

Subminiature Fuse, 8.5 mm, Time-Lag T, 250 VAC, 63 VDC



Subminiature fuse 8.5 mm, time-lag T,  
250 VAC  
Short terminal



Subminiature fuse 8.5 mm, time-lag T,  
250 VAC  
Terminal long  
PCB

## IEC 60127-3 · 250 VAC · Time-Lag T

See below:

### Approvals and Compliances

#### Description

- Directly solderable on printed circuit boards
- Low Breaking Capacity

#### Applications

- Primary Protection on PCB
- Power Supply Adapter for e.g. laptops
- SMPS (Switching Mode Power Supply) for TV's and DVD's

#### References

Corresponding Fuseholder [FMS \(250V\)](#)

Fuse Kit [Fuse Kit MST250 / MSF 250](#)

#### Weblinks

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

#### Technical Data

|                          |                                                                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Voltage            | 250 VAC, 63 VDC                                                                                                                                             |
| Rated current            | 0.05 - 6.3 A                                                                                                                                                |
| Breaking Capacity        | 35 A - 63 A                                                                                                                                                 |
| Characteristic           | Time-Lag T                                                                                                                                                  |
| Mounting                 | PCB, THT                                                                                                                                                    |
| Admissible Ambient Temp. | -55 °C to 125 °C                                                                                                                                            |
| Climatic Category        | 55/125/21 acc. to IEC 60068-1                                                                                                                               |
| Material: Housing        | Thermoplastic, UL 94V-0                                                                                                                                     |
| Material: Terminals      | Tin-Plated Copper                                                                                                                                           |
| Unit Weight              | 0.53 g                                                                                                                                                      |
| Storage Conditions       | 0 °C to 40 °C, max. 70% r.h.                                                                                                                                |
| Product Marking          |  Type, Rated current, Rated Voltage, Characteristic, Certification marks |

|                              |                                                                   |
|------------------------------|-------------------------------------------------------------------|
| Soldering Methods            | Wave<br><a href="#">Soldering Profile</a>                         |
| Solderability                | 235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta                    |
| Resistance to Soldering Heat | 260 °C / 10 sec acc. to IEC 60068-2-20, Test Tb                   |
| Case Resistance              | acc. to EIA/IS-722, Test 4.7<br>>100 MΩ (between leads and body)  |
| Flammability                 | UL 94V-0<br>(acc. to EIA/IS-722, Test 4.12)                       |
| Current Carrying Capacity    | acc. to EIA/IS-722, Test 4.3.3                                    |
| Moisture Sensitivity Level   | MIL-STD-202, Method 106<br>(50 cycles in a temp./moister chamber) |
| Vibration, High Frequency    | MIL-STD-202, Method 204 Condition D                               |
| Mechanical Shock             | MIL-STD-202, Method 213 Condition A                               |
| Resistance to Solvents       | MIL-STD-202, Method 215                                           |
| Terminal Strength            | Tensile load min. 9 N<br>(acc. to EIA/IS-722, Test 4.5.1)         |

#### 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: MST 250

| Approval Logo                                                                    | Certificates                   | Certification Body | Description                                                     |
|----------------------------------------------------------------------------------|--------------------------------|--------------------|-----------------------------------------------------------------|
|  | <a href="#">VDE Approvals</a>  | VDE                | VDE Certificate Number: 40046346                                |
|  | <a href="#">VDE Approvals</a>  | VDE                | VDE Certificate Number: 40002080                                |
|  | <a href="#">UL Approvals</a>   | UL                 | UR File Number: E41599                                          |
|  | <a href="#">CCC Approvals</a>  | CCC                | CCC Certificate Number: 2020970207000096                        |
|  | <a href="#">KTL Approvals</a>  | KTL                | Korea Testing Laboratory                                        |
|  | <a href="#">METI Approvals</a> | METI               | Japan Electrical Safety and Environment technology Laboratories |

## Product standards

Product standards that are referenced

| Organization                                                                     | Design                | Standard           | Description                                     |
|----------------------------------------------------------------------------------|-----------------------|--------------------|-------------------------------------------------|
|  | Designed according to | IEC 60127-3/4      | Miniature fuses - Part 3: Miniature fuse-links  |
|  | Designed according to | UL 248-14          | Low voltage fuses - Part 14: Supplemental 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                                                                                   |
|------------------------------------------------------------------------------------|--------------------------------|----------------|-----------------------------------------------------------------------------------------------|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |

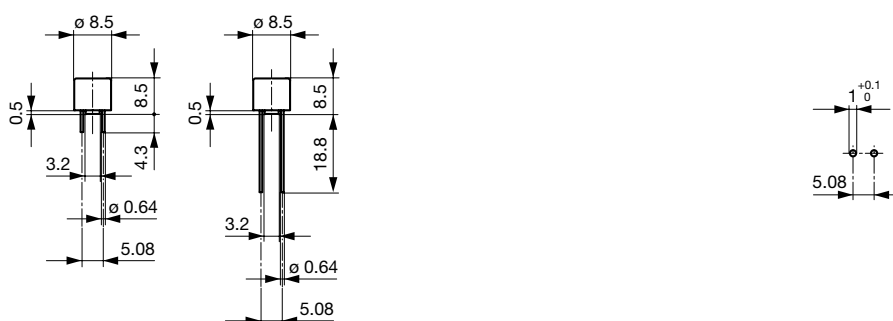
## Compliances

The product complies with following Guide Lines

| Identification                                                                     | Details                                        | Initiator   | Description                                                                                                                                                                                           |
|------------------------------------------------------------------------------------|------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <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. |
|  | <a href="#">UKCA declaration of conformity</a> | 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.                                                  |
|  | <a href="#">RoHS</a>                           | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863                                                                                                                                                    |
|  | <a href="#">China RoHS</a>                     | 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.                                                                                  |
|  | <a href="#">REACH</a>                          | 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.                               |

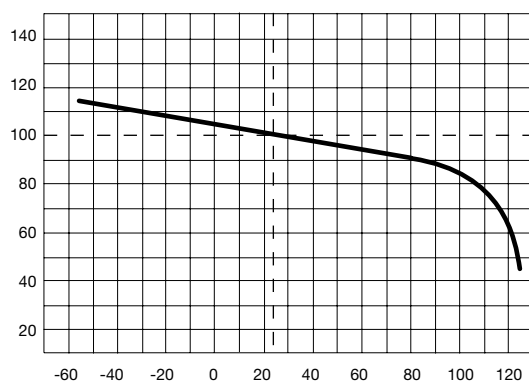
## Dimension [mm]

8.5 mm



Drilling diagram

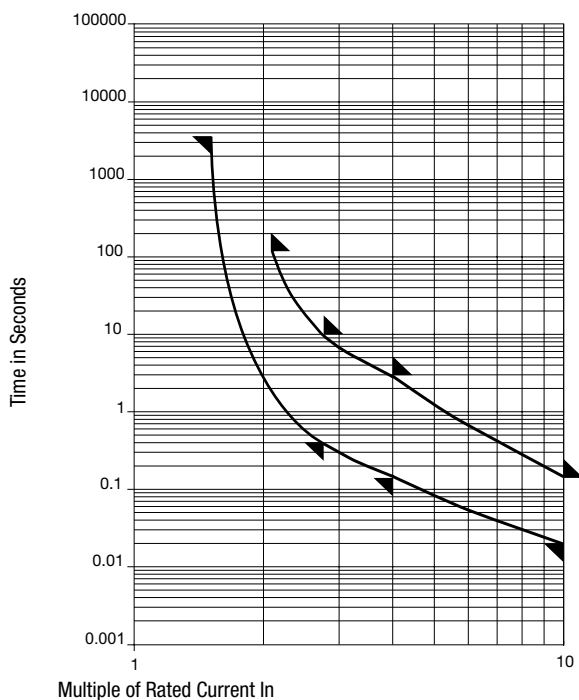
## Derating Curves



## Pre-Arcing Time

| Rated Current $I_n$ | 1.5 x $I_n$ min. | 2.1 x $I_n$ max. | 2.75 x $I_n$ min. | 2.75 x $I_n$ max. | 4.0 x $I_n$ min. | 4.0 x $I_n$ max. | 10.0 x $I_n$ min. | 10.0 x $I_n$ max. |
|---------------------|------------------|------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|
| 0.05 A - 6.3 A      | 60 min           | 120 s            | 400 ms            | 10 s              | 150 ms           | 3 s              | 20 ms             | 150 ms            |

## Time-Current-Curves



## Variants

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 $I_n$ max. [mV] | Voltage Drop 1.0 $I_n$ typ. [mV] | Power Dissipation 1.5 $I_n$ max. [mW] | Melting $I^2t$ 10.0 $I_n$ typ. [A <sup>2</sup> s] | DE | VDE | CE | UL | PS | CCC | JET | Order Number |
|-------------------|---------------------|-------------------|----------------------------------|----------------------------------|---------------------------------------|---------------------------------------------------|----|-----|----|----|----|-----|-----|--------------|
| 0.05              | 250                 | 1)                | 550                              | 415                              | 155                                   | 0.03                                              | •  | •   | •  | •  | •  | •   | •   | 0034.6602    |
| 0.05              | 250                 | 1)                | 550                              | 415                              | 155                                   | 0.03                                              | •  | •   | •  | •  | •  | •   | •   | 0034.6702    |
| 0.05              | 250                 | 1)                | 550                              | 415                              | 155                                   | 0.03                                              | •  | •   | •  | •  | •  | •   | •   | 0034.6802    |
| 0.063             | 250                 | 1)                | 480                              | 420                              | 160                                   | 0.05                                              | •  | •   | •  | •  | •  | •   | •   | 0034.6603    |
| 0.063             | 250                 | 1)                | 480                              | 420                              | 160                                   | 0.05                                              | •  | •   | •  | •  | •  | •   | •   | 0034.6703    |
| 0.063             | 250                 | 1)                | 480                              | 420                              | 160                                   | 0.05                                              | •  | •   | •  | •  | •  | •   | •   | 0034.6803    |

| Rated Cur-<br>rent [A] | Rated Vol-<br>tage [VAC] | Breaking<br>Capacity | Voltage Drop<br>1.0 I <sub>n</sub> max.<br>[mV] | Voltage Drop<br>1.0 I <sub>n</sub> typ.<br>[mV] | Power Dissi-<br>pation 1.5 I <sub>n</sub><br>max. [mW] | Melting I <sub>2t</sub><br>10.0 I <sub>n</sub> typ.<br>[A²s] |  |  |  |  |  |  | S | L | T | Order Number |           |
|------------------------|--------------------------|----------------------|-------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|---|---|--------------|-----------|
| 0.08                   | 250                      | 1)                   | 400                                             | 360                                             | 165                                                    | 0.06                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   | ● |   |   |              | 0034.6604 |
| 0.08                   | 250                      | 1)                   | 400                                             | 360                                             | 165                                                    | 0.06                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6704 |
| 0.08                   | 250                      | 1)                   | 400                                             | 360                                             | 165                                                    | 0.06                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6804 |
| 0.1                    | 250                      | 1)                   | 350                                             | 320                                             | 170                                                    | 0.08                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   | ● |   |   |              | 0034.6605 |
| 0.1                    | 250                      | 1)                   | 350                                             | 320                                             | 170                                                    | 0.08                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6705 |
| 0.1                    | 250                      | 1)                   | 350                                             | 320                                             | 170                                                    | 0.08                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6805 |
| 0.125                  | 250                      | 1)                   | 300                                             | 270                                             | 180                                                    | 0.12                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   | ● |   |   |              | 0034.6606 |
| 0.125                  | 250                      | 1)                   | 300                                             | 270                                             | 180                                                    | 0.12                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6706 |
| 0.125                  | 250                      | 1)                   | 300                                             | 270                                             | 180                                                    | 0.12                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6806 |
| 0.16                   | 250                      | 1)                   | 280                                             | 190                                             | 190                                                    | 0.24                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   | ● |   |   |              | 0034.6607 |
| 0.16                   | 250                      | 1)                   | 280                                             | 190                                             | 190                                                    | 0.24                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6707 |
| 0.16                   | 250                      | 1)                   | 280                                             | 190                                             | 190                                                    | 0.24                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6807 |
| 0.2                    | 250                      | 1)                   | 260                                             | 150                                             | 200                                                    | 0.35                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   | ● |   |   |              | 0034.6608 |
| 0.2                    | 250                      | 1)                   | 260                                             | 150                                             | 200                                                    | 0.35                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6708 |
| 0.2                    | 250                      | 1)                   | 260                                             | 150                                             | 200                                                    | 0.35                                                         | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6808 |
| 0.25                   | 250                      | 1)                   | 240                                             | 120                                             | 220                                                    | 0.6                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   | ● |   |   |              | 0034.6609 |
| 0.25                   | 250                      | 1)                   | 240                                             | 120                                             | 220                                                    | 0.6                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6709 |
| 0.25                   | 250                      | 1)                   | 240                                             | 120                                             | 220                                                    | 0.6                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6809 |
| 0.315                  | 250                      | 1)                   | 220                                             | 120                                             | 250                                                    | 0.8                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   | ● |   |   |              | 0034.6610 |
| 0.315                  | 250                      | 1)                   | 220                                             | 120                                             | 250                                                    | 0.8                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6710 |
| 0.315                  | 250                      | 1)                   | 220                                             | 120                                             | 250                                                    | 0.8                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6810 |
| 0.4                    | 250                      | 1)                   | 200                                             | 110                                             | 280                                                    | 1.1                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   | ● |   |   |              | 0034.6611 |
| 0.4                    | 250                      | 1)                   | 200                                             | 110                                             | 280                                                    | 1.1                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6711 |
| 0.4                    | 250                      | 1)                   | 200                                             | 110                                             | 280                                                    | 1.1                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6811 |
| 0.5                    | 250                      | 1)                   | 190                                             | 100                                             | 310                                                    | 2.5                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   | ● |   |   |              | 0034.6612 |
| 0.5                    | 250                      | 1)                   | 190                                             | 100                                             | 310                                                    | 2.5                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6712 |
| 0.5                    | 250                      | 1)                   | 190                                             | 100                                             | 310                                                    | 2.5                                                          | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6812 |
| 0.63                   | 250                      | 1)                   | 180                                             | 90                                              | 360                                                    | 4                                                            | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   | ● |   |   |              | 0034.6613 |
| 0.63                   | 250                      | 1)                   | 180                                             | 90                                              | 360                                                    | 4                                                            | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6713 |
| 0.63                   | 250                      | 1)                   | 180                                             | 90                                              | 360                                                    | 4                                                            | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6813 |
| 0.8                    | 250                      | 1)                   | 160                                             | 80                                              | 430                                                    | 8                                                            | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   | ● |   |   |              | 0034.6614 |
| 0.8                    | 250                      | 1)                   | 160                                             | 80                                              | 430                                                    | 8                                                            | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6714 |
| 0.8                    | 250                      | 1)                   | 160                                             | 80                                              | 430                                                    | 8                                                            | ●                                                                                 |                                                                                   | ●                                                                                  |                                                                                     | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6814 |
| 1                      | 250                      | 1)                   | 140                                             | 70                                              | 500                                                    | 12                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   | ● | ● |   |              | 0034.6615 |
| 1                      | 250                      | 1)                   | 140                                             | 70                                              | 500                                                    | 12                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6715 |
| 1                      | 250                      | 1)                   | 140                                             | 70                                              | 500                                                    | 12                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6815 |
| 1.25                   | 250                      | 1)                   | 130                                             | 70                                              | 600                                                    | 15                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   | ● | ● |   |              | 0034.6616 |
| 1.25                   | 250                      | 1)                   | 130                                             | 70                                              | 600                                                    | 15                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6716 |
| 1.25                   | 250                      | 1)                   | 130                                             | 70                                              | 600                                                    | 15                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6816 |
| 1.6                    | 250                      | 1)                   | 120                                             | 60                                              | 730                                                    | 30                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   | ● | ● |   |              | 0034.6617 |
| 1.6                    | 250                      | 1)                   | 120                                             | 60                                              | 730                                                    | 30                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6717 |
| 1.6                    | 250                      | 1)                   | 120                                             | 60                                              | 730                                                    | 30                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6817 |
| 2                      | 250                      | 1)                   | 100                                             | 60                                              | 870                                                    | 34                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   | ● | ● |   |              | 0034.6618 |
| 2                      | 250                      | 1)                   | 100                                             | 60                                              | 870                                                    | 34                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6718 |
| 2                      | 250                      | 1)                   | 100                                             | 60                                              | 870                                                    | 34                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6818 |
| 2.5                    | 250                      | 1)                   | 100                                             | 50                                              | 1000                                                   | 55                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   | ● | ● |   |              | 0034.6619 |
| 2.5                    | 250                      | 1)                   | 100                                             | 50                                              | 1000                                                   | 55                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6719 |
| 2.5                    | 250                      | 1)                   | 100                                             | 50                                              | 1000                                                   | 55                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6819 |
| 3.15                   | 250                      | 1)                   | 100                                             | 50                                              | 1200                                                   | 76                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   | ● | ● |   |              | 0034.6620 |
| 3.15                   | 250                      | 1)                   | 100                                             | 50                                              | 1200                                                   | 76                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6720 |
| 3.15                   | 250                      | 1)                   | 100                                             | 50                                              | 1200                                                   | 76                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   |   | ● |              | 0034.6820 |
| 4                      | 250                      | 2)                   | 100                                             | 50                                              | 1400                                                   | 80                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   | ● | ● |   |              | 0034.6621 |
| 4                      | 250                      | 2)                   | 100                                             | 50                                              | 1400                                                   | 80                                                           | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   | ● |   |              | 0034.6721 |

| 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> max. [mW] | Melting I <sup>2</sup> t 10.0 I <sub>n</sub> typ. [A²s] |  |  |  |  |  |  | S | L | T | Order Number |           |
|-------------------|---------------------|-------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|---|---|--------------|-----------|
| 4                 | 250                 | 2)                | 100                                       | 50                                        | 1400                                           | 80                                                      | ●                                                                                 |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   |   |   |   | ●            | 0034.6821 |
| 5                 | 250                 | 3)                | -                                         | 50                                        | -                                              | 230                                                     |                                                                                   | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     | ●                                                                                   | ● |   |   |              | 0034.6622 |
| 5                 | 250                 | 3)                | -                                         | 50                                        | -                                              | 230                                                     |                                                                                   | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     | ●                                                                                   |   | ● |   |              | 0034.6722 |
| 5                 | 250                 | 3)                | -                                         | 50                                        | -                                              | 230                                                     |                                                                                   | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     | ●                                                                                   |   |   |   | ●            | 0034.6822 |
| 6.3               | 250                 | 3)                | -                                         | 45                                        | -                                              | 360                                                     |                                                                                   | ●                                                                                 | ●                                                                                  |                                                                                     |                                                                                     | ●                                                                                   | ● |   |   |              | 0034.6623 |
| 6.3               | 250                 | 3)                | -                                         | 45                                        | -                                              | 360                                                     |                                                                                   | ●                                                                                 | ●                                                                                  |                                                                                     |                                                                                     | ●                                                                                   |   | ● |   |              | 0034.6723 |
| 6.3               | 250                 | 3)                | -                                         | 45                                        | -                                              | 360                                                     |                                                                                   | ●                                                                                 | ●                                                                                  |                                                                                     |                                                                                     | ●                                                                                   |   |   |   | ●            | 0034.6823 |

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

1) IEC: 35 A @ 250 VAC

1) UL: 35 A @ 250 VAC / 50 A @ 63 VDC

2) IEC: 10 In @ 250 VAC

2) UL: 10 In @ 250 VAC / 50 A @ 63 VDC

3) IEC: 10 In @ 250 VAC

3) UL: 10 In @ 250 VAC / 10 In @ 63 VDC

|                       |             |                                                                                                |
|-----------------------|-------------|------------------------------------------------------------------------------------------------|
| <b>Packaging Unit</b> | S = 4.3 mm  | 100 pcs in ESD-plastic bag                                                                     |
| acc. IEC 60286-2      | L = 18.8 mm | 100 St. (Bulk)                                                                                 |
|                       | T = 18.8 mm | 750 pcs. in tape [P = P0: 12.7; P1: 3.81; H1: 26.45] on reel [A: 360; W3: 40; W4: 52; C: 30.5] |

