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Subminiature Fuse, 3.6 x 10 mm, Time-lag T, 250 VAC

new



IEC 60127-3 · 250VAC · Time-Lag T



Description

- Ceramic Tube
- IEC Standard Miniature Fuse

Standards

- IEC 60127-3/4
- UL 248-14
- CSA C22.2 no. 248.14

Approvals

- Approval Reference Type: SPT 3.6x10
- VDE Certificate Number: 40015228
- UL File Number: E184831

Applications

- Digital Consumer Electronics
- Power supplies


References

[Packaging Details](#)

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

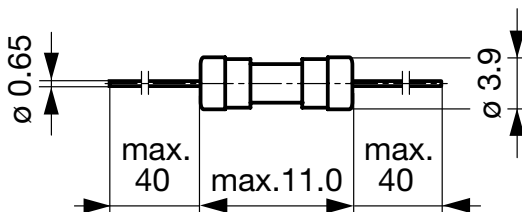
| | |
|------------------------------|---|
| Rated Voltage | 250VAC |
| Rated current | 0.1 - 5A |
| Breaking Capacity | 35A - 40A |
| Characteristic | Time-Lag T |
| Mounting | PCB,THT |
| Admissible Ambient Air Temp. | -20°C to 70°C |
| Material: Tube | Ceramic |
| Material: Endcaps | Nickel-Plated Brass |
| Material: Axial Leads | Tin-Plated Copper |
| Unit Weight | 0.6 g |
| Storage Conditions | 0°C to 60°C, max. 70% r.h. |
| Product Marking |  , Rated current, Rated Voltage, Characteristic, Approvals |

| | |
|------------------------------|---|
| Soldering Methods | Wave, Iron Soldering Profile |
| 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 |

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

Dimension [mm]

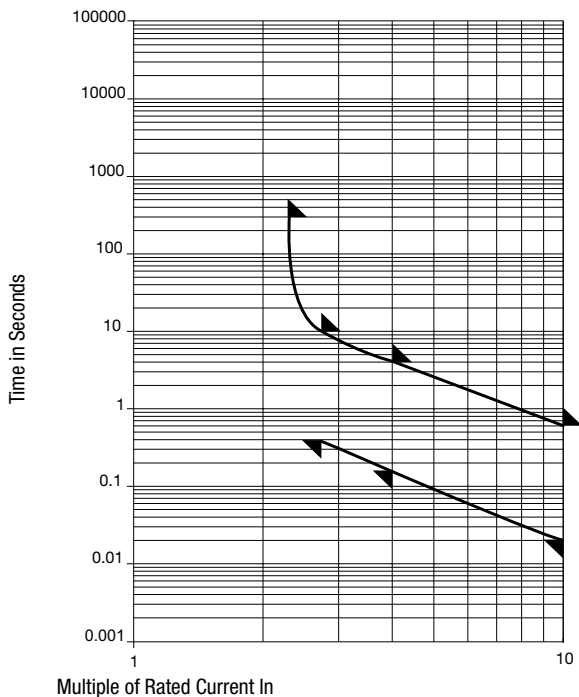
10 mm



Pre-Arcing Time

| Rated Current In | 2.1 x In max. | 2.75 x In min. | 2.75 x In max. | 4.0 x In min. | 4.0 x In max. | 10.0 x In min. | 10.0 x In max. |
|------------------|---------------|----------------|----------------|---------------|---------------|----------------|----------------|
| 0.1 A - 5 A | 120 s | 400 ms | 10 s | 150 ms | 3 s | 20 ms | 150 ms |

Time-Current-Curves



All Variants

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 In max. [mV] | Voltage Drop 1.0 In typ. [mV] | Power Dissipation 1.5 In max. [mW] | Melting I ² t 10.0 In typ. [A ² s] | | | | Order Number |
|-------------------|---------------------|-------------------|-------------------------------|-------------------------------|------------------------------------|--|---|---|---|--------------|
| 0.1 | 250 | 1) | 350 | 300 | 170 | 0.08 | ● | ● | ● | 8020.0504.PT |
| 0.125 | 250 | 1) | 300 | 255 | 180 | 0.15 | ● | ● | ● | 8020.0505.PT |
| 0.2 | 250 | 1) | 260 | 200 | 200 | 0.4 | ● | ● | ● | 8020.0507.PT |
| 0.25 | 250 | 1) | 240 | 160 | 220 | 0.2 | ● | ● | ● | 8020.0508.PT |
| 0.315 | 250 | 1) | 220 | 150 | 250 | 0.75 | ● | ● | ● | 8020.0509.PT |
| 0.4 | 250 | 1) | 200 | 110 | 280 | 0.45 | ● | ● | ● | 8020.0510.PT |
| 0.5 | 250 | 1) | 190 | 140 | 310 | 2.6 | ● | ● | ● | 8020.0511.PT |
| 0.63 | 250 | 1) | 180 | 120 | 360 | 5 | ● | ● | ● | 8020.0512.PT |
| 0.8 | 250 | 1) | 160 | 80 | 430 | 7.5 | ● | ● | ● | 8020.0513.PT |
| 1 | 250 | 1) | 140 | 120 | 500 | 11 | ● | ● | ● | 8020.0514.PT |
| 1.25 | 250 | 1) | 130 | 70 | 600 | 5 | ● | ● | ● | 8020.0515.PT |
| 1.6 | 250 | 1) | 120 | 90 | 730 | 17.5 | ● | ● | ● | 8020.0516.PT |
| 2 | 250 | 1) | 100 | 80 | 870 | 32 | ● | ● | ● | 8020.0517.PT |
| 2.5 | 250 | 1) | 100 | 75 | 1000 | 66 | ● | ● | ● | 8020.0518.PT |
| 3.15 | 250 | 1) | 100 | 80 | 1200 | 131 | ● | ● | ● | 8020.0519.PT |
| 4 | 250 | 2) | 100 | 70 | 1400 | 120 | ● | ● | ● | 8020.0520.PT |
| 5 | 250 | 2) | 100 | 70 | - | 250 | ● | ● | ● | 8020.0521.PT |

Most Popular.

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

1) 35 A @ 250 VAC

2) 40 A @ 250 VAC

Packaging Unit .xx = .PT Bulk (1000 pcs.)
