# FSL 5x20

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

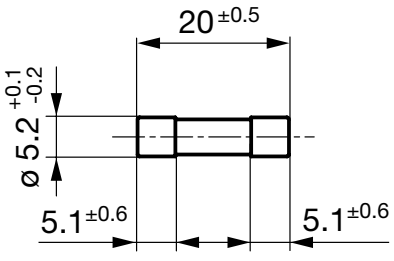
## Weblinks
pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Detailed request for product

## 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 |

## Dimension

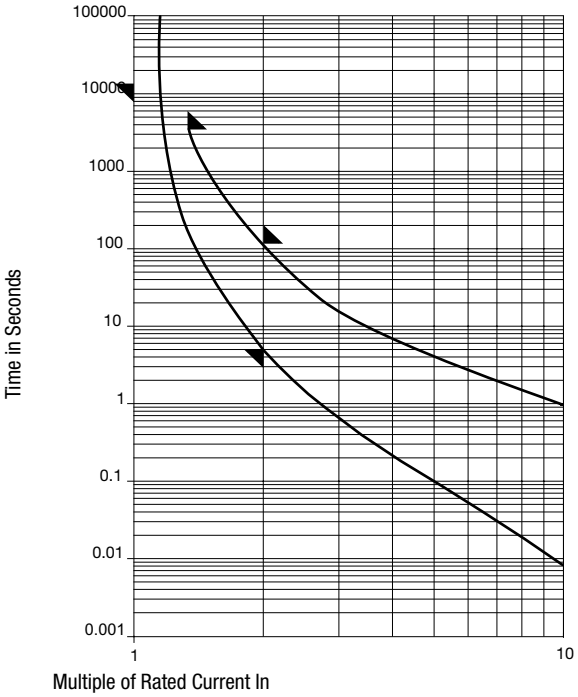
20 mm




## Pre-Arcing Time

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

## Time-Current-Curves




## All Variants

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 In typ. [mV] | Power Dissipation 1.0 $I_n$ typ. [mW] | Melting $I^2t$ 10.0 Intyp. [$A^2s$] | c 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

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

26.03.2015



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