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Axial Lead Fuse, 6.3x32 mm, low resistance, up to 30 A

new



UL 248-14 · 250 V · Time-Lag T



### Description

- Up to 30 A, low resistance
- Ceramic Tube

### Standards

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

### Approvals

- Approval Reference Type: SUT 6.3x32 Pigtail
- UL File Number: E184831

### Applications

- Single-phase high current applications up to 30 A


### 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

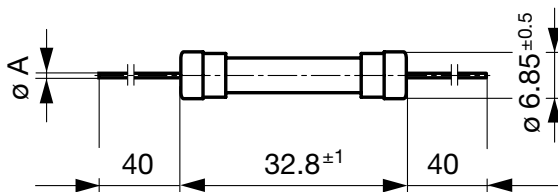
Rated Voltage	250V
Rated current	12 - 30A
Breaking Capacity	500A
Characteristic	Time-Lag T
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Tube	Ceramic
Material: Endcaps	Nickel-Plated Brass
Material: Axial Leads	Tin-Plated Copper
Material: Filler	Sand
Unit Weight	3.9 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 , Type, Rated current, Rated Voltage, 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 / 5 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]

 6.3 mm



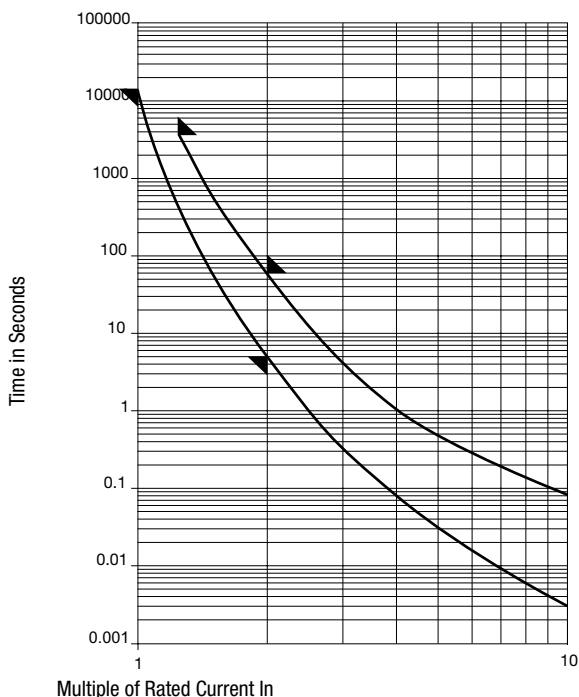
In = 12 A: ØA = 0.8 mm  
In ≥ 15 A: ØA = 1.0 mm

## Pre-Arcing Time

Rated Current  $I_n$     1.0 x  $I_n$  min.    1.35 x  $I_n$  max.    2.0 x  $I_n$  min.    2.0 x  $I_n$  max.

12 A - 30 A	4 h	60 min	5 s	60 s
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## Time-Current-Curves



## All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 $I_n$ typ. [mV]	Cold Resistance typ. [ $m\Omega$ ]	Melting $I^2t$ 10.0 Intyp. [ $A^2s$ ]	Order Number
12	250	1)	78	5.6	72	● 8020.0603.PT
15	250	1)	81	4.7	152	● 8020.0604.PT
20	250	1)	87	3.6	750	● 8020.0605.PT
25	250	1)	62	2.1	1010	● 8020.0606.PT
30	250	1)	64	1.8	2050	● 8020.0607.PT

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

1) 500 A @ 250 VAC, 10 kA @ 125 VAC

## Packaging Unit

Bulk (1000 pcs.)