0220
●	Fingergrip	Solder	IP 40	Thermoplastic	-	3101.0025
●	Fingergrip	Quick-Connect 4.8 x 0.5 mm	IP 40	Thermoplastic	-	3101.0225
●	slotted	Solder	IP 67	Thermoplastic	-	3101.0120
●	slotted	Quick-Connect 4.8 x 0.5 mm	IP 67	Thermoplastic	-	3101.0320
●	Fingergrip	Solder	IP 67	Thermoplastic	-	3101.0125
●	Fingergrip	Quick-Connect 4.8 x 0.5 mm	IP 67	Thermoplastic	-	3101.0325

■ Most Popular.

Availability for all products can be searched real-time:<http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

Packaging Unit Bulk 186 x 91 x 110 mm (100 pcs.)

Mouser Electronics

Authorized Distributor

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

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[3101.0025](#) [3101.0020](#) [3101.0120](#) [3101.7021](#) [3101.7521](#) [3101.0125](#) [3101.0225](#) [3101.0325](#) [3101.022](#) [3101.0220](#)