

Miniature Fuse, 6.3 x 32 mm, Super-Quick-Acting FF, 250 VAC




250 VAC · Super-Quick-Acting FF

See below:
[Approvals and Compliances](#)

Applications
 - Semiconductor protection
 - Test equipment

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

Technical Data

Rated Voltage	250 VAC
Rated current	1.6 - 16 A
Breaking Capacity	1500 A
Characteristic	Super-Quick-Acting FF
Mounting	Fuseholder / Clip
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Tube	Glass
Material: Endcaps	Nickel-Plated Copper Alloy
Unit Weight	2.54 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Rated current, Rated Voltage, Characteristic, Approvals

Resistance to Vibration	acc. to IEC 60068-2-6, test Fc
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Approvals and Compliances

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





Application standards

Application standards where the product can be used

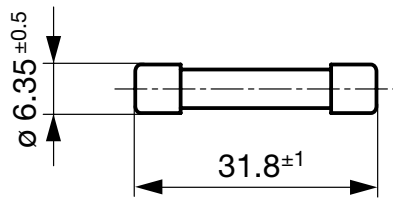
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

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.
	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
	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.

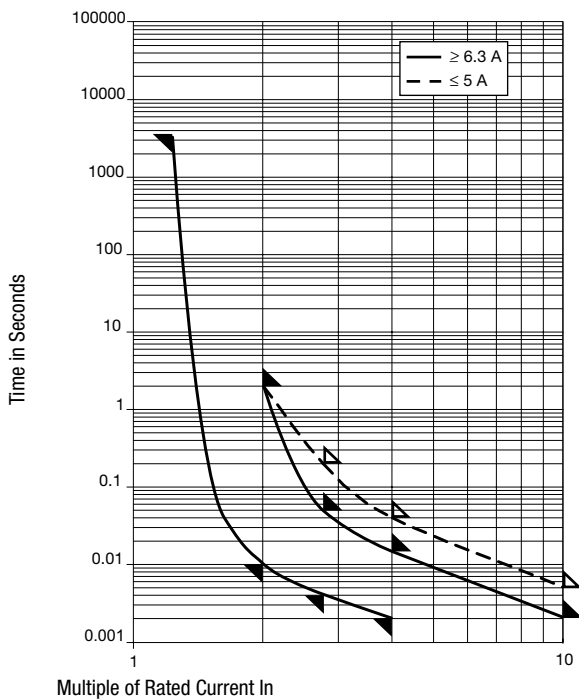
Dimension [mm]



Pre-Arcing Time

Rated Current I_n	1.2 x I_n min.	2.0 x I_n min.	2.0 x I_n max.	2.75 x I_n min.	2.75 x I_n max.	4.0 x I_n min.	4.0 x I_n max.	10.0 x I_n max.
1.6 A - 5 A	60 min	10 ms	2 s	4 ms	200 ms	2 ms	40 ms	5 ms
6.3 A - 16 A	60 min	10 ms	2 s	4 ms	50 ms	2 ms	15 ms	2 ms

Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I_n max. [mV]	Voltage Drop 1.0 I_n typ. [mV]	Power Dissipation 1.5 I_n typ. [mW]	Melting I^2t 10.0 Intyp. [A ² s]	Order Number
1.6	250	1)	700	500	1400	0.5	0034.1001
2	250	1)	600	470	1600	1.2	0034.1002
2.5	250	1)	600	440	2000	2	0034.1003
3.15	250	1)	600	370	2100	4	0034.1004
3.5	250	1)	500	450	2700	7	0034.1005

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In max. [mV]	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.5 I _n typ. [mW]	Melting P't 10.0 Intyp. [A ² s]	Order Number
4	250	1)	500	450	3200	10	0034.1006
5	250	1)	400	330	3300	13	0034.1007
6.3	250	1)	400	200	2400	7	0034.1008
8	250	1)	350	220	3600	8	0034.1009
10	250	1)	350	190	3600	12	0034.1010
12.5	250	1)	300	160	4600	19	0034.1011
16	250	1)	200	180	6600	41	0034.1012

■ Most Popular.

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

1) 1500 A @ 250 VAC , p.f. = 0.7 - 0.8

Packaging Unit Small Box Pack (10 pcs.)