

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



250 VAC · Super-Quick-Acting FF

See below:

[Approvals and Compliances](#)

References


Last order date: 30.04.2021

We recommend for new applications [SHF 6.3x32](#)

Weblinks

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

Technical Data

Rated Voltage	250 VAC	Resistance to Vibration	acc. to IEC 60068-2-6, test Fc
Rated current	1.6 - 16A		
Breaking Capacity	1500A		
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, 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.






Application standards

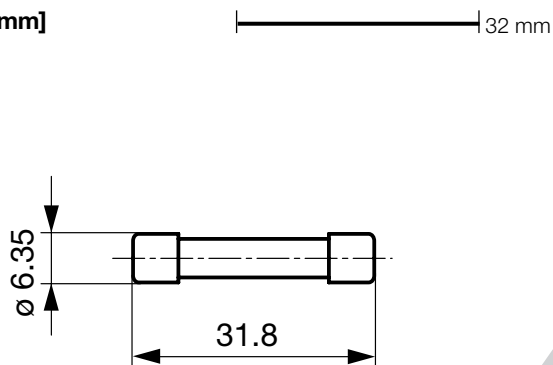
Application standards where the product can be used

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

Compliances

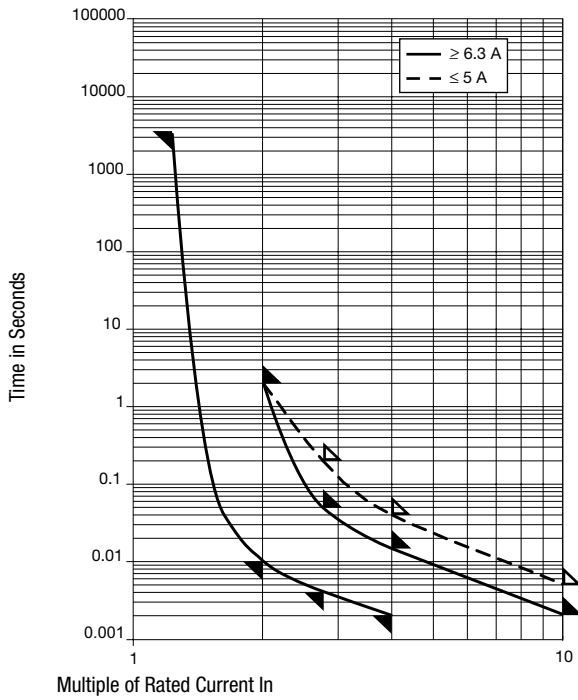
The product complies with following Guide Lines

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]**Pre-Arcing Time**

Rated Current In	1.2 x In min.	2.0 x In min.	2.0 x In max.	2.75 x In min.	2.75 x In max.	4.0 x In min.	4.0 x In max.	10.0 x In 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 ² t 10.0 I _n typ. [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
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

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.)