

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



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



Description

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

Standards

- UL 248-14

Approvals

- UL File Number: E132506

Applications

- Semiconductor protection
- Test equipment

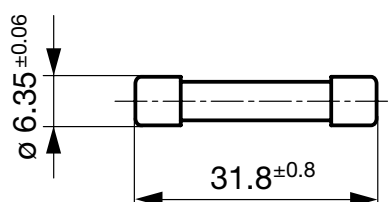
Weblinks

[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](#)

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	Ceramic
Unit Weight	3 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Type, Current, Rated voltage, Approvals

Dimension

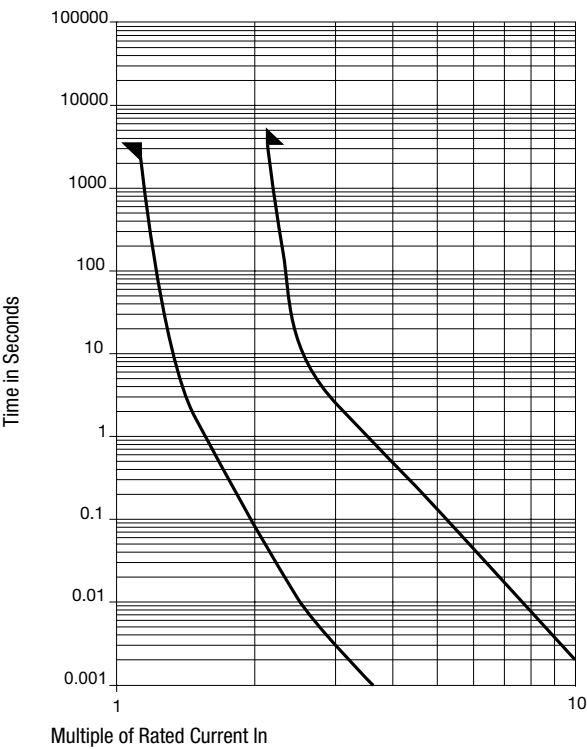


Pre-Arcing Time

Rated Current I_n 1.1 x I_n min. 2.1 x I_n max.

0.1 A - 12.5 A	60 min	60 min
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Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.5 In typ. [mW]	Melting I ² t 10.0 Intyp. [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

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Availability for all products can be searched real-time:<http://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.)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schurter:

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[7022.0630](#) [7022.0620](#)