

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



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



Description

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

Standards

- UL 248-14

Approvals

- Approval Reference Type: A12FA
- UL File Number: E132506

Applications

- Semiconductor protection
- Test equipment

Weblinks

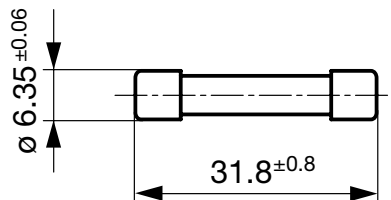
[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

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, Rated current, Rated Voltage, Approvals |

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

Dimension [mm]

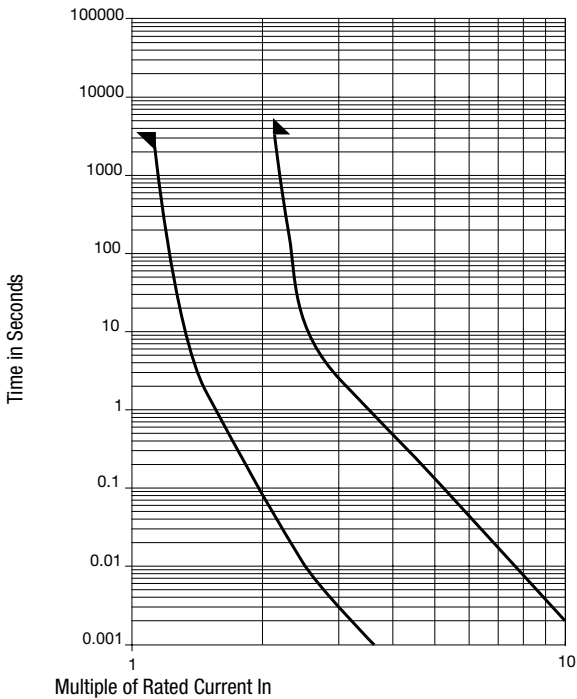


Pre-Arcing Time

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 |
|----------------|--------|--------|

Time-Current-Curves



All Variants

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 In 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 |

Most Popular.

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.)