

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



IEC 60127-2 · 250VAC · 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

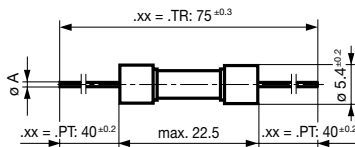
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

Rated Voltage	250VAC
Rated current	0.1 - 10A
Breaking Capacity	35A - 100A
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	☐, Current, Rated voltage, Characteristic, Breaking Capacity, 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

Dimension

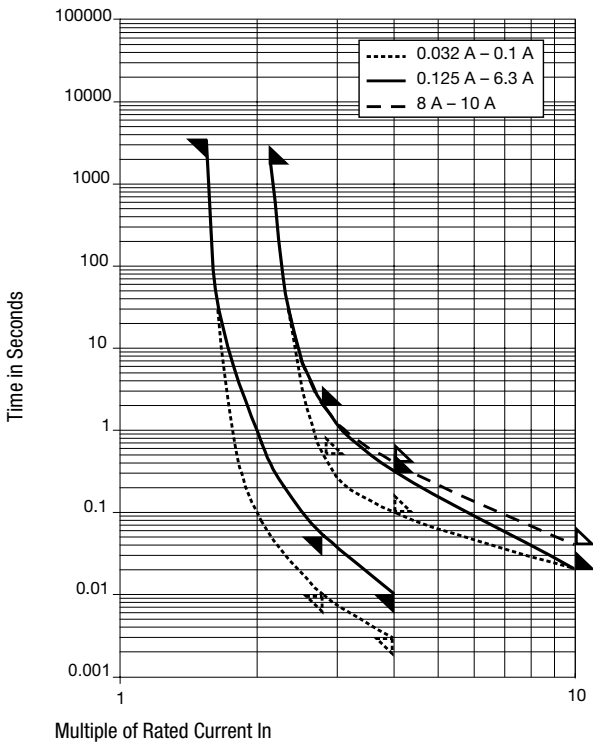


- In ≤ 6.3 A: ØA = 0.65 mm
- 8 A ≤ In ≤ 12.5 A: ØA = 0.8 mm
- In ≥ 16 A: ØA = 1.0 mm


Pre-Arcing Time

Rated Current In	1.5 x In min.	2.1 x In max.	2.75 x In min.	2.75 x In max.	4.0 x In min.	4.0 x In max.	10.0 x In 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 I ² t 10.0 Intyp. [A ² s]	 Order Number
0.1	250	1)	3500	840	1600	400	0.0014	● 0034.1506.xx
0.125	250	1)	2000	610	1600	400	0.00484	● 0034.1507.xx
0.16	250	1)	2000	550	1600	500	0.0113	● 0034.1508.xx
0.2	250	1)	1700	540	1600	500	0.0252	● 0034.1509.xx
0.5	250	1)	1000	150	1600	200	0.151	● 0034.1513.xx
0.63	250	1)	650	140	1600	300	0.303	● 0034.1514.xx
0.8	250	1)	240	110	1600	300	0.508	● 0034.1515.xx
1	250	1)	200	110	1600	300	1.13	● 0034.1516.xx
1.25	250	1)	200	100	1600	400	1.81	● 0034.1517.xx
1.6	250	1)	190	100	1600	500	2.94	● 0034.1518.xx
2	250	1)	170	90	1600	600	5.28	● 0034.1519.xx
2.5	250	1)	170	90	1600	800	9.19	● 0034.1520.xx
3.15	250	1)	150	90	2500	600	16.1	● 0034.1521.xx
4	250	2)	130	90	2500	1000	25.6	● 0034.1522.xx
5	250	2)	130	80	2500	1300	33.8	● 0034.1523.xx
6.3	250	2)	130	80	2500	2000	53.2	● 0034.1524.xx
8	250	2)	130	80	4000	2300	93.4	● 0034.1525.xx
10	250	2)	130	70	4000	2500	93.4	0034.1526.xx

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 I_n @ 250 VAC

Packaging Unit

.xx = .PT Bulk (1000 pcs.)

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