

Miniature Fuse with Pigtail, 5.4 x 22.5 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

[Packaging Details](#)

Weblinks

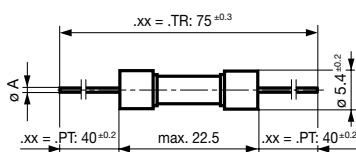
[pdf](#), [html](#), [General Product Information](#), [Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

Technical Data

Rated Voltage	250 VAC
Rated Current	0.08 - 3 A
Breaking Capacity	35 A - 10 kA
Characteristic	Time-Lag T
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 min.	2.0 x In max.
0.08 A - 3 A	4 h	60 min	5 s	120 s

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 ² t 10.0 Intyp. [A ² s]	$c(U_{LUS})$	Order Number
0.08	250	1)	1400	112	0.0367	●	0034.3761.xx
0.1	250	1)	900	90	0.128	●	0034.3762.xx
0.125	250	1)	750	94	0.161	●	0034.3764.xx
0.16	250	1)	460	74	0.122	●	0034.3765.xx
0.18	250	1)	680	122	0.393	●	0034.3766.xx
0.2	250	1)	460	92	0.344	●	0034.3767.xx
0.25	250	1)	310	78	0.29	●	0034.3768.xx
0.315	250	1)	250	79	0.345	●	0034.3769.xx
0.4	250	1)	280	112	0.337	●	0034.3770.xx
0.5	250	1)	200	100	0.73	●	0034.3771.xx
0.63	250	1)	200	126	3.62	●	0034.3772.xx
0.75	250	1)	200	150	5.54	●	0034.3773.xx
0.8	250	1)	200	160	5.12	●	0034.3774.xx
1	250	1)	200	200	4.52	●	0034.3775.xx
1.25	250	2)	230	288	1.54	●	0034.3776.xx
1.5	250	2)	190	285	2.86	●	0034.3777.xx
1.6	250	2)	190	304	2.93	●	0034.3778.xx
2	250	2)	180	360	4.45	●	0034.3779.xx
2.5	250	2)	190	475	9.45	●	0034.3780.xx
3	250	2)	150	450	17.5	●	0034.3781.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

Packaging Unit

.xx = .PT Bulk (1000 pcs.)

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

Time-Current-Curves

