

Miniature Fuse, 6.3 x 32 mm, Time-Lag T, Sand, 250 VAC



## 250 VAC · Time-Lag T



### Description

- H = High Breaking Capacity
- UL Standard Fuse

### Standards

- UL 248-14
- CSA C22.2 no. 248.14

### Approvals

- UL File Number: E42088

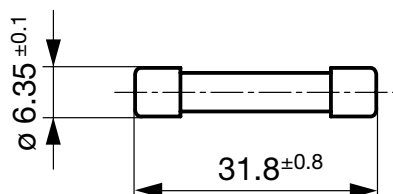
### Weblinks

[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                | 150 - 250 VAC, 48 - 63 VDC                                                                                                            |
| Rated current                | 0.5 - 32 A                                                                                                                            |
| Breaking Capacity            | 1000 A - 1500 A                                                                                                                       |
| Characteristic               | Time-Lag T                                                                                                                            |
| 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 with sand filling                                                                                                               |
| Material: Endcaps            | Nickel-Plated Copper Alloy                                                                                                            |
| Unit Weight                  | 2.45 g                                                                                                                                |
| Storage Conditions           | 0 °C to 60 °C, max. 70% r.h.                                                                                                          |
| Product Marking              |  Current, Rated voltage, Characteristic, Approvals |

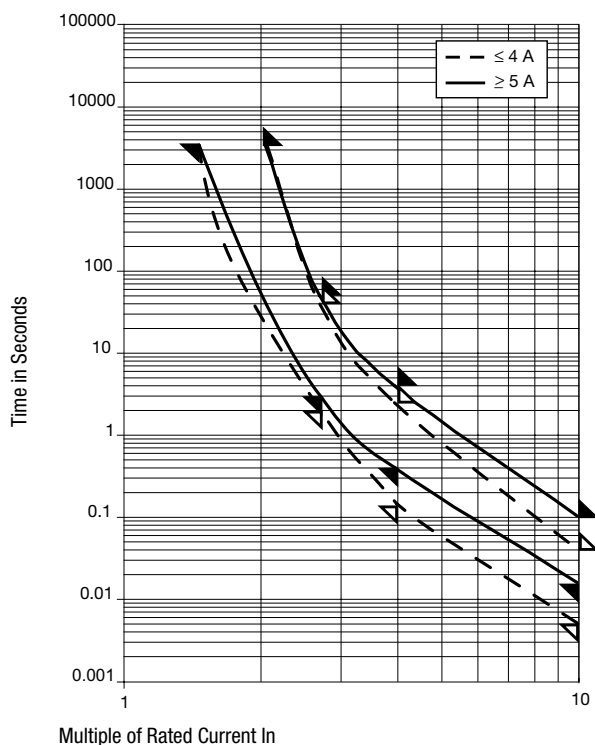
### Dimension



### Pre-Arcing Time

| Rated Current In | 1.1 x In min. | 1.9 x In max. | 2.1 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 min. | 10.0 x In max. |
|------------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|----------------|
| 0.5 A - 4 A      | >4 h          |               | 60 min        | 2 s            | 40 s           | 150 ms        | 2.5 s         | 5 ms           | 40 ms          |
| 5 A - 16 A       | >4 h          | 60 min        |               | 3 s            | 50 s           | 400 ms        | 4 s           | 15 ms          | 100 ms         |
| 20 A - 25 A      |               | 60 min        |               | 3 s            | 50 s           | 400 ms        | 4 s           | 15 ms          | 100 ms         |
| 32 A             |               | 60 min        |               |                |                |               |               |                |                |

## Time-Current-Curves



## Variants

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 I <sub>n</sub> max. [mV] | 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 I <sub>n</sub> typ. [A <sup>2</sup> s] |  | Order Number |
|-------------------|---------------------|-------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------|
| 0.5               | 250                 | 1)                | 2500                                      | 2400                                      | 3100                                           | 0.3                                                                  | ●                                                                                    | 0001.2521    |
| 0.63              | 250                 | 1)                | 2000                                      | 560                                       | 900                                            | 0.3                                                                  | ●                                                                                    | 0001.2522    |
| 0.8               | 250                 | 1)                | 1200                                      | 490                                       | 1000                                           | 0.5                                                                  | ●                                                                                    | 0001.2523    |
| 1                 | 250                 | 1)                | 900                                       | 350                                       | 900                                            | 2.4                                                                  | ●                                                                                    | 0001.2524    |
| 1.25              | 250                 | 1)                | 700                                       | 170                                       | 500                                            | 2.5                                                                  | ●                                                                                    | 0001.2525    |
| 1.6               | 250                 | 1)                | 500                                       | 240                                       | 1000                                           | 4.2                                                                  | ●                                                                                    | 0001.2526    |
| 2                 | 250                 | 1)                | 400                                       | 200                                       | 1100                                           | 13                                                                   | ●                                                                                    | 0001.2527    |
| 2.5               | 250                 | 1)                | 350                                       | 150                                       | 1000                                           | 18                                                                   | ●                                                                                    | 0001.2528    |
| 3.15              | 250                 | 1)                | 300                                       | 160                                       | 1500                                           | 33                                                                   | ●                                                                                    | 0001.2529    |
| 4                 | 250                 | 1)                | 250                                       | 130                                       | 1500                                           | 53                                                                   | ●                                                                                    | 0001.2530    |
| 5                 | 250                 | 1)                | 250                                       | 110                                       | 1500                                           | 127                                                                  | ●                                                                                    | 0001.2531    |
| 6.3               | 250                 | 1)                | 250                                       | 110                                       | 1900                                           | 224                                                                  | ●                                                                                    | 0001.2532    |
| 8                 | 250                 | 1)                | 200                                       | 70                                        | 1600                                           | 360                                                                  | ●                                                                                    | 0001.2533    |
| 10                | 250                 | 1)                | 200                                       | 70                                        | 2000                                           | 805                                                                  | ●                                                                                    | 0001.2534    |
| 12.5              | 250                 | 2)                | 200                                       | 70                                        | 2300                                           | 1024                                                                 | ●                                                                                    | 0001.2535    |
| 16                | 250                 | 2)                | 150                                       | 70                                        | 3800                                           | 1690                                                                 | ●                                                                                    | 0001.2536    |
| 20                | 250                 | 2)                | 150                                       | 70                                        | 4300                                           | 2670                                                                 | ●                                                                                    | 0001.2537    |
| 25                | 150                 | 3)                | 150                                       | 70                                        | 5100                                           | 1390                                                                 | ●                                                                                    | 0001.2538    |
| 32                | 150                 | 4)                | 150                                       | 70                                        | 8600                                           | 2600                                                                 | ●                                                                                    | 0001.2539    |

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

1) UL: 1500 A @ 250 VAC, p.f. = 0.7 - 0.8 / 10 kA @ 125 VAC, p.f. = 0.7 - 0.8 / 20 kA @ 63 VDC

2) UL: 1000 A @ 250 VAC, p.f. = 0.95 - 1.0 / 20 kA @ 63 VDC

3) UL: 1000 A @ 150 VAC, p.f. = 0.95 - 1.0 / 20 kA @ 63 VDC

4) UL: 1000 A @ 150 VAC, p.f. = 0.95 - 1.0 / 20 kA @ 48 VDC

## Packaging Unit

Small Box Pack (10 pcs.)