

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



UL 248-14 · 250 VAC · Time-Lag T



### Description

- UL Standard Fuse
- Low Breaking Capacity

### Standards

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

### Approvals

- UL File Number: E184831

### References

Pigtail Type [FSL 5x20 Pigtail](#)

### Weblinks

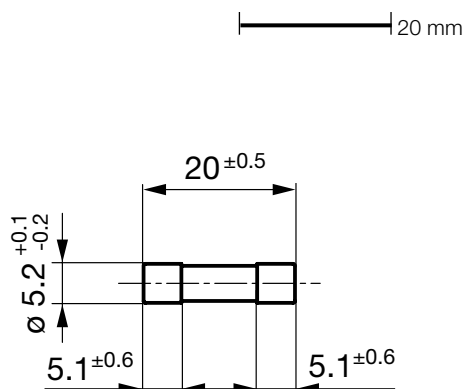
[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

### Technical Data

|                              |                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Rated Voltage                | 250 VAC                                                                                                                           |
| Rated current                | 0.08 - 3 A                                                                                                                        |
| Breaking Capacity            | 35 A - 10 kA                                                                                                                      |
| 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, Approvals |

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

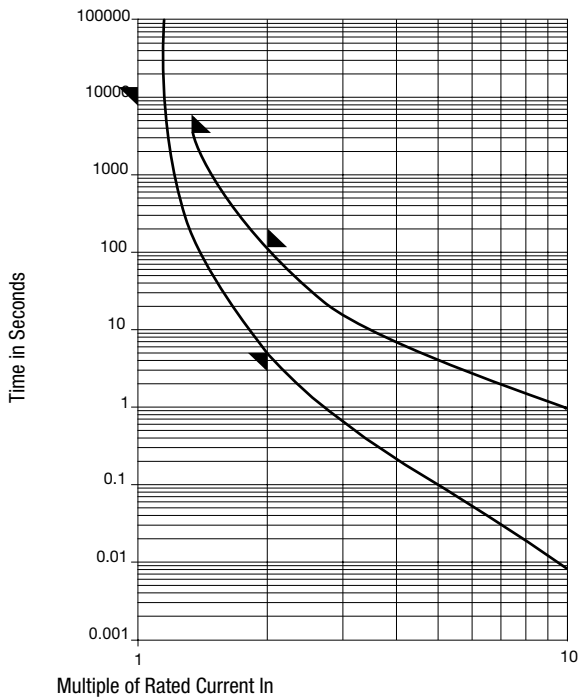
### Dimension



### 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 In typ. [mV] | Power Dissipation 1.0 I <sub>n</sub> typ. [mW] | Melting I <sup>2</sup> t 10.0 Intyp. [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    |

Availability for all products can be searched real-time:<http://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<br>xxxx.xxxx.G | Small Box Pack (10 pcs.)<br>Bulk 128 x 91 x 60 mm (1000 pcs.) |
|----------------|--------------------------|---------------------------------------------------------------|