

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

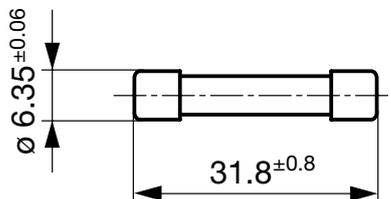
Weblinks

[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	500VAC
Rated current	0.1 - 12.5A
Breaking Capacity	10kA - 150kA
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, Rated current, Rated voltage, Approvals

Dimension

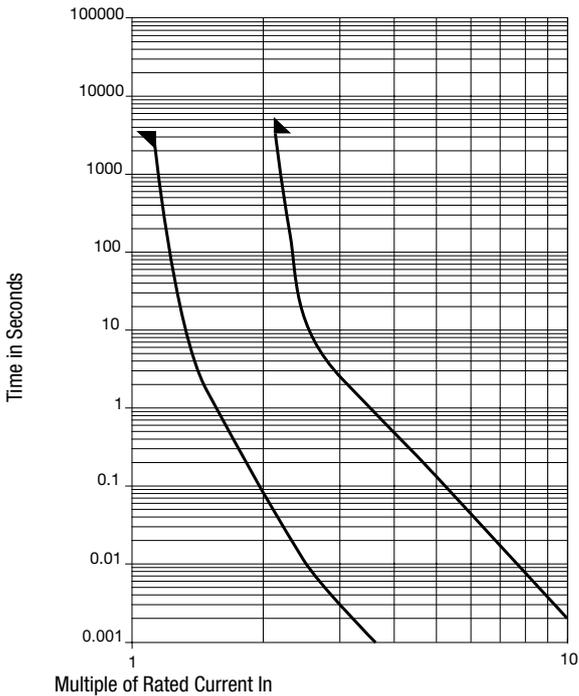


Pre-Arcing Time

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

0.1 A - 12.5 A	60 min	60 min
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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 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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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:

[7022.0700](#) [7022.0710](#) [7022.0690](#) [7022.0600](#) [7022.0660](#) [7022.0680](#) [7022.0640](#) [7022.0570](#) [7022.0670](#) [7022.0650](#)
[7022.0630](#) [7022.0620](#)