



THE DATASHEET OF
8020.0604.G



Cartridge Fuse, 6.3x32 mm, low resistance, up to 30 A



UL 248-14 · 250 VAC · Time-Lag T

See below:
[Approvals and Compliances](#)

Description

- Up to 30 A, low resistance
- Ceramic Tube

Applications

- Single-phase high current applications up to 30 A


References

Pigtail Type [SUT 6.3x32 Pigtail](#)
 Corresponding Fuseholder [FUA](#); [FUL](#); [FUP](#); [FXP](#); [OGD](#); [CQP](#)

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

Rated Voltage	250 VAC
Rated current	12 - 30 A
Breaking Capacity	500 A
Characteristic	Time-Lag T
Admissible Ambient Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Tube	Ceramics
Material: Endcaps	Nickel-Plated Brass
Material: Filler	Sand
Unit Weight	2.8 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 , Type, Rated current, Rated Voltage, Certification marks


Approvals and Compliances

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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.



Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.
 Approval Reference Type: SUT 6.3x32

Approval Logo	Certificates	Certification Body	Description
	UL Approvals	UL	UR File Number: E184831

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	UL 248-14	Low voltage fuses - Part 14: Supplemental fuses
	Designed according to	CSA22.2 No. 248.14	Low-Voltage Fuses - Part 14: Supplemental Fuses






Application standards

Application standards where the product can be used


Organization	Design	Standard	Description
	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

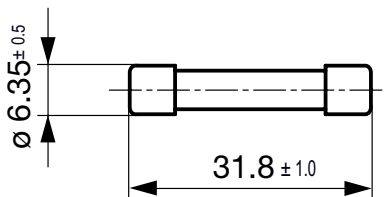
Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	UKCA declaration of conformity	SCHURTER AG	The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008.
	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimension [mm]

 6.3 mm

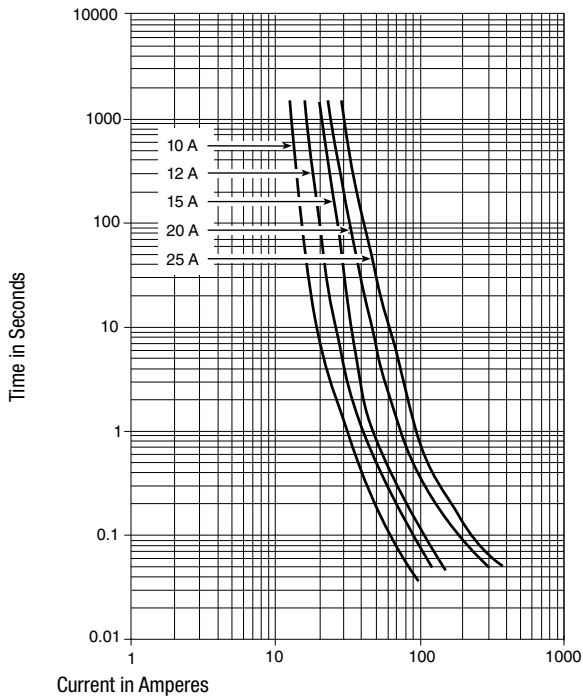


Pre-Arcing Time

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



Variants

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

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

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

Packaging Unit

xxxx.xxxx Small Box Pack (10 pcs.)
 xxxx.xxxx.G Bulk (1000 pcs.)

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View 8020.0604.G on WIN SOURCE](#)

 [Schurter Inc. Information](#)

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