

Miniature Fuse with Pigtail, 5.4 x 22.5 mm, Time-Lag T, L, 250 VAC



IEC 60127-2 · 250VAC · Time-Lag T



Description

- IEC Standard Fuse
- L = Low Breaking Capacity (Glass Tube)

Unique Selling Proposition

- Suitable for pulse-shaped continuous currents

Standards

- IEC 60127-2/3
- UL 248-14
- CSA C22.2 no. 248.14

Approvals

- Approval Reference Type: FST 5x20 Pigtail
- UL File Number: E41599

Applications

- Primary Protection on PCB

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](#)

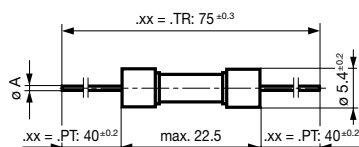
[Application Note Primary Protection in Equipment](#) with further information on increased [Pulse Strength](#) and their test conditions according to international standards see [Impulse Withstand Voltage](#)

Technical Data

Rated Voltage	250VAC	Soldering Methods	Wave, Iron
Rated current	0.05 - 20A		Soldering Profile
Breaking Capacity	35A - 200A	Solderability	235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1
Characteristic	Time-Lag T	Resistance to Soldering Heat	260 °C / 5 sec acc. to IEC 60068-2-20, Test Tb, method 1A
Admissible Ambient Air Temp.	-55 °C to 125 °C		
Climatic Category	55/125/21 acc. to IEC 60068-1		
Material: Tube	Glass		
Material: Endcaps	Nickel-Plated Copper Alloy		
Material: Axial Leads	Tin-Plated Copper		
Unit Weight	1.48 g		
Storage Conditions	0 °C to 60 °C, max. 70% r.h.		
Product Marking	 Rated current, Rated Voltage, Characteristic, Breaking Capacity, Approvals		

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

Dimension [mm]

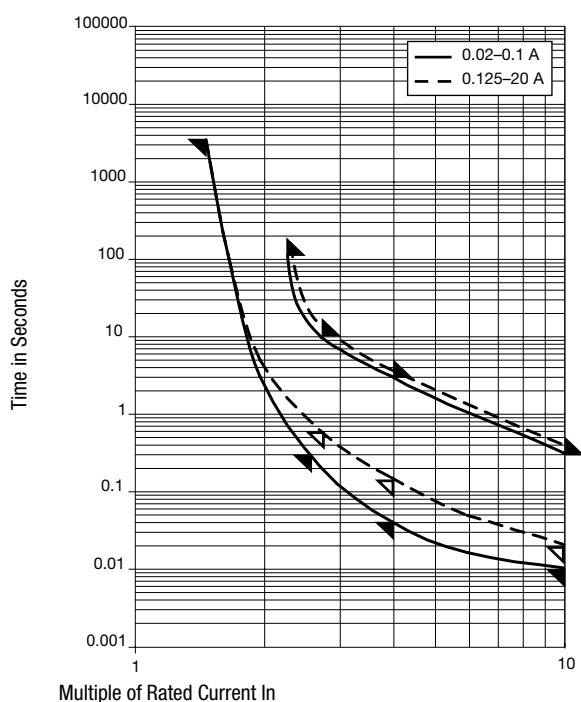


$I_n \leq 6.3 \text{ A}$: $\varnothing A = 0.65 \text{ mm}$
 $8 \text{ A} \leq I_n \leq 12.5 \text{ A}$: $\varnothing A = 0.8 \text{ mm}$
 $I_n \geq 16 \text{ A}$: $\varnothing A = 1.0 \text{ mm}$


Pre-Arcing Time


Rated Current I_n	$1.5 \times I_n$ min.	$2.1 \times I_n$ max.	$2.75 \times I_n$ min.	$2.75 \times I_n$ max.	$4.0 \times I_n$ min.	$4.0 \times I_n$ max.	$10.0 \times I_n$ min.	$10.0 \times I_n$ max.
0.05 A - 0.1 A	60 min	120 s	200 ms	10 s	40 ms	3 s	10 ms	300 ms
0.125 A - 6.3 A	60 min	120 s	600 ms	10 s	150 ms	3 s	20 ms	300 ms
8 A - 20 A	30 min	120 s	600 ms	10 s	150 ms	3 s	20 ms	300 ms

Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I _n max. [mV]	Voltage Drop 1.0 I _n typ. [mV]	Power Dissipation 1.5 I _n max. [mW]	Power Dissipation 1.5 I _n typ. [mW]	Melting I ² t 10.0 Intyp. [A ² s]	 Order Number
0.05	250	1)	3500	950	1600	125	0.0363	● 0034.3104.PT
0.05	250	1)	3500	950	1600	125	0.0363	● 0034.3104.TR
0.063	250	1)	3000	1300	1600	200	0.0401	● 0034.3105.PT
0.063	250	1)	3000	1300	1600	200	0.0401	● 0034.3105.TR
0.08	250	1)	3000	1100	1600	300	0.057	● 0034.3106.PT
0.08	250	1)	3000	1100	1600	300	0.057	● 0034.3106.TR
0.1	250	1)	2500	565	1600	155	0.107	● 0034.3107.PT
0.1	250	1)	2500	565	1600	155	0.107	● 0034.3107.TR
0.125	250	1)	2000	400	1600	200	0.064	● 0034.3108.PT
0.125	250	1)	2000	400	1600	200	0.064	● 0034.3108.TR
0.16	250	1)	1900	415	1600	185	0.23	● 0034.3109.PT
0.16	250	1)	1900	415	1600	185	0.23	● 0034.3109.TR
0.2	250	1)	1500	270	1600	200	0.256	● 0034.3110.PT
0.2	250	1)	1500	270	1600	200	0.256	● 0034.3110.TR
0.25	250	1)	1300	210	1600	200	0.238	● 0034.3111.PT
0.25	250	1)	1300	210	1600	200	0.238	● 0034.3111.TR
0.315	250	1)	1100	170	1600	200	0.544	● 0034.3112.PT
0.315	250	1)	1100	170	1600	200	0.544	● 0034.3112.TR
0.4	250	1)	1000	150	1600	200	0.768	● 0034.3113.PT
0.4	250	1)	1000	150	1600	200	0.768	● 0034.3113.TR
0.5	250	1)	900	160	1600	200	3	● 0034.3114.PT
0.5	250	1)	900	160	1600	200	3	● 0034.3114.TR
0.63	250	1)	300	160	1600	300	4.35	● 0034.3115.PT
0.63	250	1)	300	160	1600	300	4.35	● 0034.3115.TR
0.8	250	1)	250	120	1600	300	3.85	● 0034.3116.PT
0.8	250	1)	250	120	1600	300	3.85	● 0034.3116.TR
1	250	1)	150	60	1600	200	3.3	● 0034.3117.PT
1	250	1)	150	60	1600	200	3.3	● 0034.3117.TR
1.25	250	1)	150	60	1600	300	5.5	● 0034.3118.PT
1.25	250	1)	150	60	1600	300	5.5	● 0034.3118.TR
1.6	250	1)	150	60	1600	300	10.5	● 0034.3119.PT
1.6	250	1)	150	60	1600	300	10.5	● 0034.3119.TR
2	250	1)	150	60	1600	300	16	● 0034.3120.PT
2	250	1)	150	60	1600	300	16	● 0034.3120.TR
2.5	250	1)	120	60	1600	400	21.9	● 0034.3121.PT
2.5	250	1)	120	60	1600	400	21.9	● 0034.3121.TR
3.15	250	1)	100	60	1600	500	47	● 0034.3122.PT
3.15	250	1)	100	60	1600	500	47	● 0034.3122.TR
4	250	2)	100	60	1600	800	68.3	● 0034.3123.PT
4	250	2)	100	60	1600	800	68.3	● 0034.3123.TR
5	250	2)	100	60	1600	900	102	● 0034.3124.PT
5	250	2)	100	60	1600	900	102	● 0034.3124.TR
6.3	250	2)	100	60	1600	1000	190	● 0034.3125.PT
6.3	250	2)	100	60	1600	1000	190	● 0034.3125.TR
8	250	2)	100	60	4000	1300	275	● 0034.3126.PT
8	250	2)	100	60	4000	1300	275	● 0034.3126.TR
10	250	2)	100	60	4000	1300	520	● 0034.3127.PT
10	250	2)	100	60	4000	1300	520	● 0034.3127.TR
12.5	250	3)	-	60	-	2500	750	● 0034.3128.PT
12.5	250	3)	-	60	-	2500	750	● 0034.3128.TR
16	250	3)	-	60	-	3300	1638	● 0034.3129.PT
16	250	3)	-	60	-	3300	1638	● 0034.3129.TR
20	250	3)	-	60	-	4200	3057	● 0034.3130.PT

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I _n max. [mV]	Voltage Drop 1.0 I _n typ. [mV]	Power Dissipation 1.5 I _n max. [mW]	Power Dissipation 1.5 I _n typ. [mW]	Melting I ² t 10.0 Intyp. [A ² s]	 Order Number
20	250	3)	-	60	-	4200	3057	0034.3130.TR

Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

- 1) 35 A @ 250 VAC
- 2) 10 In @ 250 VAC
- 3) 125 A @ 250 VAC

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