

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



IEC 60127-2 · 250 VAC · Quick-Acting F



Description

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

Standards

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

Approvals

- UL File Number: E41599

Applications

- Primary Protection on PCB

References

[Packaging Details](#)

Weblinks

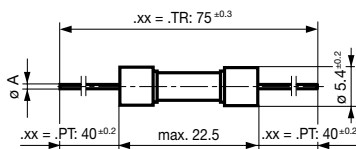
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

Rated Voltage	250 VAC
Rated current	0.1 - 10 A
Breaking Capacity	35 A - 100 A
Characteristic	Quick-Acting F
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

Soldering Methods	Wave, Iron Soldering Profile
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

Dimension

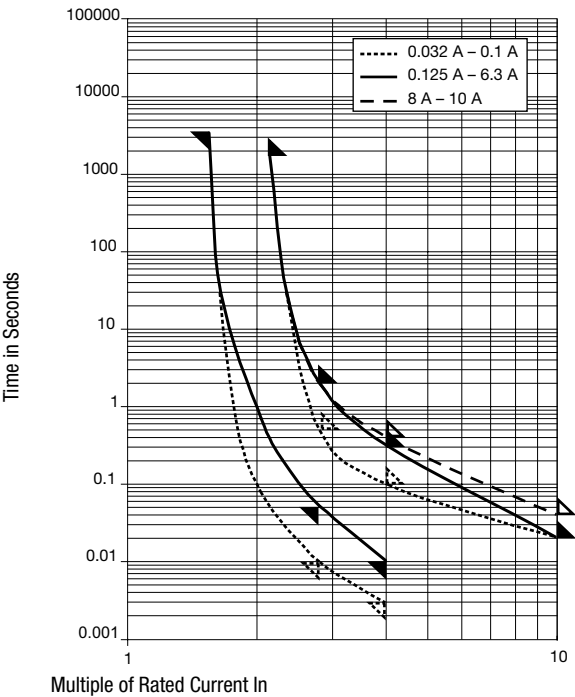


$I_n \leq 6.3 \text{ A}$: $\varnothing A = 0.65 \text{ mm}$
 $8 \text{ A} \leq I_n \leq 12.5 \text{ A}$: $\varnothing A = 0.8 \text{ mm}$
 $I_n \geq 16 \text{ A}$: $\varnothing A = 1.0 \text{ mm}$

Pre-Arcing Time

Rated Current I_n	1.5 x I_n min.	2.1 x I_n max.	2.75 x I_n min.	2.75 x I_n max.	4.0 x I_n min.	4.0 x I_n max.	10.0 x I_n max.
0.032 A - 0.1 A	60 min	30 min	10 ms	500 ms	3 ms	100 ms	20 ms
0.125 A - 6.3 A	60 min	30 min	50 ms	2 s	10 ms	300 ms	20 ms
8 A - 10 A	30 min	30 min	50 ms	2 s	10 ms	400 ms	40 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 I²t 10.0 Intyp. [A²s]	 c US	Order Number
0.1	250	1)	3500	840	1600	400	0.0014	●	0034.1506.TR
0.125	250	1)	2000	610	1600	400	0.00484	●	0034.1507.PT
0.125	250	1)	2000	610	1600	400	0.00484	●	0034.1507.TR
0.16	250	1)	2000	550	1600	500	0.0113	●	0034.1508.PT
0.16	250	1)	2000	550	1600	500	0.0113	●	0034.1508.TR
0.2	250	1)	1700	540	1600	500	0.0252	●	0034.1509.PT
0.2	250	1)	1700	540	1600	500	0.0252	●	0034.1509.TR
0.5	250	1)	1000	150	1600	200	0.151	●	0034.1513.PT
0.5	250	1)	1000	150	1600	200	0.151	●	0034.1513.TR
0.63	250	1)	650	140	1600	300	0.303	●	0034.1514.PT
0.63	250	1)	650	140	1600	300	0.303	●	0034.1514.TR
0.8	250	1)	240	110	1600	300	0.508	●	0034.1515.PT
0.8	250	1)	240	110	1600	300	0.58	●	0034.1515.TR
1	250	1)	200	110	1600	300	1.13	●	0034.1516.PT
1	250	1)	200	110	1600	300	1.13	●	0034.1516.TR
1.25	250	1)	200	100	1600	400	1.81	●	0034.1517.PT
1.25	250	1)	200	100	1600	400	1.81	●	0034.1517.TR
1.6	250	1)	190	100	1600	500	2.94	●	0034.1518.PT
1.6	250	1)	190	100	1600	500	2.94	●	0034.1518.TR
2	250	1)	170	90	1600	600	5.28	●	0034.1519.PT
2	250	1)	170	90	1600	600	5.28	●	0034.1519.TR
2.5	250	1)	170	90	1600	800	9.19	●	0034.1520.PT
2.5	250	1)	170	90	1600	800	9.19	●	0034.1520.TR
3.15	250	1)	150	90	2500	600	16.1	●	0034.1521.PT
3.15	250	1)	150	90	2500	600	16.1	●	0034.1521.TR
4	250	2)	130	90	2500	1000	25.6	●	0034.1522.PT
4	250	2)	130	90	2500	1000	25.6	●	0034.1522.TR
5	250	2)	130	80	2500	1300	33.8	●	0034.1523.PT
5	250	2)	130	80	2500	1300	33.8	●	0034.1523.TR

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
6.3	250	2)	130	80	2500	2000	53.2 ●	0034.1524.PT
6.3	250	2)	130	80	2500	2000	53.2 ●	0034.1524.TR
8	250	2)	130	80	4000	2300	93.4 ●	0034.1525.PT
8	250	2)	130	80	4000	2300	93.4 ●	0034.1525.TR
10	250	2)	130	70	4000	2500	93.4	0034.1526.PT
10	250	2)	130	70	4000	2500	93.4	0034.1526.TR

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

1) 35 A @ 250 VAC

2) 10 In @ 250 VAC

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