Miniature Fuse, 5 x 20 mm



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
- VDE License Number: 40016088
- UL File Number: E41599

Applications
- Primary Protection in Equipment

References
General Product Information
Time-Current Curves see last page
Pigtail Type FSF 5x20 Pigtail
Assembled Fuseholder OGN-SMD
Fuse Kit Miniature Fuses 5x20

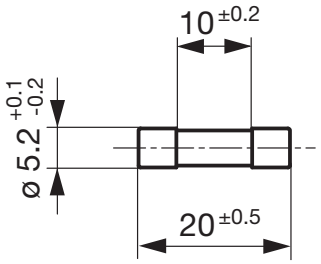
Weblinks
Approvals: http://www.schurter.com/approvals
RoHS: http://www.schurter.com/rohs

Technical Data

Rated Voltage	250 VAC
Rated Current	0.032 - 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
Unit Weight	0.92 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	S, Current Rating, Voltage Rating, Characteristic, Breaking Capacity, Approvals

Dimensions

Length 20 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

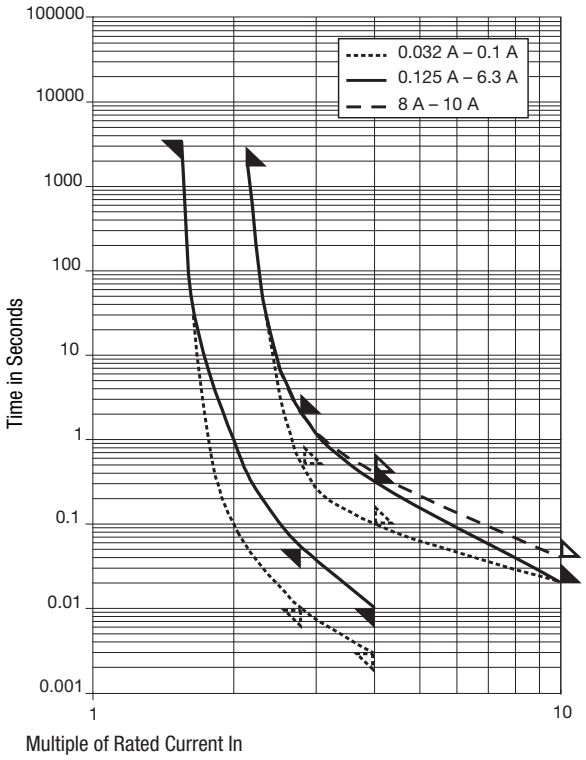
Variants

Order Number	Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In max [mV]	Voltage Drop 1.0 In typ [mV]	Power Dissipation 1.5 In max [mW]	Power Dissipation 1.5 In typ [mW]	Melting I²t 10.0 In typ [A²s]				
0034.1527	0.032	250	1)	10000	9300	1600	700	0.000082	●	●		●
0034.1528	0.04	250	1)	8000	7400	1600	700	0.000128	●	●		●
0034.1529	0.05	250	1)	7000	6400	1600	700	0.00025	●	●		●
0034.1530	0.063	250	1)	5000	940	1600	300	0.000278	●	●		●
0034.1531	0.08	250	1)	4000	750	1600	300	0.00102	●	●		●
0034.1506	0.1	250	1)	3500	840	1600	400	0.0014	●	●		●
0034.1507	0.125	250	1)	2000	610	1600	400	0.00484	●	●		●
0034.1508	0.16	250	1)	2000	550	1600	500	0.0113	●	●		●
0034.1509	0.2	250	1)	1700	540	1600	500	0.0252	●	●		●
0034.1510	0.25	250	1)	1400	240	1600	200	0.0159	●	●		●
0034.1511	0.315	250	1)	1300	210	1600	200	0.0367	●	●		●
0034.1512	0.4	250	1)	1200	200	1600	200	0.085	●	●		●
0034.1513	0.5	250	1)	1000	150	1600	200	0.151	●	●		●
0034.1514	0.63	250	1)	650	140	1600	300	0.303	●	●		●
0034.1515	0.8	250	1)	240	110	1600	300	0.508	●	●		●
0034.1516	1	250	1)	200	110	1600	300	1.13	●	●	●	●
0034.1517	1.25	250	1)	200	100	1600	400	1.81	●	●	●	●
0034.1518	1.6	250	1)	190	100	1600	500	2.94	●	●	●	●
0034.1519	2	250	1)	170	90	1600	600	5.28	●	●	●	●
0034.1520	2.5	250	1)	170	90	1600	800	9.19	●	●	●	●
0034.1521	3.15	250	1)	150	90	2500	600	16.1	●	●	●	●
0034.1522	4	250	2)	130	90	2500	1000	25.6	●	●	●	●
0034.1523	5	250	2)	130	80	2500	1300	33.8	●	●	●	●
0034.1524	6.3	250	2)	130	80	2500	2000	53.2	●	●		●
0034.1525	8	250	2)	130	80	4000	2300	93.4	●	●		
0034.1526	10	250	2)	130	70	4000	2500	183	●	●		

1) 35 A @ 250 VAC
2) 10 In @ 250 VAC

Packaging Unit Small Box Pack (10 pcs.)
xxxx.xxxx.G Bulk 128 x 91 x 60 mm (1000 pcs.)

FSF 5x20


100000
10000
1000
100
10
1
0.1
0.01
0.001
Time in Seconds
1
10
Multiple of Rated Current In
0.032 A – 0.1 A
0.125 A – 6.3 A
8 A – 10 A