

Subminiature Fuse, 11.5 x 5 mm, Trage T



IEC 60127-4 · 250VAC · Time-Lag T



Description

- Directly solderable on printed circuit boards
- Low Breaking Capacity

Standards

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

Approvals

- VDE License Number: 40014426 (0.2 A - 2.5 A)
- UL File Number: E41599

Applications

- Primary Protection on PCB
- Power Supply Adapter for e.g. laptops

References

[General Product Information](#)
 Time-Current Curves see last page
 Corresponding Fuseholder [231819](#)
[Packaging Details](#)

Weblinks

Approvals: www.schurter.com/approvals
 RoHS: <http://www.schurter.com/rohs>
 CHINA-RoHS: www.schurter.com/china-rohs
 Webstore: www.schurterinc.com/estore/search.html

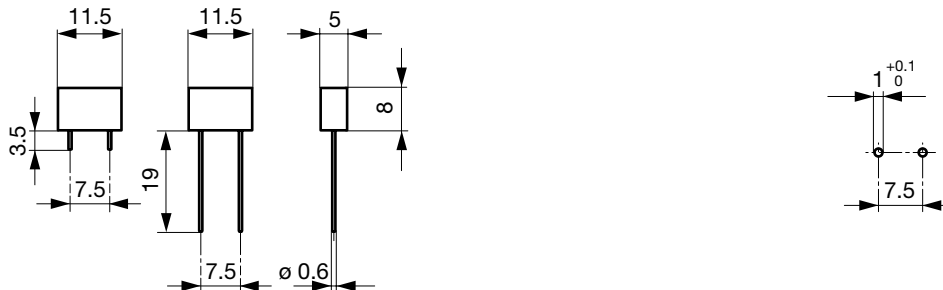
Technical Data

Rated Voltage	250VAC
Rated Current	0.2 - 10A
Breaking Capacity	50A - 100A
Characteristic	Time-Lag T
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	, Current Rating, Voltage Rating, 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
Resistance to Vibration	acc. to IEC 60068-2-6, test Fc

Dimensions

Length 11.5 mm



Drilling Diagram




Pre-Arcing Time

Rated Current I _n	1.25 x I _n min.	2.0 x I _n max.	10.0 x I _n min.	10.0 x I _n max.
0.2 A - 10 A	60 min	120 s	10 ms	100 ms

Variants

[Webstore](#)

S = Short Terminals
L = Long Terminals
T = Taped and Reeled

Order Number	S	L	T	Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I _n typ. [mV]	Power Dissipation 1.25 I _n typ. [mW]	Melting I ² t 10.0 I _n Intyp. [A ² s]	  
7100.1008.xx	●			0.2	250	1)	235	85	0.1	● ● ●
7100.1009.xx	●			0.25	250	1)	180	80	0.2	● ● ●
7100.1010.xx	●			0.315	250	1)	130	70	0.3	● ● ●
7100.1011.xx	●			0.4	250	1)	130	90	0.49	● ● ●
7100.1012.xx	●			0.5	250	1)	120	110	0.53	● ● ●
7100.1013.xx	●			0.63	250	1)	100	115	1.13	● ● ●
7100.1014.xx	●			0.8	250	2)	230	330	1.5	● ● ●
7100.1015.xx	●			1	250	2)	155	300	1.6	● ● ●
7100.1016.xx	●			1.25	250	2)	120	270	3	● ● ●
7100.1017.xx	●			1.6	250	2)	120	375	4.9	● ● ●
7100.1018.xx	●			2	250	2)	105	400	7	● ● ●
7100.1019.xx	●			2.5	250	3)	95	420	7.3	● ● ●
7100.1020.xx	●			3.15	250	4)	92	520	4.7	● ● ●
7100.1021.xx	●			4	250	4)	90	600	25	● ● ●
7100.1022.xx	●			5	250	4)	92	800	32	● ● ●
7100.1023.xx	●			6.3	250	5)	93	680	53	● ● ●
7100.1024.xx	●			8	250	5)	65	500	87	● ● ●
7100.1025.xx	●			10	250	5)	63	900	160	● ● ●
7100.1108.xx	●	●		0.2	250	1)	235	85	0.1	● ● ●
7100.1109.xx	●	●		0.25	250	1)	180	80	0.2	● ● ●
7100.1110.xx	●	●		0.315	250	1)	130	70	0.3	● ● ●
7100.1111.xx	●	●		0.4	250	1)	130	90	0.49	● ● ●
7100.1112.xx	●	●		0.5	250	1)	120	110	0.53	● ● ●
7100.1113.xx	●	●		0.63	250	1)	100	115	1.13	● ● ●
7100.1114.xx	●	●		0.8	250	2)	230	330	1.5	● ● ●
7100.1115.xx	●	●		1	250	2)	155	300	1.6	● ● ●
7100.1116.xx	●	●		1.25	250	2)	120	270	3	● ● ●
7100.1117.xx	●	●		1.6	250	2)	120	375	4.9	● ● ●
7100.1118.xx	●	●		2	250	2)	105	400	7	● ● ●
7100.1119.xx	●	●		2.5	250	3)	95	420	7.3	● ● ●
7100.1120.xx	●	●		3.15	250	4)	92	520	4.7	● ● ●
7100.1121.xx	●	●		4	250	4)	90	600	25	● ● ●
7100.1122.xx	●	●		5	250	4)	92	800	32	● ● ●
7100.1123.xx	●	●		6.3	250	5)	93	680	53	● ● ●
7100.1124.xx	●	●		8	250	5)	65	500	87	● ● ●
7100.1125.xx	●	●		10	250	5)	63	900	160	● ● ●

1) IEC: 100 A @ 250 VAC, p.f. ≥ 0.95

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

2) IEC: 100 A @ 250 VAC, p.f. ≥ 0.95

2) UL: 50 A @ 250 VAC/DC / 10 kA @ 125 VAC, p.f. = 0.7 - 0.8

3) IEC: 100 A @ 250 VAC, p.f. ≥ 0.95

3) UL: 50 A @ 250 VAC, p.f. ≥ 0.95

4) UL: 50 A @ 250 VAC, p.f. ≥ 0.95

5) UL: 63 A @ 250 VAC, p.f. ≥ 0.95

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.)

Time-Current Curves

