

Miniature Fuse with Pigtail, 5.4 x 22.5 mm, Quick-Acting F, cULus, 250 VAC



UL 248-14 · 250VAC · Quick-Acting F



**Description**

- UL Standard Fuse
- Low Breaking Capacity

**Standards**

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

**Approvals**

- UL File Number: E184831


**References**

[Packaging Details](#)

**Weblinks**

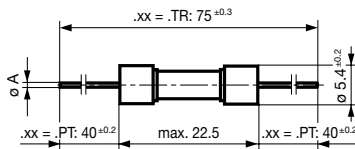
[pdf](#), [html](#), [General Product Information](#), [Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

**Technical Data**

Rated Voltage	250VAC
Rated Current	0.05 - 6.3A
Breaking Capacity	32A - 10kA
Characteristic	Quick-Acting F
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
Material: Axial Leads	Tin-Plated Copper
Unit Weight	1.5 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Type, Current, Voltage, Approvals

Soldering Methods	Wave, Iron
Solderability	235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1
Resistance to Soldering Heat	260 °C / 5 sec acc. to IEC 60068-2-20, Test Tb, method 1A

**Dimensions**




- In ≤ 6.3 A: ØA = 0.65 mm
- 8 A ≤ In ≤ 12.5 A: ØA = 0.8 mm
- In ≥ 16 A: ØA = 1.0 mm

**Pre-Arcing Time**

Rated Current In    1.1 x In min.    1.35 x In max.    2.0 x In max.

0.05 A - 6.3 A	4 h	60 min	120 s
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## 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
0.05	250	1)	13000	650	0.00078	●	0034.3851.xx
0.063	250	1)	6600	416	0.0014	●	0034.3852.xx
0.08	250	1)	2900	232	0.00077	●	0034.3853.xx
0.1	250	1)	4500	450	0.0015	●	0034.3854.xx
0.125	250	1)	3700	463	0.031	●	0034.3855.xx
0.15	250	1)	2900	435	0.034	●	0034.3856.xx
0.18	250	1)	2100	378	0.033	●	0034.3858.xx
0.2	250	1)	2300	460	0.043	●	0034.3859.xx
0.25	250	1)	2100	525	0.08	●	0034.3860.xx
0.3	250	1)	1200	360	0.07	●	0034.3861.xx
0.315	250	1)	1700	536	0.084	●	0034.3862.xx
0.4	250	1)	370	148	0.03	●	0034.3864.xx
0.45	250	1)	240	108	0.058	●	0034.3865.xx
0.5	250	1)	280	140	0.072	●	0034.3866.xx
0.63	250	1)	260	164	0.1	●	0034.3867.xx
0.7	250	1)	270	189	0.28	●	0034.3869.xx
0.75	250	1)	230	173	0.31	●	0034.3870.xx
0.8	250	1)	240	192	0.4	●	0034.3871.xx
1	250	1)	230	230	0.68	●	0034.3872.xx
1.2	250	2)	160	192	0.98	●	0034.3873.xx
1.25	250	2)	160	200	0.97	●	0034.3874.xx
1.5	250	2)	160	240	1.59	●	0034.3875.xx
1.6	250	2)	140	224	1.52	●	0034.3876.xx
2	250	2)	200	400	2.93	●	0034.3877.xx
2.5	250	2)	140	350	4.6	●	0034.3879.xx
3	250	2)	120	360	6.8	●	0034.3880.xx
3.15	250	2)	130	410	9.72	●	0034.3881.xx
3.5	250	2)	130	455	9.75	●	0034.3882.xx
4	250	3)	120	480	13.31	●	0034.3883.xx
5	250	3)	140	700	21.4	●	0034.3884.xx
6.3	250	3)	120	756	40.8	●	0034.3885.xx

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

3) 10 kA @ 125 VAC , p.f. = 0.7 - 0.8 / 200 A @ 250 VAC , p.f. = 0.7 - 0.8

## Packaging Unit

.xx = .PT Bulk (1000 pcs.)

.xx = .TR Taped 33 cm Reel (1000 pcs.)

## Time-Current-Curves

