

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

- Approval Reference Type: FSL 5x20
- UL File Number: E184831


References

Pigtail Type [FSL 5x20 Pigtail](#)

Weblinks

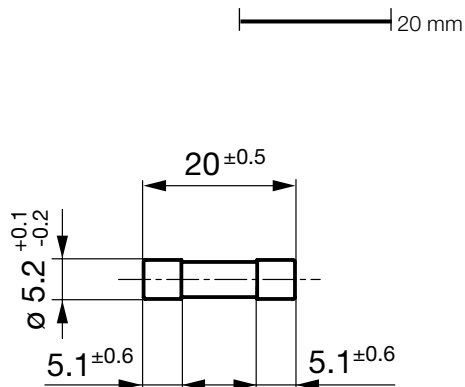
[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

| | |
|------------------------------|---|
| Rated Voltage | 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, Approvals |

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

Dimension

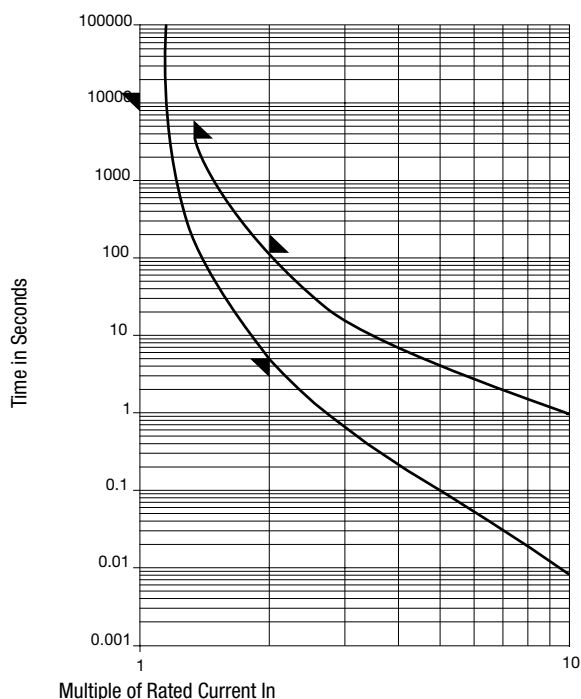


Pre-Arcing Time

Rated Current I_n 1.1 x I_n min. 1.35 x I_n max. 2.0 x I_n min. 2.0 x I_n 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_n typ. [mV] | Power Dissipation 1.0 I_n typ. [mW] | Melting I^2t 10.0 Intyp. [A ² s] | I_{UL} ^{us} | 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

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 In typ. [mV] | Power Dissipation 1.0 I _n typ. [mW] | Melting P _t 10.0 Intyp. [A ² s]  | Order Number |
|-------------------|---------------------|-------------------|-------------------------------|--|---|--------------|
|-------------------|---------------------|-------------------|-------------------------------|--|---|--------------|

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.) |
|----------------|--------------------------|---|
|----------------|--------------------------|---|