Surface Mount Fuse, 7 x 2 mm, Time-Lag T, 125 VAC, 125 VDC

See below: Approvals and Compliances

**Description**
- Low Breaking Capacity
- Directly solderable on printed circuit boards

**Technical Data**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Rated Voltage</td>
<td>63 - 125 VAC, 65 - 125 VDC</td>
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<tr>
<td>Rated current</td>
<td>0.75 - 15 A</td>
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<tr>
<td>Breaking Capacity</td>
<td>50 A - 150 A</td>
</tr>
<tr>
<td>Characteristic</td>
<td>Time-Lag T</td>
</tr>
<tr>
<td>Mounting</td>
<td>PCB, SMT</td>
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<tr>
<td>Admissible Ambient Air Temp.</td>
<td>-55°C to 85°C</td>
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<tr>
<td>Climatic Category</td>
<td>55/085/60 acc. to IEC 60068-1</td>
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<tr>
<td>Material: Tube</td>
<td>Ceramics</td>
</tr>
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<td>Material: Endcaps</td>
<td>Tin-Plated Copper Alloy</td>
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<td>Unit Weight</td>
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</tr>
<tr>
<td>Storage Conditions</td>
<td>0°C to 60°C, max. 70% r.h.</td>
</tr>
<tr>
<td>Product Marking</td>
<td>E, Rated current</td>
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</tbody>
</table>

**Applications**
- Telecom
- Household appliances

**References**
- Packaging Details
  - Square Footprint Type: MKT
  - Corresponding Fuseholder

**Approvals and Compliances**

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in Details about Approvals.

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

**Approvals**

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

| Approval Reference Type: MSB |
|-----------------------------|----------------------------|
| Approval Logo               | UL Approvals               |
| Certification Body          | UL                         |
| Description                 | UL File Number: E42088     |
Product standards

Product standards that are referenced

<table>
<thead>
<tr>
<th>Organization</th>
<th>Design</th>
<th>Standard</th>
<th>Description</th>
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<tbody>
<tr>
<td>IEC</td>
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<td>IEC 60127-4/2</td>
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<td></td>
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<td>surface mount types</td>
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<td>Low voltage fuses - Part 14: Additional fuses</td>
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Application standards

Application standards where the product can be used

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<td>IEC 60950-1 includes the basic requirements for the safety of information</td>
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<td>technology equipment.</td>
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Compliances

The product complies with following Guide Lines

<table>
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<th>Identification</th>
<th>Details</th>
<th>Initiator</th>
<th>Description</th>
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<tr>
<td>CE</td>
<td>CE declaration of</td>
<td>SCHURTER AG</td>
<td>The CE marking declares that the product complies with the applicable</td>
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<td>requirements laid down in the harmonisation of Community legislation on its</td>
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<td></td>
<td></td>
<td></td>
<td>affixing in accordance with EU Regulation 785/2008.</td>
</tr>
<tr>
<td>RoHS</td>
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Dimension [mm]

| 7 mm |

Soldering pads

Pre-Arcing Time

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<th>2.0 x In max.</th>
<th>10.0 x In min.</th>
<th>10.0 x In max.</th>
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**Fuses**

https://www.schurter.com/PG01_2

**Time-Current-Curves**

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<table>
<thead>
<tr>
<th>Rated Current [A]</th>
<th>Rated Voltage [VAC]</th>
<th>Rated Voltage [VDC]</th>
<th>Breaking Capacity</th>
<th>Voltage Drop 1.0(I_1) typ. [mV]</th>
<th>Power Dissipation 1.1(I_1) typ. [mW]</th>
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</tbody>
</table>

Most Popular.

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

1) 50 A @ 125 VAC/DC
2) 63 A @ 125 VAC/DC
3) 150 A @ 65 VAC/DC

### Packaging Unit

| .xx = .63 | Plastic Bag (100 pcs.) |
| .xx = .57 | Blister Tape 18 cm Reel (1500 pcs.) |
| .xx = .59 | Blister Tape 18 cm Reel (5000 pcs.) |