

Subminiature Fuse, 8.5 mm, Time-Lag T, 250 VAC, 63 VDC



Subminiature fuse 8.5 mm, time-lag T,
250 VAC
Short terminal



Subminiature fuse 8.5 mm, time-lag T,
250 VAC
Terminal long
PCB

IEC 60127-3 · 250 VAC · Time-Lag T

See below:

[Approvals and Compliances](#)**Description**

- Directly solderable on printed circuit boards
- Low Breaking Capacity

Applications

- Primary Protection on PCB
- Power Supply Adapter for e.g. laptops
- SMPS (Switching Mode Power Supply) for TV's and DVD's

References

Last order date: 30.04.2026

Last delivery date: 31.07.2026

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

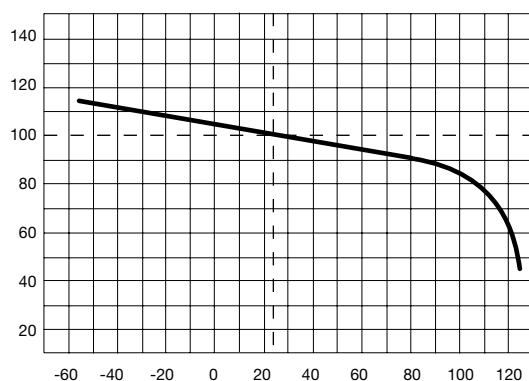
Rated Voltage	250 VAC, 63 VDC	Soldering Methods	Wave
Rated current	0.05 - 6.3 A		Soldering Profile
Breaking Capacity	35 A - 63 A	Solderability	235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta
Characteristic	Time-Lag T	Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-20, Test Tb
Mounting	PCB, THT	Case Resistance	acc. to EIA/IS-722, Test 4.7 >100 MΩ (between leads and body)
Admissible Ambient Temp.	-55 °C to 125 °C	Flammability	UL 94V-0 (acc. to EIA/IS-722, Test 4.12)
Climatic Category	55/125/21 acc. to IEC 60068-1	Current Carrying Capacity	acc. to EIA/IS-722, Test 4.3.3
Material: Housing	Thermoplastic, UL 94V-0	Moisture Sensitivity Level	MIL-STD-202, Method 106 (50 cycles in a temp./mister chamber)
Material: Terminals	Tin-Plated Copper	Vibration, High Frequency	MIL-STD-202, Method 204 Condition D
Unit Weight	0.53 g	Mechanical Shock	MIL-STD-202, Method 213 Condition A
Storage Conditions	0 °C to 40 °C, max. 70% r.h.	Resistance to Solvents	MIL-STD-202, Method 215
Product Marking	 Type, Rated current, Rated Voltage, Characteristic, Certification marks	Terminal Strength	Tensile load min. 9 N (acc. to EIA/IS-722, Test 4.5.1)

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

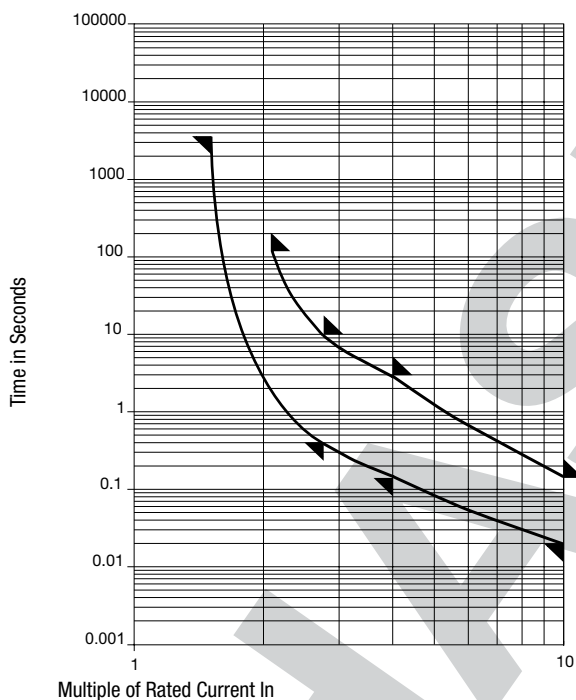
Derating Curves



Pre-Arcing Time

Rated Current I_n	$1.5 \times I_n$ min.	$2.1 \times I_n$ max.	$2.75 \times I_n$ min.	$2.75 \times I_n$ max.	$4.0 \times I_n$ min.	$4.0 \times I_n$ max.	$10.0 \times I_n$ min.	$10.0 \times I_n$ max.
0.05 A - 6.3 A	60 min	120 s	400 ms	10 s	150 ms	3 s	20 ms	150 ms

Time-Current-Curves



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]	Melting I^2t $10.0 I_n$ typ. [A²s]	D'E	VDE	UL	PS	CCC	Order Number
0.05	250	1)	550	415	155	0.03	•	•	•	•	•	0034.6602
0.05	250	1)	550	415	155	0.03	•	•	•	•	•	0034.6702
0.05	250	1)	550	415	155	0.03	•	•	•	•	•	0034.6802
0.063	250	1)	480	420	160	0.05	•	•	•	•	•	0034.6603
0.063	250	1)	480	420	160	0.05	•	•	•	•	•	0034.6703
0.063	250	1)	480	420	160	0.05	•	•	•	•	•	0034.6803

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]	Melting I ² t 10.0 I _n typ. [A²s]							S	L	T	Order Number	
0.08	250	1)	400	360	165	0.06	●		●		●	●	●				0034.6604
0.08	250	1)	400	360	165	0.06	●		●		●	●		●			0034.6704
0.08	250	1)	400	360	165	0.06	●		●		●	●			●		0034.6804
0.1	250	1)	350	320	170	0.08	●		●		●	●	●				0034.6605
0.1	250	1)	350	320	170	0.08	●		●		●	●		●			0034.6705
0.1	250	1)	350	320	170	0.08	●		●		●	●			●		0034.6805
0.125	250	1)	300	270	180	0.12	●		●		●	●	●				0034.6606
0.125	250	1)	300	270	180	0.12	●		●		●	●		●			0034.6706
0.125	250	1)	300	270	180	0.12	●		●		●	●			●		0034.6806
0.16	250	1)	280	190	190	0.24	●		●		●	●	●				0034.6607
0.16	250	1)	280	190	190	0.24	●		●		●	●		●			0034.6707
0.16	250	1)	280	190	190	0.24	●		●		●	●			●		0034.6807
0.2	250	1)	260	150	200	0.35	●		●		●	●	●				0034.6608
0.2	250	1)	260	150	200	0.35	●		●		●	●		●			0034.6708
0.2	250	1)	260	150	200	0.35	●		●		●	●			●		0034.6808
0.25	250	1)	240	120	220	0.6	●		●		●	●	●				0034.6609
0.25	250	1)	240	120	220	0.6	●		●		●	●		●			0034.6709
0.25	250	1)	240	120	220	0.6	●		●		●	●			●		0034.6809
0.315	250	1)	220	120	250	0.8	●		●		●	●	●				0034.6610
0.315	250	1)	220	120	250	0.8	●		●		●	●		●			0034.6710
0.315	250	1)	220	120	250	0.8	●		●		●	●			●		0034.6810
0.4	250	1)	200	110	280	1.1	●		●		●	●	●				0034.6611
0.4	250	1)	200	110	280	1.1	●		●		●	●		●			0034.6711
0.4	250	1)	200	110	280	1.1	●		●		●	●			●		0034.6811
0.5	250	1)	190	100	310	2.5	●		●		●	●	●				0034.6612
0.5	250	1)	190	100	310	2.5	●		●		●	●		●			0034.6712
0.5	250	1)	190	100	310	2.5	●		●		●	●			●		0034.6812
0.63	250	1)	180	90	360	4	●		●		●	●	●				0034.6613
0.63	250	1)	180	90	360	4	●		●		●	●		●			0034.6713
0.63	250	1)	180	90	360	4	●		●		●	●			●		0034.6813
0.8	250	1)	160	80	430	8	●		●		●	●	●				0034.6614
0.8	250	1)	160	80	430	8	●		●		●	●		●			0034.6714
0.8	250	1)	160	80	430	8	●		●		●	●			●		0034.6814
1	250	1)	140	70	500	12	●		●	●	●	●	●	●			0034.6615
1	250	1)	140	70	500	12	●		●	●	●	●		●			0034.6715
1	250	1)	140	70	500	12	●		●	●	●	●			●		0034.6815
1.25	250	1)	130	70	600	15	●		●	●	●	●	●	●			0034.6616
1.25	250	1)	130	70	600	15	●		●	●	●	●		●			0034.6716
1.25	250	1)	130	70	600	15	●		●	●	●	●			●		0034.6816
1.6	250	1)	120	60	730	30	●		●	●	●	●	●	●			0034.6617
1.6	250	1)	120	60	730	30	●		●	●	●	●		●			0034.6717
1.6	250	1)	120	60	730	30	●		●	●	●	●			●		0034.6817
2	250	1)	100	60	870	34	●		●	●	●	●	●	●			0034.6618
2	250	1)	100	60	870	34	●		●	●	●	●		●			0034.6718
2	250	1)	100	60	870	34	●		●	●	●	●			●		0034.6818
2.5	250	1)	100	50	1000	55	●		●	●	●	●	●	●			0034.6619
2.5	250	1)	100	50	1000	55	●		●	●	●	●		●			0034.6719
2.5	250	1)	100	50	1000	55	●		●	●	●	●			●		0034.6819
3.15	250	1)	100	50	1200	76	●		●	●	●	●	●	●			0034.6620
3.15	250	1)	100	50	1200	76	●		●	●	●	●		●			0034.6720
3.15	250	1)	100	50	1200	76	●		●	●	●	●			●		0034.6820
4	250	2)	100	50	1400	80	●		●	●	●	●	●	●			0034.6621
4	250	2)	100	50	1400	80	●		●	●	●	●		●			0034.6721

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]	Melting I ² t 10.0 I _n typ. [A²s]								S	L	T	Order Number
4	250	2)	100	50	1400	80	●		●	●	●	●	●			●	0034.6821
5	250	3)	-	50	-	230		●	●	●			●	●			0034.6622
5	250	3)	-	50	-	230		●	●	●			●		●		0034.6722
5	250	3)	-	50	-	230		●	●	●			●			●	0034.6822
6.3	250	3)	-	45	-	360		●	●				●	●			0034.6623
6.3	250	3)	-	45	-	360		●	●				●		●		0034.6723
6.3	250	3)	-	45	-	360		●	●				●			●	0034.6823

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

1) IEC: 35 A @ 250 VAC

1) UL: 35 A @ 250 VAC / 50 A @ 63 VDC

2) IEC: 10 In @ 250 VAC

2) UL: 10 In @ 250 VAC / 50 A @ 63 VDC

3) IEC: 10 In @ 250 VAC

3) UL: 10 In @ 250 VAC / 10 In @ 63 VDC

Packaging Unit acc. IEC 60286-2

S = 4.3 mm	100 pcs in ESD-plastic bag
L = 18.8 mm	100 St. (Bulk)
T = 18.8 mm	750 pcs. in tape [P = P0: 12.7; P1: 3.81; H1: 26.45] on reel [A: 360; W3: 40; W4: 52; C: 30.5]