

Miniature Fuse, 6.3 x 32 mm, Super-Quick-Acting FF, 250 VAC



250 VAC · Super-Quick-Acting FF




**Applications**

- Semiconductor protection
- Test equipment

**Weblinks**

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

**Technical Data**

|                              |   |
|------------------------------|---|
| Rated Voltage                | 250VAC  |
| Rated Current                | 1.6 - 16A   |
| Breaking Capacity            | 1500A   |
| Characteristic               | Super-Quick-Acting FF   |
| Mounting                     | Fuseholder / Clip   |
| Admissible Ambient Air Temp. | -40 °C to 85 °C   |
| Climatic Category            | 40/085/21 acc. to IEC 60068-1   |
| Material: Tube               | Glass   |
| Material: Endcaps            | Nickel-Plated Copper Alloy  |
| Unit Weight                  | 2.54 g  |
| Storage Conditions           | 0 °C to 60 °C, max. 70% r.h.  |
| Product Marking              |  , Current, Dielectric strength, Characteristic, Approvals |

|                         |                                |
|-------------------------|--------------------------------|
| Resistance to Vibration | acc. to IEC 60068-2-6, test Fc |
|-------------------------|--------------------------------|

**Dimensions**



**Pre-Arcing Time**

| Rated Current In | 1.2 x In min. | 2.0 x In min. | 2.0 x In max. | 2.75 x In min. | 2.75 x In max. | 4.0 x In min. | 4.0 x In max. | 10.0 x In max. |
|------------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| 1.6 A - 5 A      | 60 min        | 10 ms         | 2 s           | 4 ms           | 200 ms         | 2 ms          | 40 ms         | 5 ms           |
| 6.3 A - 16 A     | 60 min        | 10 ms         | 2 s           | 4 ms           | 50 ms          | 2 ms          | 15 ms         | 2 ms           |

## Variants

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 In max. [mV] | Voltage Drop 1.0 In 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 |
|-------------------|---------------------|-------------------|-------------------------------|-------------------------------|--|---|--------------|
| 1.6               | 250                 | 1)                | 700                           | 500                           | 1400   | 0.5   | 0034.1001    |
| 2                 | 250                 | 1)                | 600                           | 470                           | 1600   | 1.2   | 0034.1002    |
| 2.5               | 250                 | 1)                | 600                           | 440                           | 2000   | 2   | 0034.1003    |
| 3.15              | 250                 | 1)                | 600                           | 370                           | 2100   | 4   | 0034.1004    |
| 3.5               | 250                 | 1)                | 500                           | 450                           | 2700   | 7   | 0034.1005    |
| 4                 | 250                 | 1)                | 500                           | 450                           | 3200   | 10  | 0034.1006    |
| 5                 | 250                 | 1)                | 400                           | 330                           | 3300   | 13  | 0034.1007    |
| 6.3               | 250                 | 1)                | 400                           | 200                           | 2400   | 7   | 0034.1008    |
| 8                 | 250                 | 1)                | 350                           | 220                           | 3600   | 8   | 0034.1009    |
| 10                | 250                 | 1)                | 350                           | 190                           | 3600   | 12  | 0034.1010    |
| 12.5              | 250                 | 1)                | 300                           | 160                           | 4600   | 19  | 0034.1011    |
| 16                | 250                 | 1)                | 200                           | 180                           | 6600   | 41  | 0034.1012    |

1) 1500 A @ 250 VAC , p.f. = 0.7 - 0.8

**Packaging Unit**      Small Box Pack (10 pcs.)

## Time-Current-Curves

