

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



0.5 - 8 A



10 - 32 A

## 250 VAC · Time-Lag T

See below:

[Approvals and Compliances](#)

### Description

- Available on request
- H = High Breaking Capacity
- UL Standard Fuse

### References


Corresponding Fuseholder [FAC](#); [FAU](#); [FEC](#); [FEU](#); [FEU \(Grip\)](#); [FEU \(Med\)](#); [FUA](#); [FUL](#); [FUP](#); [FXP](#); [OGD](#); [CQP](#)

We recommend for new applications the type [SHT 6.3x32](#)

### Weblinks

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

### Technical Data

Rated Voltage	150 - 250VAC, 48 - 63 VDC
Rated current	0.5 - 32 A
Breaking Capacity	1 kA - 20 kA
Characteristic	Time-Lag T
Mounting	Fuseholder / Clip
Admissible Ambient Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Tube	Glass with sand filling (1-8 A), ceramic with sand filling (10-32 A)
Material: Endcaps	Copper alloy, nickel-plated
Unit Weight	2.45 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.

### Approvals



The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: SPT 6.3x32

Approval Logo	Certificates	Certification Body	Description
	<a href="#">UL Approvals</a>	UL	UR File Number: E42088


### Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	UL 248-14	Low voltage fuses - Part 14: Supplemental fuses
	Designed according to	CSA22.2 No. 248.14	Low-Voltage Fuses - Part 14: Supplemental Fuses






Application standards

Application standards where the product can be used

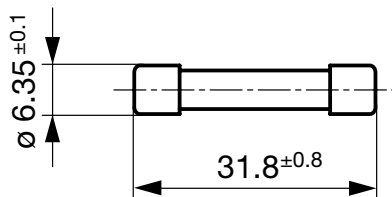
Organization	Design	Standard	Description
	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	<a href="#">CE declaration of conformity</a>	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.
	<a href="#">UKCA declaration of conformity</a>	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.
	<a href="#">RoHS</a>	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	<a href="#">China RoHS</a>	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.
	<a href="#">REACH</a>	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.

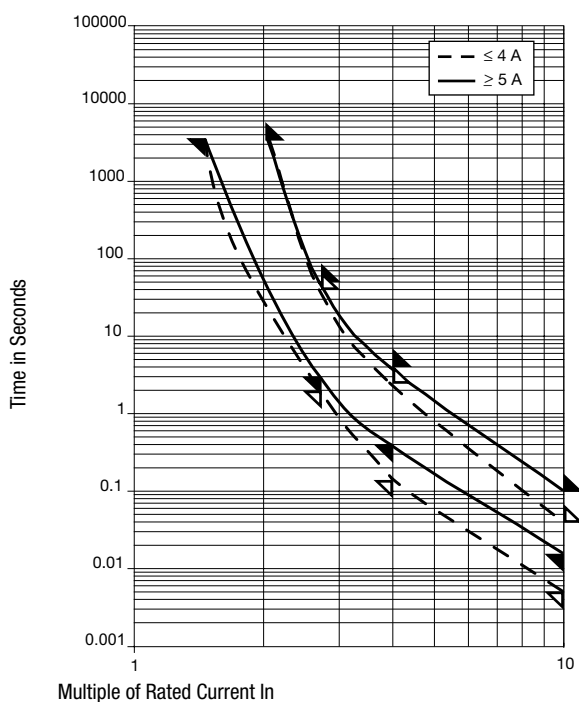
Dimension [mm]




Pre-Arcing Time

Rated Current In	1.1 x In min.	1.9 x In max.	2.1 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.
0.5 A - 4 A	>4 h		60 min	2 s	40 s	150 ms	2.5 s	5 ms	40 ms
5 A - 16 A	>4 h	60 min		3 s	50 s	400 ms	4 s	15 ms	100 ms
20 A - 25 A		60 min		3 s	50 s	400 ms	4 s	15 ms	100 ms
32 A		60 min							

## Time-Current-Curves



## Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I <sub>n</sub> max. [mV]	Voltage Drop 1.0 I <sub>n</sub> typ. [mV]	Power Dissipation 1.5 I <sub>n</sub> typ. [mW]	Melting I <sup>2</sup> t 10.0 I <sub>n</sub> typ. [A <sup>2</sup> s]		Order Number
0.5	250	1)	2500	2400	3100	0.3	●	0001.2521
0.8	250	1)	1200	490	1000	0.5	●	0001.2523
1.25	250	1)	700	170	500	2.5	●	0001.2525
1.6	250	1)	500	240	1000	4.2	●	0001.2526
2	250	1)	400	200	1100	13	●	0001.2527
2.5	250	1)	350	150	1000	18	●	0001.2528
3.15	250	1)	300	160	1500	33	●	0001.2529
4	250	1)	250	130	1500	53	●	0001.2530
5	250	1)	250	110	1500	127	●	0001.2531
6.3	250	1)	250	110	1900	224	●	0001.2532
8	250	1)	200	70	1600	360	●	0001.2533
10	250	1)	200	70	2000	805	●	0001.2534
12.5	250	2)	200	70	2300	1024	●	0001.2535
16	250	2)	150	70	3800	1690	●	0001.2536
20	250	2)	150	70	4300	2670	●	0001.2537
25	150	3)	150	70	5100	1390	●	0001.2538
32	150	4)	150	70	8600	2600	●	0001.2539

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

1) IEC: 1500 A @ 250 VAC, p.f. = 0.7 - 0.8

1) UL: 1500 A @ 250 VAC, p.f. = 0.7 - 0.8 / 10 kA @ 125 VAC, p.f. = 0.7 - 0.8 / 20 kA @ 63 VDC

2) UL: 1000 A @ 250 VAC, p.f. = 0.95 - 1.0 / 20 kA @ 63 VDC

3) UL: 1000 A @ 150 VAC, p.f. = 0.95 - 1.0 / 20 kA @ 63 VDC

4) UL: 1000 A @ 150 VAC, p.f. = 0.95 - 1.0 / 20 kA @ 48 VDC

## Packaging Unit

Small Box Pack (10 pcs.)