

Miniature Fuse with Pigtail, 5.4 x 22.5 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

[Packaging Details](#)

Weblinks

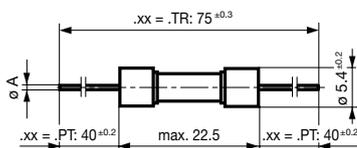
[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

Rated Voltage	250 VAC	Soldering Methods	Wave, Iron Soldering Profile
Rated current	0.08 - 3A	Solderability	235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1
Breaking Capacity	35 A - 10 kA	Resistance to Soldering Heat	260 °C / 5 sec acc. to IEC 60068-2-20, Test Tb, method 1A
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, 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

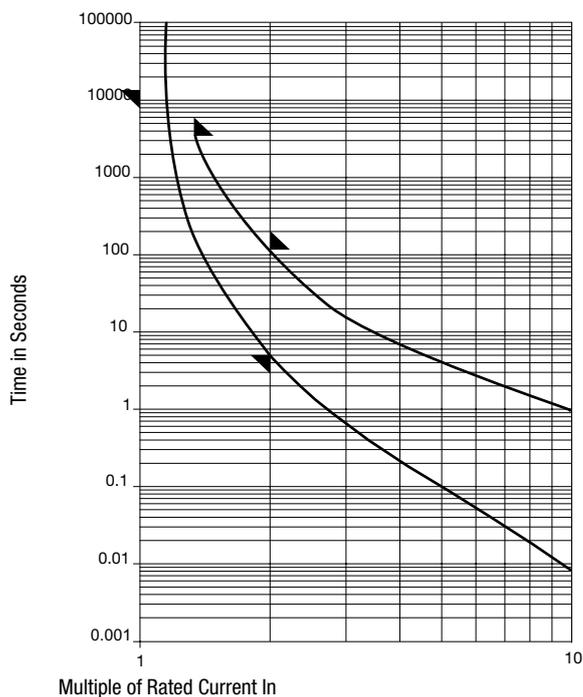


$I_n \leq 6.3 \text{ A}$: $\text{ØA} = 0.65 \text{ mm}$
 $8 \text{ A} \leq I_n \leq 12.5 \text{ A}$: $\text{ØA} = 0.8 \text{ mm}$
 $I_n \geq 16 \text{ A}$: $\text{ØA} = 1.0 \text{ mm}$

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 I _n typ. [mV]	Power Dissipation 1.0 I _n typ. [mW]	Melting I ² t 10.0 Intyp. [A ² s]		Order Number
0.08	250	1)	1400	112	0.0367	●	0034.3761.PT
0.08	250	1)	1400	112	0.0367	●	0034.3761.TR
0.1	250	1)	900	90	0.128	●	0034.3762.PT
0.1	250	1)	900	90	0.128	●	0034.3762.TR
0.125	250	1)	750	94	0.161	●	0034.3764.PT
0.125	250	1)	750	94	0.161	●	0034.3764.TR
0.16	250	1)	460	74	0.122	●	0034.3765.PT
0.16	250	1)	460	74	0.122	●	0034.3765.TR
0.18	250	1)	680	122	0.393	●	0034.3766.PT
0.18	250	1)	680	122	0.393	●	0034.3766.TR
0.2	250	1)	460	92	0.344	●	0034.3767.PT
0.2	250	1)	460	92	0.344	●	0034.3767.TR
0.25	250	1)	310	78	0.29	●	0034.3768.PT
0.25	250	1)	310	78	0.29	●	0034.3768.TR
0.315	250	1)	250	79	0.345	●	0034.3769.PT
0.315	250	1)	250	79	0.345	●	0034.3769.TR
0.4	250	1)	280	112	0.337	●	0034.3770.PT
0.4	250	1)	280	112	0.337	●	0034.3770.TR
0.5	250	1)	200	100	0.73	●	0034.3771.PT
0.5	250	1)	200	100	0.73	●	0034.3771.TR
0.63	250	1)	200	126	3.62	●	0034.3772.PT
0.63	250	1)	200	126	3.62	●	0034.3772.TR
0.75	250	1)	200	150	5.54	●	0034.3773.PT
0.75	250	1)	200	150	5.54	●	0034.3773.TR
0.8	250	1)	200	160	5.12	●	0034.3774.PT
0.8	250	1)	200	160	5.12	●	0034.3774.TR
1	250	1)	200	200	4.52	●	0034.3775.PT

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
1	250	1)	200	200	4.52	●	0034.3775.TR
1.25	250	2)	230	288	1.54	●	0034.3776.PT
1.25	250	2)	230	288	1.54	●	0034.3776.TR
1.5	250	2)	190	285	2.86	●	0034.3777.PT
1.5	250	2)	190	285	2.86	●	0034.3777.TR
1.6	250	2)	190	304	2.93	●	0034.3778.PT
1.6	250	2)	190	304	2.93	●	0034.3778.TR
2	250	2)	180	360	4.45	●	0034.3779.PT
2	250	2)	180	360	4.45	●	0034.3779.TR
2.5	250	2)	190	475	9.45	●	0034.3780.PT
2.5	250	2)	190	475	9.45	●	0034.3780.TR
3	250	2)	150	450	17.5	●	0034.3781.PT
3	250	2)	150	450	17.5	●	0034.3781.TR

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