

Surface Mount Fuse, 7 x 2.54 mm, Time-Lag T, 125 VAC, 125 VDC



IEC 60127-4 · 125 VAC · 125 VDC · Time-Lag T



Description

- Low Breaking Capacity
- Directly solderable on printed circuit boards

Standards

- IEC 60127-4/2
- UL 248-14
- CSA C22.2 no. 248.14

Approvals

- UL File Number: E42088

Applications

- Telecom
- Industrial electronic
- Household appliances

References

[Packaging Details](#)
Round Solder Pads Type [MSB](#)

Weblinks

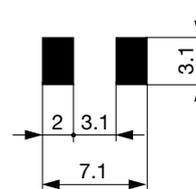
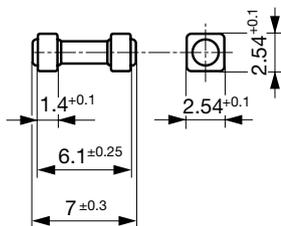
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

| | |
|------------------------------|-------------------------------|
| Rated Voltage | 63 - 125 VAC, 65 - 125 VDC |
| Rated current | 2 - 15 A |
| Breaking Capacity | 50 A - 150 A |
| Characteristic | Time-Lag T |
| Mounting | PCB, SMT |
| Admissible Ambient Air Temp. | -55 °C to 85 °C |
| Climatic Category | 55/085/56 acc. to IEC 60068-1 |
| Material: Tube | Ceramic |
| Material: Endcaps | Tin-Plated Copper Alloy |
| Unit Weight | 0.15 g |
| Storage Conditions | 0 °C to 60 °C, max. 70% r.h. |
| Product Marking | , Current |

| | |
|------------------------------|---|
| Soldering Methods | Reflow, Wave |
| Solderability | 235 °C / 2 sec acc. to IEC 60068-2-58, Test Td |
| Resistance to Soldering Heat | 260 °C / 10 sec acc. to IEC 60068-2-58, Test Td |

Dimension



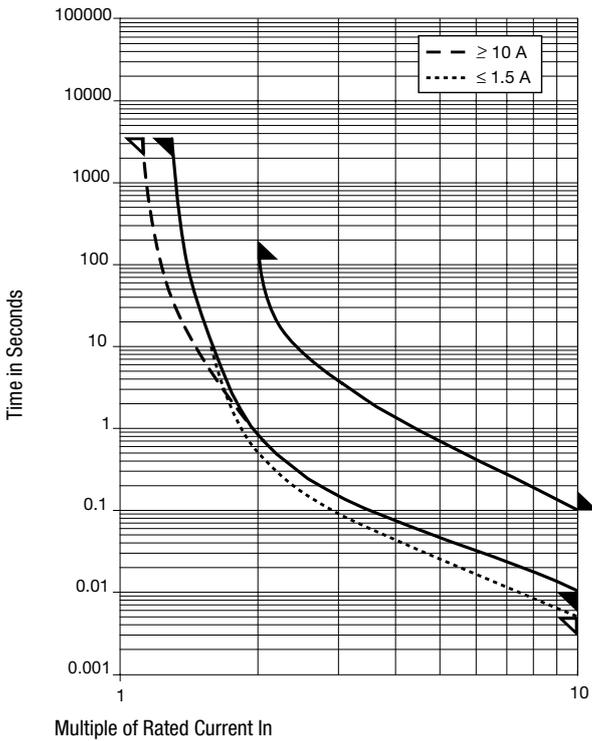
Soldering pads

Pre-Arcing Time

Rated Current In 1.1 x In min. 1.25 x In min. 2.0 x In max. 10.0 x In min. 10.0 x In max.

| | | | | | |
|-------------|--------|--------|-------|-------|--------|
| 2 A - 8 A | - | 60 min | 120 s | 10 ms | 100 ms |
| 10 A - 15 A | 60 min | - | 120 s | 10 ms | 100 ms |

Time-Current-Curves



All Variants

| Rated Current [A] | Rated Voltage [VAC] | Rated Voltage [VDC] | Breaking Capacity | Voltage Drop 1.0 I _n typ. [mV] | Power Dissipation 1.1 I _n typ. [mW] | Power Dissipation 1.25 I _n typ. [mW] | Melting I ² t 10.0 Intyp. [A ² s] |  | Order Number |
|-------------------|---------------------|---------------------|-------------------|---|--|---|---|---|--------------|
| 2 | 125 | 125 | 1) | 85 | - | 300 | 4.1 | ● | 7010.9513.xx |
| 2.5 | 125 | 125 | 1) | 82 | - | 360 | 6.9 | ● | 7010.9514.xx |
| 3.15 | 125 | 125 | 1) | 79 | - | 440 | 12 | ● | 7010.9515.xx |
| 3.5 | 125 | 125 | 1) | 78 | - | 485 | 15 | ● | 7010.9516.xx |
| 4 | 125 | 125 | 1) | 76 | - | 540 | 21 | ● | 7010.9517.xx |
| 5 | 125 | 125 | 1) | 87 | - | 600 | 29 | ● | 7010.9518.xx |
| 6.3 | 125 | 125 | 2) | 85 | - | 810 | 51 | ● | 7010.9519.xx |
| 8 | 65 | 65 | 3) | 81 | - | 1100 | 83 | ● | 7010.9520.xx |
| 10 | 65 | 65 | 3) | 79 | 1000 | - | 140 | ● | 7010.9521.xx |
| 12 | 65 | 65 | 3) | 77 | 1050 | - | 215 | ● | 7010.9522.xx |
| 15 | 65 | 65 | 3) | 75 | 1700 | - | 360 | ● | 7010.9523.xx |

Most Popular.

Availability for all products can be searched real-time: <http://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 = .03 Plastic Bag (100 pcs.)
- .xx = .55 Blister Tape 18 cm Reel (500 pcs.)
- .xx = .57 Blister Tape 18 cm Reel (1500 pcs.)