

Excellent Integrated System Limited

Stocking Distributor

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[8020.0603.PT](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Non resettable fuses

www.schurter.com/PG01_2

SUT 6.3x32 Pigtail

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](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

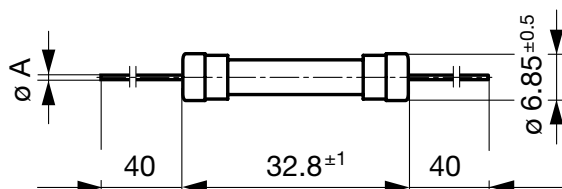
Technical Data

Rated Voltage	250V
Rated current	12 - 30 A
Breaking Capacity	500 A
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

Dimension

6.3 mm



In = 12 A: ØA = 0.8 mm

In ≥ 15 A: ØA = 1.0 mm

Pre-Arcing Time

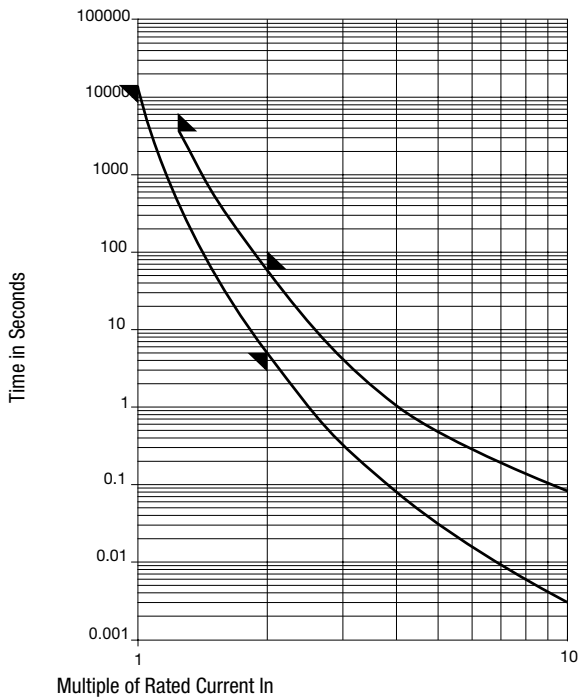
Rated Current In 1.0 x In min. 1.35 x In max. 2.0 x In min. 2.0 x In max.

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



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Cold Resistance typ. [$m\Omega$]	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/Stock-Check/Stock-Check-SCHURTER>

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

Packaging Unit

Bulk (1000 pcs.)