

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

**References**

[General Product Information](#)

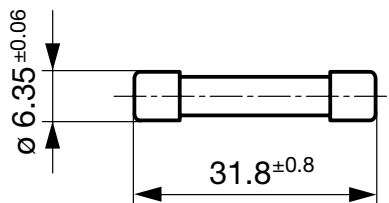
**Weblinks**

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [Distributor-Stock-Check](#), [Accessories](#), [Product Change Notification \(PCN\)](#)

**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, Voltage, Approvals

**Dimensions**




**Pre-Arcing Time**

Rated Current  $I_n$     1.0 x  $I_n$  min.    1.5 x  $I_n$  min.    2.1 x  $I_n$  max.

0.1 A - 8 A	-	60 min	60 min
10 A - 12.5 A	60 min	-	60 min

## Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	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 Intyp. [A <sup>2</sup> s]		Order Number
0.1	500	1)	2600	1500	0.0017	●	7022.0500
0.125	500	1)	2300	1500	0.0033	●	7022.0510
0.16	500	1)	1700	1400	0.0064	●	7022.0520
0.2	500	1)	1500	1200	0.013	●	7022.0530
0.25	500	1)	1500	2200	0.019	●	7022.0540
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

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.)

## Time-Current-Curves

