

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

new



UL 248-14 · 250V · Time-Lag T



Description

- Up to 30 A, low resistance
- Ceramic Tube

Standards

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

Approvals

- 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

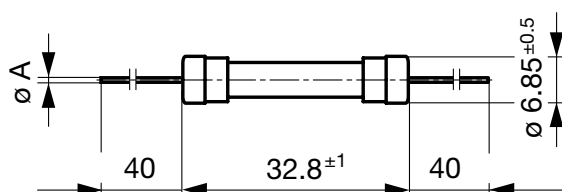
Rated Voltage	250V
Rated current	12 - 30A
Breaking Capacity	500A
Characteristic	Time-Lag T
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Tube	Ceramic
Material: Endcaps	Nickel-Plated Brass
Material: Axial Leads	Tin-Plated Copper
Material: Filler	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 Soldering Profile
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

6.3 mm



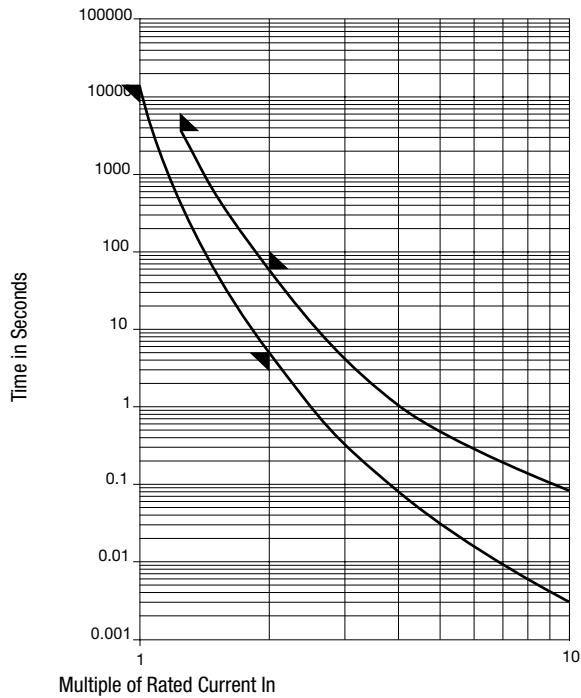
$I_n = 12\text{ A}$: $\varnothing A = 0.8\text{ mm}$

$I_n \geq 15\text{ A}$: $\varnothing A = 1.0\text{ mm}$

Pre-Arcing Time

Rated Current In	1.0 x In min.	1.35 x In max.	2.0 x In min.	2.0 x In max.
12 A - 30 A	4 h	60 min	5 s	60 s

Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Cold Resistance typ. [mΩ]	Melting I ² t 10.0 Intyp. [A ² s]	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.)
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