

Miniature Fuse, 5 x 20 mm, Time-Lag T, cULus, 250 VAC



UL 248-14 · 250 VAC · Time-Lag T

See below:


[Approvals and Compliances](#)**Description**

- UL Standard Fuse
- Low Breaking Capacity

**References**Pigtail Type [FSL 5x20 Pigtail](#)**Weblinks**

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Packaging details](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

**Technical Data**

|                              |   |
|------------------------------|---|
| Rated Voltage                | 250VAC  |
| Rated current                | 0.08 - 3A   |
| Breaking Capacity            | 35A - 10kA  |
| 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   |
| Material: Endcaps            | Nickel-Plated Copper Alloy  |
| Unit Weight                  | 1 g   |
| Storage Conditions           | 0 °C to 60 °C, max. 70% r.h.  |
| Product Marking              |  Type, Rated current, Rated Voltage, Certification marks |

**Approvals and Compliances**


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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

**Approvals**



The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: FSL 5x20

| Approval Logo   | Certificates                 | Certification Body | Description             |
|---|------------------------------|--------------------|-------------------------|
|  | <a href="#">UL Approvals</a> | UL                 | UL File Number: E184831 |

**Product standards**

Product standards that are referenced

| Organization  | Design                | Standard           | Description                                     |
|---|-----------------------|--------------------|---|
|  | Designed according to | UL 248-14          | Low voltage fuses - Part 14: Additional fuses   |
|  | Designed according to | CSA22.2 No. 248.14 | Low-Voltage Fuses - Part 14: Supplemental Fuses |

## Application standards

Application standards where the product can be used

| Organization   | Design                         | Standard     | Description   |
|--|--------------------------------|--------------|---|
|  | Designed for applications acc. | IEC/UL 60950 | IEC 60950-1 includes the basic requirements for the safety of information technology equipment. |

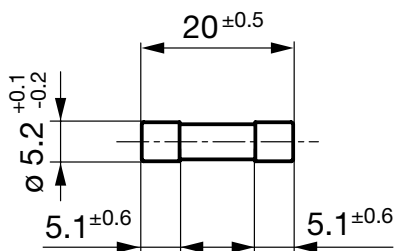
## Compliances

The product complies with following Guide Lines

| Identification   | Details                                      | Initiator   | Description   |
|--|--|-------------|---|
|  | <a href="#">CE declaration of conformity</a> | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | RoHS   | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863  |
|  | China RoHS                                   | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.  |
|  | REACH  | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.                               |

## Dimension [mm]

 20 mm



## Pre-Arcing Time

| Rated Current In | 1.1 x In min. | 1.35 x In max. | 2.0 x In min. | 2.0 x In max. |
|------------------|---------------|----------------|---------------|---------------|
| 0.08 A - 3 A     | 4 h           | 60 min         | 5 s           | 120 s         |

Time-Current-Curves



All Variants

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 I <sub>n</sub> typ. [mV] | Power Dissipation 1.0 I <sub>n</sub> typ. [mW] | Melting It 10.0 I <sub>n</sub> typ. [A <sup>2</sup> s] |  | Order Number |
|-------------------|---------------------|-------------------|---|--|--|---|--------------|
| 0.08              | 250                 | 1)                | 1400                                      | 112  | 0.0367   | ●   | 0034.3761    |
| 0.1               | 250                 | 1)                | 900                                       | 90   | 0.128  | ●   | 0034.3762    |
| 0.125             | 250                 | 1)                | 750                                       | 94   | 0.161  | ●   | 0034.3763    |
| 0.16              | 250                 | 1)                | 460                                       | 74   | 0.122  | ●   | 0034.3765    |
| 0.18              | 250                 | 1)                | 680                                       | 122  | 0.393  | ●   | 0034.3766    |
| 0.2               | 250                 | 1)                | 460                                       | 92   | 0.344  | ●   | 0034.3767    |
| 0.25              | 250                 | 1)                | 310                                       | 78   | 0.29   | ●   | 0034.3768    |
| 0.315             | 250                 | 1)                | 250                                       | 79   | 0.345  | ●   | 0034.3769    |
| 0.4               | 250                 | 1)                | 280                                       | 112  | 0.337  | ●   | 0034.3770    |
| 0.5               | 250                 | 1)                | 200                                       | 100  | 0.73   | ●   | 0034.3771    |
| 0.63              | 250                 | 1)                | 200                                       | 126  | 3.62   | ●   | 0034.3772    |
| 0.75              | 250                 | 1)                | 200                                       | 150  | 5.54   | ●   | 0034.3773    |
| 0.8               | 250                 | 1)                | 200                                       | 160  | 5.12   | ●   | 0034.3774    |
| 1                 | 250                 | 1)                | 200                                       | 200  | 4.52   | ●   | 0034.3775    |
| 1.25              | 250                 | 2)                | 230                                       | 288  | 1.54   | ●   | 0034.3776    |
| 1.5               | 250                 | 2)                | 190                                       | 285  | 2.86   | ●   | 0034.3777    |
| 1.6               | 250                 | 2)                | 190                                       | 304  | 2.93   | ●   | 0034.3778    |
| 2                 | 250                 | 2)                | 180                                       | 360  | 4.45   | ●   | 0034.3779    |
| 2.5               | 250                 | 2)                | 190                                       | 475  | 9.45   | ●   | 0034.3780    |
| 3                 | 250                 | 2)                | 150                                       | 450  | 17.5   | ●   | 0034.3781    |

Most Popular.

Availability for all products can be searched real-time: <https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

- 1) 10 kA @ 125 VAC , p.f. = 0.7 - 0.8 / 35 A @ 250 VAC , p.f. = 0.7 - 0.8
- 2) 10 kA @ 125 VAC , p.f. = 0.7 - 0.8 / 100 A @ 250 VAC , p.f. = 0.7 - 0.8

Packaging Unit

xxxx.xxxx  
 xxxx.xxxx.G

Small Box Pack (10 pcs.)  
 Bulk 128 x 91 x 60 mm (1000 pcs.)

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.



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- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.