

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



Same image is used for FST 5x20

250 VAC · Quick-Acting F

See below:
[Approvals and Compliances](#)

References

We recommend for new applications the type [FSF 6.3x32 \(UL\)](#)

Weblinks

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

Technical Data

Rated Voltage	250VAC	Resistance to Vibration	acc. to IEC 60068-2-6, test Fc
Rated current	0.1 - 10A		
Breaking Capacity	35A - 100A		
Characteristic	Quick-Acting F		
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	1.85 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.

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC 60127-2/4	Miniature fuses. Part 2. Cartridge fuse links




Application standards

Application standards where the product can be used

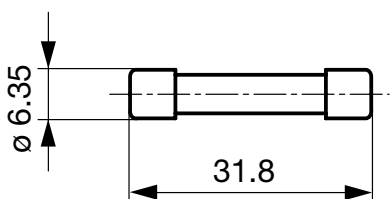
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	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.

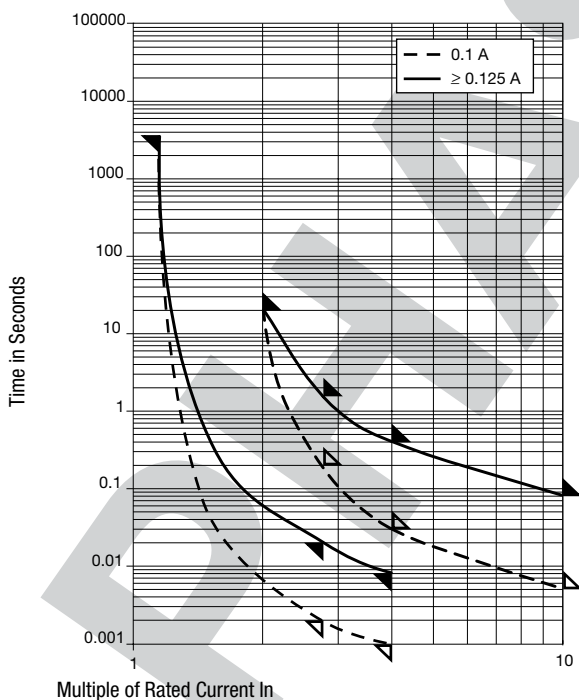
Dimension [mm] 



Pre-Arcing Time

Rated Current I_n	1.15 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.
0.1 A	60 min	20 s	2 ms	200 ms	1 ms	30 ms	5 ms
0.125 A - 10 A	60 min	20 s	20 ms	1.5 s	8 ms	400 ms	80 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 1.15 I _n typ. [mW]	Melting I ² t 10.0 I _n typ. [A ² s]	Order Number
0.1	250	1)	6000	4200	600	-	0034.1736
0.125	250	1)	5500	3600	600	0.03	0034.1737
0.16	250	1)	5000	1700	600	0.05	0034.1738
0.2	250	1)	4000	3500	1000	0.03	0034.1739
0.25	250	1)	3500	2300	900	0.006	0034.1740
0.315	250	1)	3000	2000	900	0.001	0034.1741
0.4	250	1)	2500	1700	900	0.002	0034.1742
0.5	250	1)	2000	1700	1400	0.08	0034.1743
0.63	250	1)	1800	1400	1500	0.005	0034.1744
0.8	250	1)	1500	1300	1500	3.4	0034.1745
1	250	1)	500	370	500	0.7	0034.1746
1.25	250	1)	400	350	600	1.8	0034.1747
1.6	250	1)	400	350	600	3.1	0034.1748
2	250	1)	300	280	1000	4.5	0034.1749
2.5	250	1)	250	240	900	9.7	0034.1750
3.15	250	1)	250	230	1900	6.6	0034.1751
4	250	2)	250	230	1400	30.6	0034.1752
5	250	2)	200	180	2000	45	0034.1753
6.3	250	2)	200	140	1400	80	0034.1754
8	250	2)	200	200	2700	90	0034.1755
10	250	2)	200	180	3100	160	0034.1756

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

1) IEC: L = 35 A @ 250 VAC

2) IEC: L = 10 In @ 250 VAC

Packaging Unit

Small Box Pack (10 pcs.)

Non resettable fuses
www.schurter.com/PG999

FSF 6.3x32

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



250 VAC · Quick-Acting F



Standards

- IEC 60127-2/4

Approvals

- CSA File Number: 51172

Applications

- Industrial electronic

References

We recommend for new applications the type FSF 6.3x32 (UL)
 Last order date: 31.12.2013

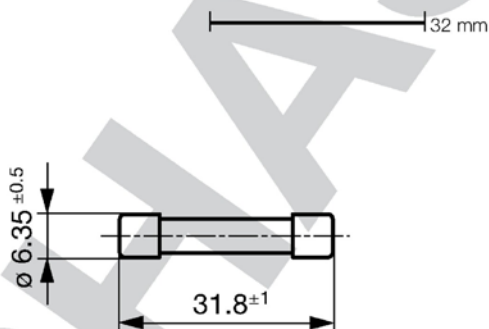
Weblinks

pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Detailed request for product

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Product Marking	☐, Current, Rated voltage, Characteristic, Approvals		

Dimension



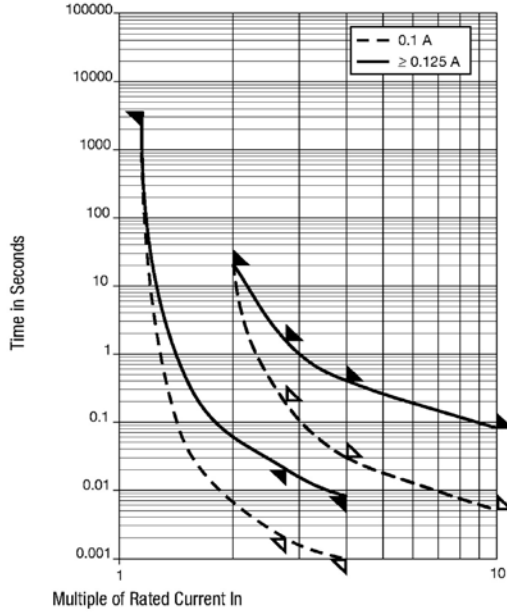
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FSF 6.3x32

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Packaging Unit Small Box Pack (10 pcs.)