

Miniature Fuse, 5 x 20 mm, Super-Time-Lag TT, 250 VAC



UL 248-14 · 250VAC · Super-Time-Lag TT



#### Description

- Low Breaking Capacity
- Glass Tube

#### Standards

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

#### Approvals

- UL File Number: E41599

#### References

Assembled Fuseholder OGN-SMD

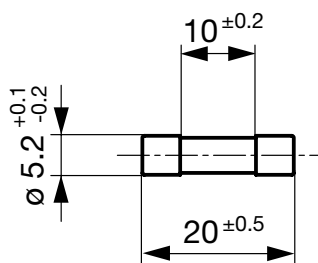
#### Weblinks

[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                | 250 VAC                                                                                                                               |
| Rated current                | 0.063 - 4 A                                                                                                                           |
| Breaking Capacity            | 35 A                                                                                                                                  |
| Characteristic               | Super-Time-Lag TT                                                                                                                     |
| 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                  | 1 g                                                                                                                                   |
| Storage Conditions           | 0 °C to 60 °C, max. 70% r.h.                                                                                                          |
| Product Marking              |  Current, Rated voltage, Characteristic, Approvals |

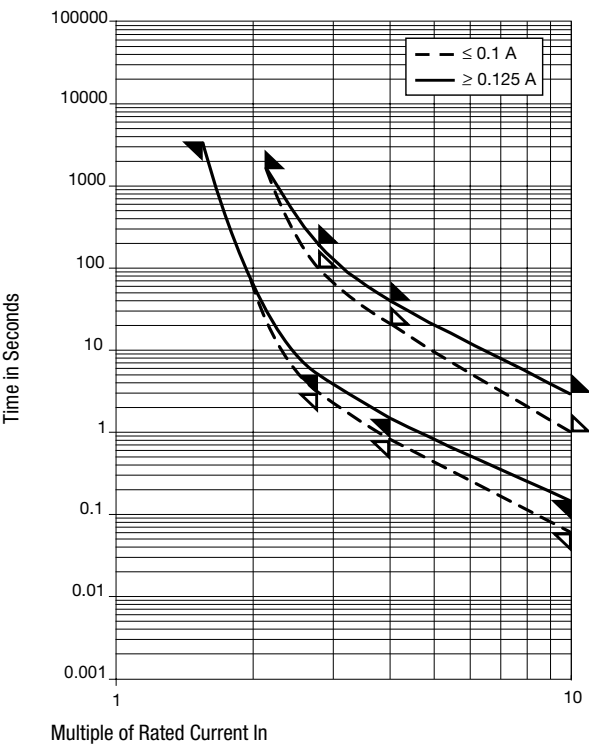
#### Dimension



#### Pre-Arcing Time

| Rated Current In | 1.5 x In min. | 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. |
|------------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|----------------|
| 0.063 A - 0.1 A  | 60 min        | 30 min        | 3 s            | 100 s          | 800 ms        | 20 s          | 60 ms          | 1 s            |
| 0.125 A - 4 A    | 60 min        | 30 min        | 5 s            | 200 s          | 1.5 s         | 40 s          | 150 ms         | 3 s            |

Time-Current-Curves



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 In typ. [mW] | Melting I <sup>2</sup> t 10.0 Intyp. [A <sup>2</sup> s] |  | Order Number |
|-------------------|---------------------|-------------------|-------------------------------|-------------------------------|------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
| 0.063             | 250                 | 1)                | 5000                          | 1000                          | 220                                | 0.037                                                   | ●                                                                                   | 0034.5031    |
| 0.08              | 250                 | 1)                | 4500                          | 980                           | 270                                | 0.032                                                   | ●                                                                                   | 0034.5032    |
| 0.1               | 250                 | 1)                | 4000                          | 870                           | 300                                | 0.14                                                    | ●                                                                                   | 0034.5033    |
| 0.125             | 250                 | 1)                | 3000                          | 500                           | 270                                | 0.259                                                   | ●                                                                                   | 0034.5034    |
| 0.16              | 250                 | 1)                | 2000                          | 450                           | 300                                | 1                                                       | ●                                                                                   | 0034.5035    |
| 0.2               | 250                 | 1)                | 1500                          | 400                           | 330                                | 1.73                                                    | ●                                                                                   | 0034.5036    |
| 0.25              | 250                 | 1)                | 1200                          | 330                           | 350                                | 2.53                                                    | ●                                                                                   | 0034.5037    |
| 0.315             | 250                 | 1)                | 1000                          | 300                           | 360                                | 4.17                                                    | ●                                                                                   | 0034.5038    |
| 0.4               | 250                 | 1)                | 900                           | 225                           | 400                                | 5.2                                                     | ●                                                                                   | 0034.5039    |
| 0.5               | 250                 | 1)                | 800                           | 250                           | 440                                | 7.9                                                     | ●                                                                                   | 0034.5040    |
| 0.63              | 250                 | 1)                | 700                           | 200                           | 470                                | 13.7                                                    | ●                                                                                   | 0034.5041    |
| 0.8               | 250                 | 1)                | 500                           | 160                           | 540                                | 19.6                                                    | ●                                                                                   | 0034.5042    |
| 1                 | 250                 | 1)                | 250                           | 150                           | 540                                | 19.4                                                    | ●                                                                                   | 0034.5043    |
| 1.25              | 250                 | 1)                | 200                           | 130                           | 570                                | 33.3                                                    | ●                                                                                   | 0034.5044    |
| 1.6               | 250                 | 1)                | 200                           | 100                           | 650                                | 87                                                      | ●                                                                                   | 0034.5045    |
| 2                 | 250                 | 1)                | 200                           | 100                           | 800                                | 124                                                     | ●                                                                                   | 0034.5046    |
| 2.5               | 250                 | 1)                | 150                           | 90                            | 850                                | 258                                                     | ●                                                                                   | 0034.5047    |
| 3.15              | 250                 | 1)                | 100                           | 90                            | 1000                               | 395                                                     | ●                                                                                   | 0034.5048    |
| 4                 | 250                 | 1)                | 100                           | 80                            | 1150                               | 410                                                     | ●                                                                                   | 0034.5049    |

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1) 35 A @ 250 VAC

|                |                          |                                                               |
|----------------|--------------------------|---------------------------------------------------------------|
| Packaging Unit | xxxx.xxxx<br>xxxx.xxxx.G | Small Box Pack (10 pcs.)<br>Bulk 128 x 91 x 60 mm (1000 pcs.) |
|----------------|--------------------------|---------------------------------------------------------------|