

PCB, 5 x 20 mm, IP 40 / IP 54



Variant 2

250 VAC · 2 W / 6.3 A (VDE) · 12 A (UL)

**Description**

- Vertical style
- IP 40 oder IP 54 from frontside

Standards

- IEC 60127-6
- UL 512
- CSA C22.2 no. 39

Approvals

- VDE License Number: 127210 UG / 129370 UG
- UL File Number: E39328

References

General Product Information

Weblinks

Approvals: <http://www.schurter.com/approvals>
 RoHS: <http://www.schurter.com/rohs>

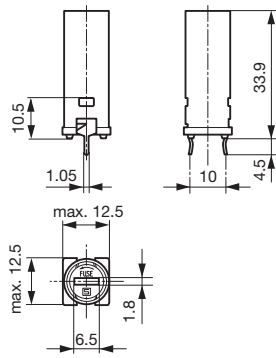
Technical Data

| | |
|------------------------------|---------------------------------------------------------------------------------------------------------|
| Shocksafe Category | PC2 |
| Fuse-Link | 5 x 20 mm |
| Mounting | PCB |
| Terminal | Solder THT |
| Rated Voltage | 250 VAC |
| Rated Current | 6.3 A (VDE) , 12 A (UL) |
| Rated Power Acceptance IEC | 2 W / 6.3 A @ Ta 23 °C Admissible power acceptance at higher ambient temperature see derating curves |
| Degree of Protection | IP 40 / IP 54 |
| Protection Class | Suitable for appliances with protection class I or II 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: Cap | Thermoplastic, black, UL 94V-0 |
| Material: Terminals | Tin-Plated Copper Alloy |
| Unit Weight (Socket/Cap) | 5.03 g |
| Storage Conditions | 0 °C to 60 °C, max. 70% r.h. |
| Product Marking | Type, Voltage Rating, Current Rating, Approvals |

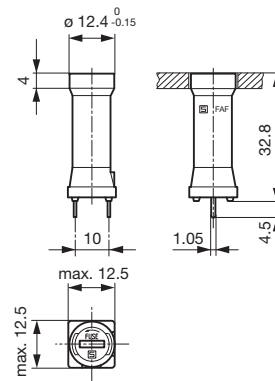
| | |
|------------------------------|------------------------------------------------------------|
| Soldering Methods | Wave |
| Solderability | 235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1 |
| Resistance to Soldering Heat | 260 °C / 10 sec acc. to IEC 60068-2-20, Test Tb, method 1A |
| 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 | 1 - 3 acc. to IEC 60664-1 |

Dimensions

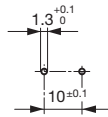
Length |-----| 38.4 mm



Variant 0031.3701 and 0031.3703

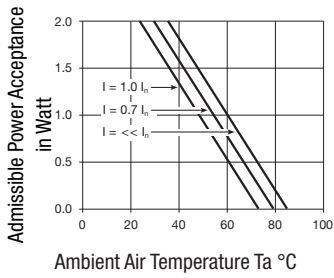


Variant 2 0031.3751 and 0031.3753



Drilling diagram

Derating Curves



Variants

| Order Number | Holder | Cap | Terminal | Degree of Protection |
|--------------|--------|-----------|----------|----------------------|
| 0031.3701 | ● | Slot Knob | Straight | IP 40 |
| 0031.3703 | ● | Slot Knob | Kicked | IP 40 |
| 0031.3751 | ● | Slot Knob | Straight | IP 40 |
| 0031.3753 | ● | Slot Knob | Straight | IP 54 |

Packaging Unit

Bulk (100 pcs.)