

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



UL 248-14 · 250VAC · 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

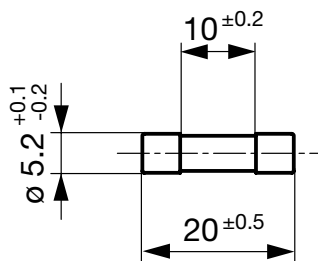
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

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, 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

Figure 10 is a log-log plot showing the relationship between Time in Seconds (Y-axis) and Multiple of Rated Current I_n (X-axis). The Y-axis ranges from 0.001 to 100,000 seconds, and the X-axis ranges from 1 to 10. Two curves are plotted, representing different thermal limits. The upper curve starts at (1, 100,000) and ends at (10, 1). The lower curve starts at (1, 10,000) and ends at (10, 0.01). Arrows indicate the direction of increasing current and decreasing time.

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 ² t 10.0 Intyp. [A²s]		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

2) 10 kA @ 125 VAC , p.f. = 0.7 - 0.8 / 100 A @ 250 VAC , p.f. = 0.7 - 0.8

08.05.2014