Non resettable fuses
www.schurter.com/PG01_2

Surface Mount Fuse, 7.4 x 3.1 mm, Time-Lag T, 125 VAC, 125 VDC

UL 248-14 · 125 VAC · 125 VDC · Time-Lag T

Description
- Directly solderable on printed circuit boards

Standards
- UL 248-14
- CSA C22.2 no. 248.14

Approvals
- UL File Number: E41599

Technical Data
- Rated Voltage: 125 VAC, 125 VDC
- Rated current: 0.25 - 6.3 A
- Breaking Capacity: 100 A
- Characteristic: Time-Lag T
- Mounting: PCB/SMT
- Admissible Ambient Air Temp.: -40 °C to +85 °C
- Climatic Category: 40/085/21 acc. to IEC 60068-1
- Material: Housing - Thermoplastic, UL 94V-0
- Material: Terminals - Tin-Plated Copper Alloy
- Unit Weight: 0.01 g
- Storage Conditions: 0 °C to 40 °C, max. 70% r.h.
- Product Marking: [illegible] Type, Current, Approvals

Soldering Methods
- Reflow, Wave

Solderability
- 245 °C / 3 sec acc. to IEC 60068-2-58, Test Td

Resistance to Soldering Heat
- 260 ±0/-5 °C / 40 sec acc. to IPC/JE-DEC J-STD-020D, Level 1

Moisture Resistance Test
- MIL-STD-202, Method 106E (50 cycles in a temp./mister chamber)

Terminal Strength
- MIL-STD-202, Method 211A
- Deflection of board 1 mm for 1 minute

Case Resistance
- acc. to BAVIS-722, Test 4.7
- >100 MΩ (between leads and body)

Mechanical Shock
- MIL-STD-202, Method 213B
- (Shock 50g, half sine wave, 11 ms)

Resistance to Solvents
- MIL-STD-202, Method 215A

Dimension

![Diagram of the fuse dimensions]

Pre-Arcing Time

<table>
<thead>
<tr>
<th>Rated Current In</th>
<th>1.0 x In min.</th>
<th>2.0 x In max.</th>
<th>8.0 x In min.</th>
<th>8.0 x In max.</th>
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</thead>
<tbody>
<tr>
<td>0.25 A - 0.375 A</td>
<td>4 h</td>
<td>60 s</td>
<td>2 ms</td>
<td>30 ms</td>
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<tr>
<td>0.5 A - 6.3 A</td>
<td>4 h</td>
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<td>5 ms</td>
<td>100 ms</td>
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**Time-Current-Curves**

**All Variants**

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Most Popular.


1) 100 A @ 125 VAC / 100 A @ 125 VDC

**Packaging Unit**

- .xx = .11 Plastic Bag (100 pcs.)
- .xx = .22 Blister Tape 18 cm Reel (750 pcs.)
- .xx = .24 Blister Tape 33 cm Reel (3000 pcs.)