

Miniature Fuse, 6.3 x 32 mm, Super-Quick-Acting FF, 500 VAC



UL 248-14 · 500 VAC · Super-Quick-Acting FF

See below:

Approvals and Compliances

Description

- High breaking capacity
- Current ratings above 12.5 A not China-RoHS compliant

Applications

- Semiconductor protection
- Test equipment

Weblinks

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

Technical Data

Rated Voltage	500 VAC
Rated current	0.1 - 12.5 A
Breaking Capacity	10 kA - 150 kA
Characteristic	Super-Quick-Acting FF
Mounting	Fuseholder / Clip
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/56 acc. to IEC 60068-1
Material: Tube	Ceramics
Unit Weight	3 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Type, Rated current, Rated Voltage, 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: A12FA

Approval Logo	Certificates	Certification Body	Description
	UL Approvals	UL	UL File Number: E132506

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	UL 248-14	Low voltage fuses - Part 14: Additional fuses

Application standards

Application standards where the product can be used

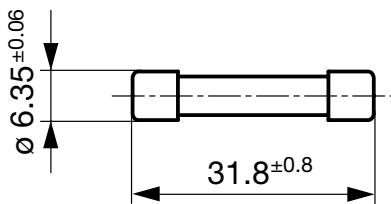
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	CE 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	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.

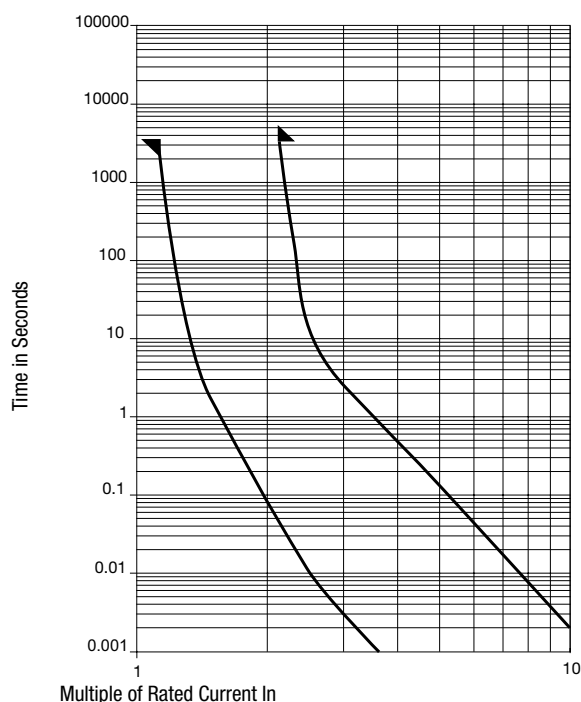
Dimension [mm]  32 mm



Pre-Arcing Time

Rated Current In	1.1 x In min.	2.1 x In max.
0.1 A - 12.5 A	60 min	60 min

Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I _n typ. [mV]	Power Dissipation 1.5 I _n typ. [mW]	Melting I ² t 10.0 I _n typ. [A ² s]		Order Number
0.1	500	1)	2600	1500	0.0017	●	7022.0500
0.125	500	1)	2300	1500	0.0033	●	7022.0510
0.315	500	1)	2150	4100	0.027	●	7022.0550
0.4	500	1)	2750	2850	0.025	●	7022.0560
0.5	500	1)	2850	3650	0.045	●	7022.0570
0.63	500	1)	2000	3200	0.11	●	7022.0580
0.8	500	1)	2050	4150	0.18	●	7022.0590
1	500	1)	1750	4450	0.41	●	7022.0600
1.25	500	1)	740	4150	0.22	●	7022.0610
1.6	500	1)	570	3050	0.5	●	7022.0620
2	500	1)	615	4500	0.89	●	7022.0630
2.5	500	1)	465	4350	1.8	●	7022.0640
3.15	500	1)	440	5000	3.4	●	7022.0650
4	500	1)	335	4800	8.4	●	7022.0660
5	500	2)	395	7700	12	●	7022.0670
6.3	500	2)	170	3000	34	●	7022.0680
8	500	2)	135	3000	12	●	7022.0690
10	500	2)	155	4750	30	●	7022.0700
12.5	500	2)	180	-	26	●	7022.0710

Most Popular.

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

1) 150 kA @ 500 VAC , p.f. ≥ 0.2

2) 10 kA @ 500 VAC , p.f. ≥ 0.7

Packaging Unit Small Box Pack (10 pcs.)