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
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	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

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

⌀ 6.35

31.8
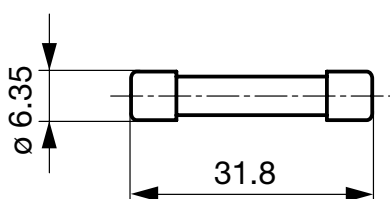
Pre-Arcing Time

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

Time in Seconds

Multiple of Rated Current In

≤ 2 A
≥ 2.5 A
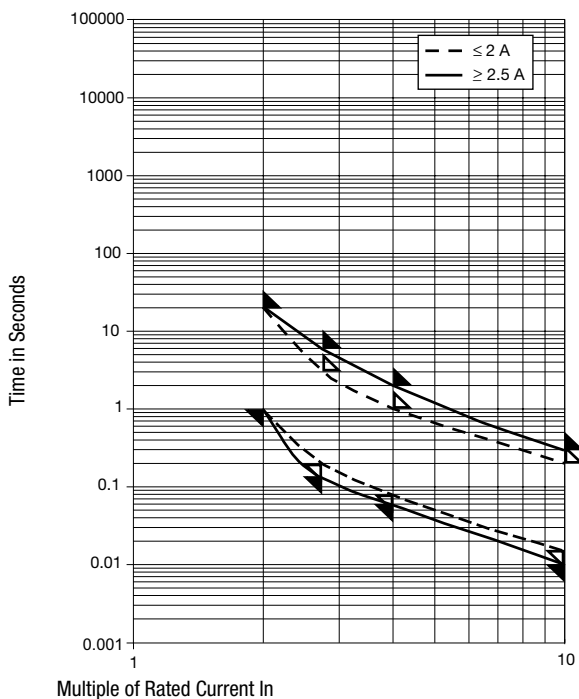
All Variants

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^2t 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	▊

▊ Most Popular.

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 In @ 250 VAC, p.f. = 1.0

Packaging Unit Small Box Pack (10 pcs.)

17.08.2020