

Miniature Fuse, 6.3 x 32 mm, Time-Lag T, 250 VAC



Same image is used for FST 5x20

250 VAC · Time-Lag T

See below:
[Approvals and Compliances](#)

References

Last order date: 30.04.2021
We recommend for new applications [SHT 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	0.25 - 20 A		
Breaking Capacity	35 A - 200 A		
Characteristic	Time-Lag T		
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	2.02 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

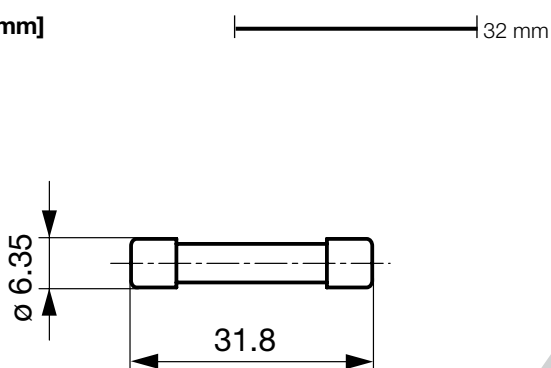
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

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.

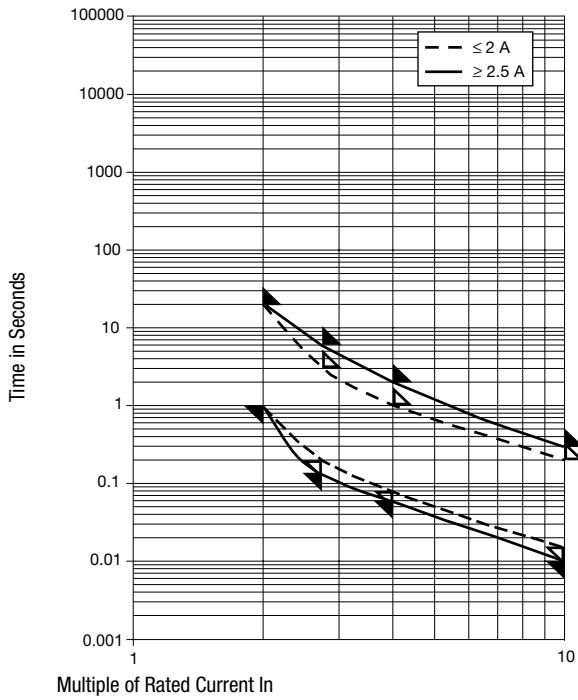
Dimension [mm]



Pre-Arcing Time

Rated Current In	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 min.	10.0 x In max.
0.25 A - 2 A	800 ms	20 s	150 ms	3 s	60 ms	1 s	10 ms	200 ms
2.5 A - 20 A	800 ms	20 s	200 ms	6 s	80 ms	2 s	15 ms	300 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 I²t 10.0 I _n typ. [A²s]	Order Number
0.25	250	1)	1200	590	200	0.4	0034.3411
0.315	250	1)	900	200	100	0.13	0034.3412
0.4	250	1)	650	180	100	0.3	0034.3413
0.5	250	1)	550	140	100	0.5	0034.3414
0.63	250	1)	450	140	100	1.2	0034.3415
0.8	250	1)	320	140	100	2.2	0034.3416
1	250	1)	270	140	200	3.6	0034.3417
1.25	250	1)	250	100	200	7	0034.3418
1.6	250	1)	200	100	200	15	0034.3419
2	250	1)	200	90	200	27	0034.3420
2.5	250	1)	200	80	300	48	0034.3421
3.15	250	1)	200	80	300	72	0034.3422
4	250	2)	200	80	400	131	0034.3423
5	250	2)	200	80	500	218	0034.3424
6.3	250	2)	200	80	700	300	0034.3425
8	250	2)	200	120	1500	500	0034.3426
10	250	2)	200	110	1600	670	0034.3427
12.5	250	2)	180	100	1700	1070	0034.3428
16	250	2)	150	90	2200	1720	0034.3429
20	250	2)	150	100	3300	3520	0034.3430

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

1) 35 A @ 250 VAC , p.f. = 1.0

2) 10 I_n @ 250 VAC, p.f. = 1.0

Packaging Unit

Small Box Pack (10 pcs.)

PHASE-OUT

09.12.2021