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
Not recommended for new designs

Weblinks
pdf data sheet, 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, Certification marks

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

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
IEC	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
CE	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 COMPLIANT	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
50	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	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]

32 mm

Ø 6.35

31.8
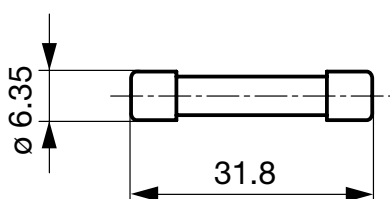
Pre-Arcing Time

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

≥ 6.3 A
≤ 5 A

Time in Seconds

Multiple of Rated Current In
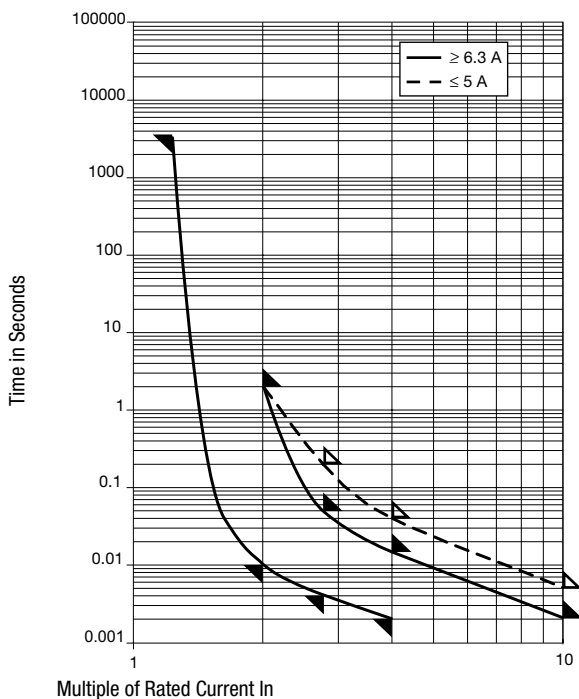
All Variants

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 I_n typ. [A²s]	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	▍

▍ 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.)