Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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

Fingergrip

250 VAC · 2.5 W / 10 A (VDE) · 400 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.
- Compact design
- Heading with fingergrip and slotted available
- Degree of protection IP 67 available
- White color available on request

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

Approvals
- Approval Reference Type: FPG1
- 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
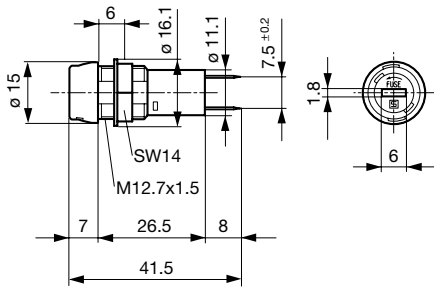
Technical Data

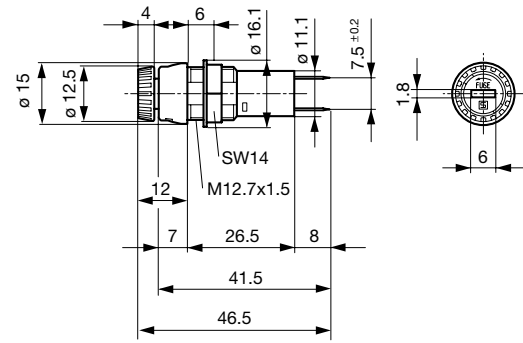|	
Shock-Safe Category	PC2
Fuse-Link	5 x 20 mm
Mounting	Panel Mount, Front Side
Attachment	Fixing Nut
Terminal	Solder or Quick-Connect 4.8 x 0.5 mm
Rated Voltage	250 VAC (VDE), 400 V (UL/CSA)
Rated current	6.3/10 A (VDE), 16 A (UL/CSA)
Rated Power Acceptance IEC	2.5 W / 10 A @ Ta 23 °C Admissible power 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	5.7 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	$\boxed{5}$, 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 6 mm

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in General Product Information
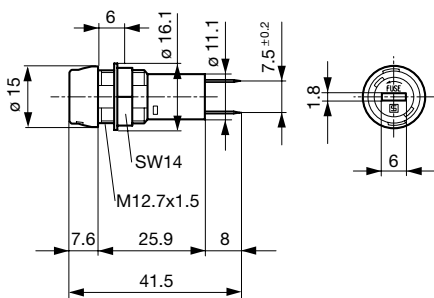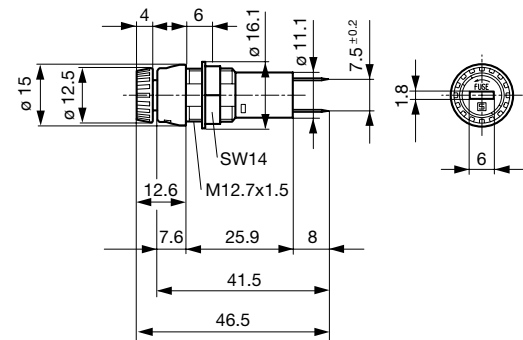
Dimension
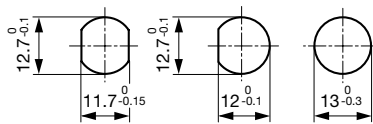
|← 41.5 mm

IP 40 / Variants 3101.0010 and 3101.0210

IP 40 / Variants Fingergrip 3101.0015 and 3101.0215

IP67 / Variants 3101.0110 and 3101.0310

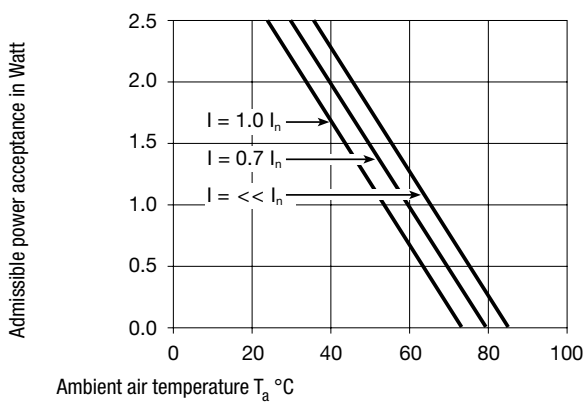IP67 / Variants Fingergrip 3101.0115 and 3101.0315

Mounting Holes

Derating Curves

$I = 1.0\ I_n$

$I = 0.7\ I_n$

$I = \ll I_n$

Admissible power acceptance in Watt

Ambient air temperature T_a °C

All Variants

Holder	Cap	Terminal	Degree of Protection	Material	Remark	Order Number	
●	slotted	Solder	IP 40	Thermoplastic	-	3101.0010	▮
●	slotted	Quick-Connect 4.8 x 0.5 mm	IP 40	Thermoplastic	-	3101.0210	
●	Fingergrip	Solder	IP 40	Thermoplastic	-	3101.0015	▮
●	Fingergrip	Quick-Connect 4.8 x 0.5 mm	IP 40	Thermoplastic	-	3101.0215	▮
●	slotted	Solder	IP 67	Thermoplastic	-	3101.0110	▮
●	slotted	Quick-Connect 4.8 x 0.5 mm	IP 67	Thermoplastic	-	3101.0310	
●	Fingergrip	Solder	IP 67	Thermoplastic	-	3101.0115	▮
●	Fingergrip	Quick-Connect 4.8 x 0.5 mm	IP 67	Thermoplastic	-	3101.0315	

▮ 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 91 mm (100 pcs.)

27.04.2017