

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

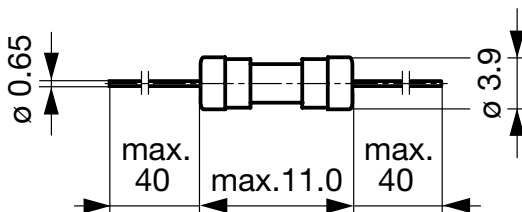
Rated Voltage	250VAC
Rated current	0.1 - 5A
Breaking Capacity	35A - 40A
Characteristic	Time-Lag T
Mounting	PCB,THT
Admissible Ambient Air Temp.	-20°C to 70°C
Material: Tube	Ceramic
Material: Endcaps	Nickel-Plated Brass
Material: Axial Leads	Tin-Plated Copper
Unit Weight	0.6 g
Storage Conditions	0°C to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

Soldering Methods	Wave, Iron <a href="#">Soldering Profile</a>
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

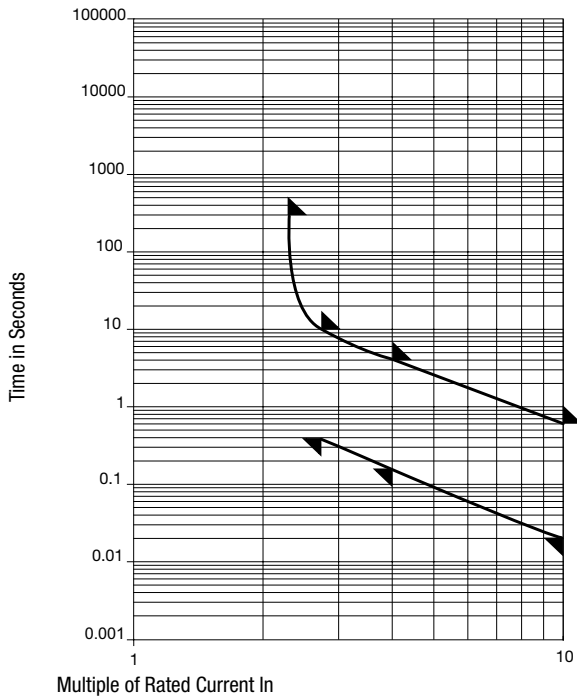
11 mm



## 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 <sup>2</sup> t 10.0 In typ. [A <sup>2</sup> 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

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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.)

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