

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



Same image is used for FST 5x20

250 VAC · Time-Lag T

See below:  
[Approvals and Compliances](#)

#### References


Last order date: 30.04.2021

We recommend for new applications [SHT 6.3x32](#)

#### Weblinks

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

#### Technical Data

|                              |   |
|------------------------------|---|
| Rated Voltage                | 250 VAC   |
| Rated current                | 0.25 - 20 A   |
| Breaking Capacity            | 35 A - 200 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   |
| Material: Endcaps            | Nickel-Plated Copper Alloy  |
| Unit Weight                  | 2.02 g  |
| Storage Conditions           | 0 °C to 60 °C, max. 70% r.h.  |
| Product Marking              |  , Rated current, Rated Voltage, Characteristic, Certification marks |

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


#### 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.




#### Application standards

Application standards where the product can be used

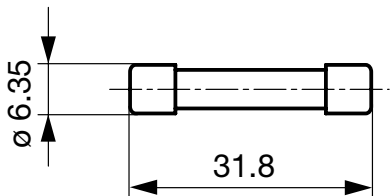
| Organization  | Design                         | Standard       | Description   |
|---|--------------------------------|----------------|---|
|  | Designed for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |

Compliances

The product complies with following Guide Lines

| Identification   | Details                        | Initiator   | Description   |
|--|--------------------------------|-------------|---|
| CE   | CE declaration of conformity   | 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. |
| UK<br>CA   | UKCA declaration of conformity | SCHURTER AG | The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 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.                               |

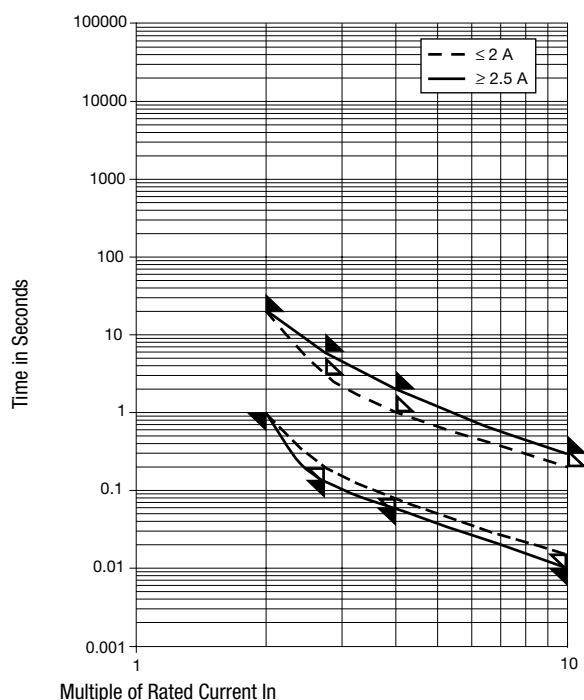
Dimension [mm]



Pre-Arcing Time

| Rated Current In | 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 min. | 10.0 x In max. |
|------------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|----------------|
| 0.25 A - 2 A     | 800 ms        | 20 s          | 150 ms         | 3 s            | 60 ms         | 1 s           | 10 ms          | 200 ms         |
| 2.5 A - 20 A     | 800 ms        | 20 s          | 200 ms         | 6 s            | 80 ms         | 2 s           | 15 ms          | 300 ms         |

## Time-Current-Curves



## All 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 1.15 I <sub>n</sub> typ. [mW] | Melting I²t 10.0 I <sub>n</sub> typ. [A²s] | Order Number |
|-------------------|---------------------|-------------------|---|---|---|--|--------------|
| 0.25              | 250                 | 1)                | 1200                                      | 590                                       | 200   | 0.4  | 0034.3411    |
| 0.315             | 250                 | 1)                | 900                                       | 200                                       | 100   | 0.13                                       | 0034.3412    |
| 0.4               | 250                 | 1)                | 650                                       | 180                                       | 100   | 0.3  | 0034.3413    |
| 0.5               | 250                 | 1)                | 550                                       | 140                                       | 100   | 0.5  | 0034.3414    |
| 0.63              | 250                 | 1)                | 450                                       | 140                                       | 100   | 1.2  | 0034.3415    |
| 0.8               | 250                 | 1)                | 320                                       | 140                                       | 100   | 2.2  | 0034.3416    |
| 1                 | 250                 | 1)                | 270                                       | 140                                       | 200   | 3.6  | 0034.3417    |
| 1.25              | 250                 | 1)                | 250                                       | 100                                       | 200   | 7  | 0034.3418    |
| 1.6               | 250                 | 1)                | 200                                       | 100                                       | 200   | 15   | 0034.3419    |
| 2                 | 250                 | 1)                | 200                                       | 90  | 200   | 27   | 0034.3420    |
| 2.5               | 250                 | 1)                | 200                                       | 80  | 300   | 48   | 0034.3421    |
| 3.15              | 250                 | 1)                | 200                                       | 80  | 300   | 72   | 0034.3422    |
| 4                 | 250                 | 2)                | 200                                       | 80  | 400   | 131  | 0034.3423    |
| 5                 | 250                 | 2)                | 200                                       | 80  | 500   | 218  | 0034.3424    |
| 6.3               | 250                 | 2)                | 200                                       | 80  | 700   | 300  | 0034.3425    |
| 8                 | 250                 | 2)                | 200                                       | 120                                       | 1500  | 500  | 0034.3426    |
| 10                | 250                 | 2)                | 200                                       | 110                                       | 1600  | 670  | 0034.3427    |
| 12.5              | 250                 | 2)                | 180                                       | 100                                       | 1700  | 1070                                       | 0034.3428    |
| 16                | 250                 | 2)                | 150                                       | 90  | 2200  | 1720                                       | 0034.3429    |
| 20                | 250                 | 2)                | 150                                       | 100                                       | 3300  | 3520                                       | 0034.3430    |

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

1) 35 A @ 250 VAC, p.f. = 1.0

2) 10 I<sub>n</sub> @ 250 VAC, p.f. = 1.0

**Packaging Unit**

Small Box Pack (10 pcs.)

PHASE-OUT

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schurter:

|                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                  |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <a href="#"><u>0034.3404</u></a> | <a href="#"><u>0034.3421</u></a> | <a href="#"><u>0034.3417</u></a> | <a href="#"><u>0034.3430</u></a> | <a href="#"><u>0034.3426</u></a> | <a href="#"><u>0034.3410</u></a> | <a href="#"><u>0034.3409</u></a> | <a href="#"><u>0034.3403</u></a> | <a href="#"><u>0034.3423</u></a> | <a href="#"><u>0034.3414</u></a> |
| <a href="#"><u>0034.3427</u></a> | <a href="#"><u>0034.3411</u></a> | <a href="#"><u>0034.3405</u></a> | <a href="#"><u>0034.3407</u></a> | <a href="#"><u>0034.3402</u></a> | <a href="#"><u>0034.3425</u></a> | <a href="#"><u>0034.3401</u></a> | <a href="#"><u>0034.3422</u></a> | <a href="#"><u>0034.3420</u></a> | <a href="#"><u>0034.3429</u></a> |
| <a href="#"><u>0034.3408</u></a> | <a href="#"><u>0034.3416</u></a> | <a href="#"><u>0034.3424</u></a> | <a href="#"><u>0034.3428</u></a> | <a href="#"><u>0034.3413</u></a> | <a href="#"><u>0034.3419</u></a> | <a href="#"><u>0034.3418</u></a> | <a href="#"><u>0034.3406</u></a> | <a href="#"><u>0034.3412</u></a> | <a href="#"><u>0034.3415</u></a> |