Subminiature Fuse, 11.5 x 5 mm, Quick-Acting F

IEC 60127-4 · 250 VAC · Quick-Acting F

Description
- Subminiature fuse quick-acting F

Standards
- IEC 60127-4/1
- UL 248-14
- CSA C22.2 no. 248.14

Approvals
- UL File Number: E41599

Applications
- Primary Protection on PCB

References
Packaging Details
Corresponding Fuseholder 231819

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

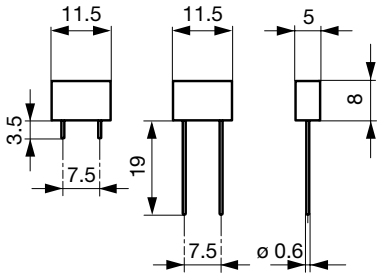
Technical Data

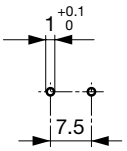
Rated Voltage	250 VAC
Rated current	0.16 - 10 A
Breaking Capacity	100 A
Characteristic	Quick-Acting F
Mounting	PCB,THT
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Housing	Thermoplastic, UL 94V-0
Material: Terminals	Tin-Plated Copper
Unit Weight	0.72 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
Resistance to Vibration	acc. to IEC 60068-2-6, test Fc

Dimension

11.5 mm



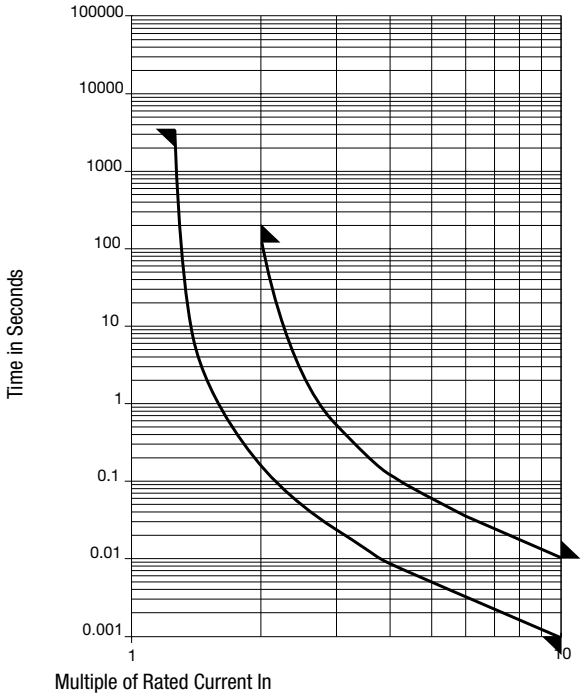


Drilling diagram

Pre-Arcing Time

Rated Current In	1.25 x In min.	2.0 x In max.	10.0 x In min.	10.0 x In max.
0.16 A - 10 A	60 min	120 s	1 ms	10 ms

Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.25 I_n typ. [mW]	Melting I^2t 10.0 Intyp. [A^2s]	c UL us	S	L	T	Order Number
0.16	250	1)	345	110	0.006	●	●			7100.1057.13
0.2	250	1)	300	190	0.01	●	●			7100.1058.13
0.25	250	1)	260	210	0.028	●	●			7100.1059.13
0.315	250	1)	270	240	0.04	●	●			7100.1060.13
0.4	250	1)	260	310	0.088	●	●			7100.1061.13
0.5	250	1)	115	110	0.058	●	●			7100.1062.13
0.63	250	1)	100	120	0.1	●	●			7100.1063.13
0.8	250	1)	95	150	0.21	●	●			7100.1064.13
1	250	2)	155	300	0.18	●	●			7100.1065.13
1.25	250	2)	150	360	0.28	●	●			7100.1066.13
1.6	250	2)	115	340	0.61	●	●			7100.1067.13
2	250	2)	112	450	1	●	●			7100.1068.13
2.5	250	3)	100	500	1.2	●	●			7100.1069.13
3.15	250	3)	90	520	2.4	●	●			7100.1070.13
4	250	3)	95	850	4.1	●	●			7100.1071.13
5	250	3)	90	800	7.2	●	●			7100.1072.13
6.3	250	4)	85	960	15	●	●			7100.1073.13
8	250	4)	80	1000	25	●	●			7100.1074.13
10	250	4)	75	1450	50	●	●			7100.1075.13
0.16	250	1)	345	110	0.006	●		●	●	7100.1157.13
0.16	250	1)	345	110	0.006	●		●	●	7100.1157.95
0.16	250	1)	345	110	0.006	●		●	●	7100.1157.96
0.2	250	1)	300	190	0.01	●		●	●	7100.1158.13
0.2	250	1)	300	190	0.01	●		●	●	7100.1158.95
0.2	250	1)	300	190	0.01	●		●	●	7100.1158.96
0.25	250	1)	260	210	0.028	●		●	●	7100.1159.13
0.25	250	1)	260	210	0.028	●		●	●	7100.1159.95

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.25 I_n typ. [mW]	Melting I^2t 10.0 Intyp. [A^2s]	c UL us	S	L	T	Order Number
0.315	250	1)	270	240	0.04	●		●	●	7100.1160.13
0.315	250	1)	270	240	0.04	●		●	●	7100.1160.95
0.315	250	1)	270	240	0.04	●		●	●	7100.1160.96
0.4	250	1)	260	310	0.088	●		●	●	7100.1161.13
0.4	250	1)	260	310	0.088	●		●	●	7100.1161.95
0.4	250	1)	260	310	0.088	●		●	●	7100.1161.96
0.5	250	1)	115	110	0.058	●		●	●	7100.1162.13
0.5	250	1)	115	110	0.058	●		●	●	7100.1162.95
0.5	250	1)	115	110	0.058	●		●	●	7100.1162.96
0.63	250	1)	100	120	0.1	●		●	●	7100.1163.13
0.63	250	1)	100	120	0.1	●		●	●	7100.1163.95
0.63	250	1)	100	120	0.1	●		●	●	7100.1163.96
0.8	250	1)	95	150	0.21	●		●	●	7100.1164.13
0.8	250	1)	95	150	0.21	●		●	●	7100.1164.95
0.8	250	1)	95	150	0.21	●		●	●	7100.1164.96
0.25	250	1)	260	210	0.028	●		●	●	7100.1159.96
1	250	2)	155	300	0.18	●		●	●	7100.1165.13
1	250	2)	155	300	0.18	●		●	●	7100.1165.95
1	250	2)	155	300	0.18	●		●	●	7100.1165.96
1.25	250	2)	150	360	0.28	●		●	●	7100.1166.13
1.25	250	2)	150	360	0.28	●		●	●	7100.1166.95
1.25	250	2)	150	360	0.28	●		●	●	7100.1166.96
1.6	250	2)	115	340	0.61	●		●	●	7100.1167.13
1.6	250	2)	115	340	0.61	●		●	●	7100.1167.95
1.6	250	2)	115	340	0.61	●		●	●	7100.1167.96
2	250	2)	112	450	1	●		●	●	7100.1168.13
2	250	2)	112	450	1	●		●	●	7100.1168.95
2	250	2)	112	450	1	●		●	●	7100.1168.96
2.5	250	3)	100	500	1.2	●		●	●	7100.1169.13
2.5	250	3)	100	500	1.2	●		●	●	7100.1169.95
2.5	250	3)	100	500	1.2	●		●	●	7100.1169.96
3.15	250	3)	90	520	2.4	●		●	●	7100.1170.13
3.15	250	3)	90	520	2.4	●		●	●	7100.1170.95
3.15	250	3)	90	520	2.4	●		●	●	7100.1170.96
4	250	3)	95	850	4.1	●		●	●	7100.1171.13
4	250	3)	95	850	4.1	●		●	●	7100.1171.95
4	250	3)	95	850	4.1	●		●	●	7100.1171.96
5	250	3)	90	800	7.2	●		●	●	7100.1172.13
5	250	3)	90	800	7.2	●		●	●	7100.1172.95
5	250	3)	90	800	7.2	●		●	●	7100.1172.96
6.3	250	4)	85	960	15	●		●	●	7100.1173.13
6.3	250	3)	85	960	15	●		●	●	7100.1173.95
6.3	250	3)	85	960	15	●		●	●	7100.1173.96
8	250	4)	80	1000	25	●		●	●	7100.1174.13
8	250	4)	80	1000	25	●		●	●	7100.1174.95
8	250	4)	80	1000	25	●		●	●	7100.1174.96
10	250	4)	75	1450	50	●		●	●	7100.1175.13
10	250	5)	75	1450	50	●		●	●	7100.1175.95
10	250	5)	75	1450	50	●		●	●	7100.1175.96

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

1) UL: 35 A @ 250 VAC/DC / 10 kA @ 125 VAC, p.f. = 0.7 - 0.8

2) UL: 63 A @ 250 VAC/DC / 10 kA @ 125 VAC, p.f. = 0.7 - 0.8

3) UL: 63 A @ 250 VAC/DC

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.25 I_n typ. [mW]	Melting I^2t 10.0 Intyp. [A^2s]	$_{c}$ $_{us}$	S	L	T	Order Number

4) UL: 63 A @ 250 VAC

Packaging Unit	.xx = .13 / S = Short Terminals	Plastic Bag (100 pcs.)
	.xx = .13 / L = Long Terminals	Plastic Bag (100 pcs.)
	.xx = .95 / T = Reeled	Taped 36 cm Reel (500 pcs.)
	.xx = .96 / T = Reeled	Taped 36 cm Reel (1000 pcs.)

13.10.2016