

Miniature Fuse, 6.3 x 32 mm, Quick-Acting F, UL, 250 VAC



## UL 248-14 · 250 VAC · Quick-Acting F

See below:

### Approvals and Compliances

#### Description

- UL Standard Fuse
- Glass Tube

#### Weblinks

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

#### Technical Data

Rated Voltage	125 - 250 VAC
Rated current	0.1 - 15 A
Breaking Capacity	200 A - 10 kA
Characteristic	Quick-Acting F
Mounting	Fuseholder / Clip
Admissible Ambient Air Temp.	-55 °C to 125 °C
Climatic Category	55/125/21 acc. to IEC 60068-1
Material: Tube	Glass
Material: Endcaps	Nickel-Plated Copper Alloy
Unit Weight	1.8 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Rated current, Rated Voltage, Characteristic, 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: FSF 6.3x32

Approval Logo	Certificates	Certification Body	Description
	<a href="#">UL Approvals</a>	UL	UL File Number: E42088
	<a href="#">CSA Approvals</a>	CSA	CSA Certification Record:

#### Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	UL 248-14	Low voltage fuses - Part 14: Additional 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

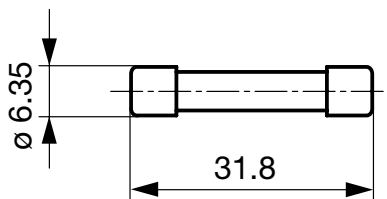
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.

## Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	<a href="#">CE declaration of conformity</a>	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.
	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]

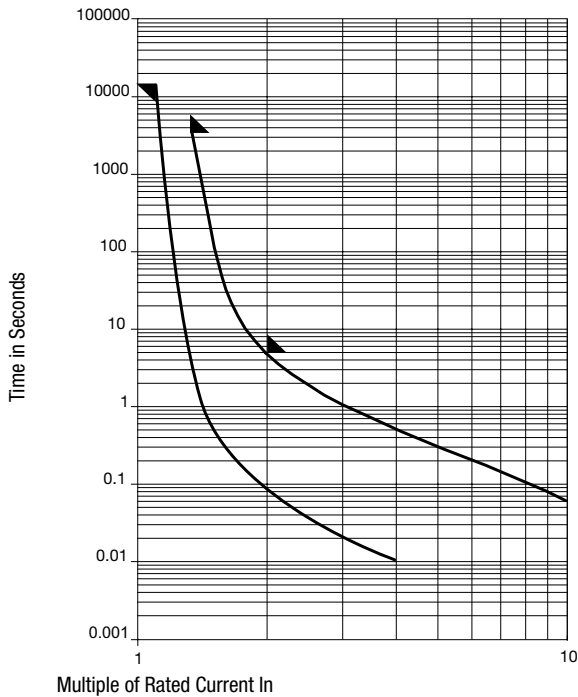


## Pre-Arcing Time

Rated Current  $I_n$     1.1 x  $I_n$  min.    1.35 x  $I_n$  max.    2.0 x  $I_n$  max.

0.1 A - 15 A	4 h	60 min	5 s
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Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I <sub>n</sub> max. [mV]	Power Dissipation 1.1 I <sub>n</sub> typ. [mW]	Melting I <sup>2</sup> t 10.0 I <sub>n</sub> typ. [A <sup>2</sup> s]	UL	SP	Order Number
0.1	250	1)	5651	930	0.002	●	●	0034.5107
0.125	250	1)	5200	1050	0.003	●	●	0034.5108
0.2	250	1)	4500	1430	0.01	●	●	0034.5113
0.25	250	1)	4200	1800	0.019	●	●	0034.5114
0.3	250	1)	4100	1880	0.034	●	●	0034.5115
0.375	250	1)	4000	2250	0.055	●	●	0034.5117
0.5	250	1)	450	330	0.11	●	●	0034.5119
0.75	250	1)	389	420	0.17	●	●	0034.5123
1	250	1)	344	560	1.4	●	●	0034.5125
1.25	250	1)	330	600	2.5	●	●	0034.5127
1.6	250	1)	308	750	4.4	●	●	0034.5129
2	250	1)	250	900	7.6	●	●	0034.5131
2.5	250	1)	240	1020	13	●	●	0034.5133
3	250	1)	239	1140	23	●	●	0034.5135
4	250	1)	203	1500	40	●	●	0034.5138
5	250	1)	178	2000	70	●	●	0034.5139
6	250	1)	177	2100	123	●	●	0034.5140
7	250	1)	171	2250	162	●	●	0034.5143
8	250	1)	165	2550	214	●	●	0034.5144
10	250	1)	162	2850	372	●	●	0034.5145
12	125	2)	157	3450	597	●	●	0034.5146
15	125	2)	150	3900	1023	●	●	0034.5147

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

1) 10 kA @ 125 VAC , p.f. = 0.7 - 0.8 / 200 A @ 250 VAC , p.f. = 0.7 - 0.8

2) 10 kA @ 125 VAC , p.f. = 0.7 - 0.8

**Packaging Unit**      Small Box Pack (10 pcs.)

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