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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Subminiature Fuse, 8.5 mm, Time-Lag T, 250 VAC, cULus



UL 248-14 · 250 VAC · Time-Lag T

See below:  
[Approvals and Compliances](#)

**Description**

- Directly solderable on printed circuit boards
- Low Breaking Capacity


**References**

- [Packaging Details](#)
- Corresponding Fuseholder [FMS \(250V\)](#)

**Weblinks**

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

**Technical Data**

Rated Voltage	250 VAC	Soldering Methods	Wave <a href="#">Soldering Profile</a>
Rated current	0.063 - 10 A	Solderability	235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta
Breaking Capacity	50 A	Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-20, Test Tb
Characteristic	Time-Lag T	Current Carrying Capacity	acc. to EIA/IS-722, Test 4.3.3
Mounting	PCB, THT	Moisture Resistance Test	MIL-STD-202, Method 106E (50 cycles in a temp./mister chamber)
Admissible Ambient Air Temp.	-40 °C to 85 °C	Terminal Strength	MIL-STD-202, Method 211A (Deflection of board 1 mm for 1 minute)
Climatic Category	40/085/21 acc. to IEC 60068-1	Case Resistance	acc. to EIA/IS-722, Test 4.7 >100 MΩ (between leads and body)
Material: Housing	Thermoplastic, UL 94V-0	Mechanical Shock	(acc. to EIA/IS-722, Test 4.9)
Material: Terminals	Tin-Plated Copper	Vibration, High Frequency	MIL-STD-202, Method 204D Shock 20 gn, 20 min, 10-2 kHz, 12 cyc.
Unit Weight	0.53 g	Resistance to Solvents	MIL-STD-202, Method 215A
Storage Conditions	0 °C to 40 °C, max. 70% r.h.	Flammability	UL 94V-0 (acc. to EIA/IS-722, Test 4.12)
Product Marking	 Type, Rated current, Rated Voltage, Characteristic, Approvals		


**Approvals and Compliances**

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

**Approvals**



The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: MSTU 250

Approval Logo	Certificates	Certification Body	Description
	<a href="#">UL Approvals</a>	UL	UL File Number: E41599

**Product standards**

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	UL 248-14	Low voltage fuses - Part 14: Additional fuses
	Designed according to	CSA22.2 No. 248.14	Low-Voltage Fuses - Part 14: Supplemental Fuses





## Application standards

Application standards where the product can be used

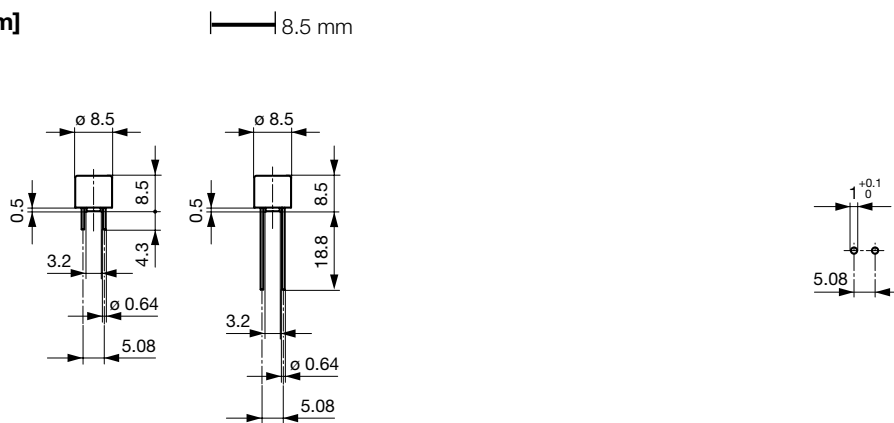
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

## Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	<a href="#">CE declaration of conformity</a>	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

## Dimension [mm]



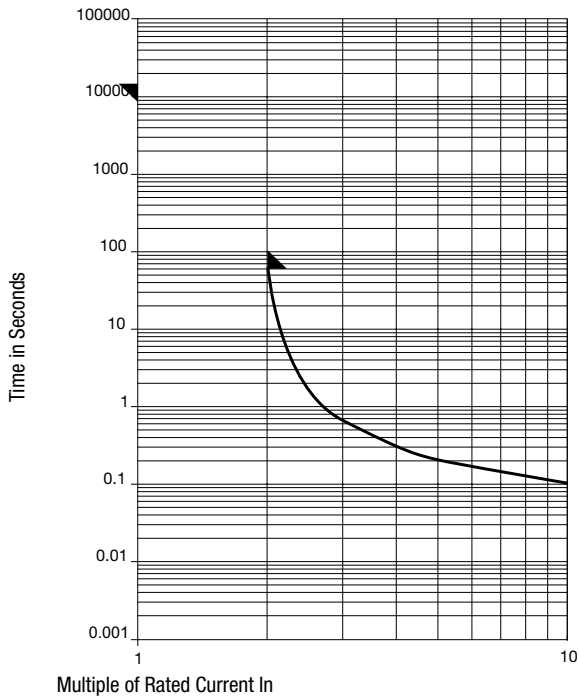
Drilling diagram

## Pre-Arcing Time


Rated Current  $I_n$     1.0 x  $I_n$  min.    2.0 x  $I_n$  max.


0.063 A - 10 A	4 h	120 s
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Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.0 In typ. [mW]	Melting I <sup>2</sup> t 10.0 In typ. [A <sup>2</sup> s]		S	L	T	Order Number
0.063	250	1)	544	37	0.0176	●	●			0034.7103
0.08	250	1)	413	38	0.0313	●	●			0034.7104
0.1	250	1)	318	35	0.0456	●	●			0034.7105
0.125	250	1)	289	40	0.0567	●	●			0034.7106
0.16	250	1)	219	38	0.0692	●	●			0034.7107
0.2	250	1)	262	60	0.133	●	●			0034.7108
0.25	250	1)	202	55	0.258	●	●			0034.7109
0.315	250	1)	168	49	0.361	●	●			0034.7110
0.4	250	1)	159	69	0.528	●	●			0034.7111
0.5	250	1)	143	78	0.898	●	●			0034.7112
0.63	250	1)	124	85	2.24	●	●			0034.7113
0.8	250	1)	114	98	4.05	●	●			0034.7114
1	250	1)	100	107	6.85	●	●			0034.7115
1.25	250	1)	94	127	7.93	●	●			0034.7116
1.6	250	1)	85	145	17.5	●	●			0034.7117
2	250	1)	80	175	28.6	●	●			0034.7118
2.5	250	1)	75	205	40.9	●	●			0034.7119
3.15	250	1)	71	240	55	●	●			0034.7120
4	250	1)	72	303	67.2	●	●			0034.7121
5	250	1)	70	376	142	●	●			0034.7122
6.3	250	1)	68	488	287	●	●			0034.7123
8	250	1)	50	445	422	●	●			0034.7124
10	250	1)	50	630	564	●	●			0034.7125
0.063	250	1)	544	37	0.0176	●		●		0034.7203
0.08	250	1)	413	38	0.0313	●		●		0034.7204
0.1	250	1)	318	35	0.0456	●		●		0034.7205
0.125	250	1)	289	40	0.0567	●		●		0034.7206

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.0 In typ. [mW]	Melting I <sup>2</sup> t 10.0 In typ. [A <sup>2</sup> s]		S	L	T	Order Number
0.16	250	1)	219	38	0.0692	●	●			0034.7207
0.2	250	1)	262	60	0.133	●	●			0034.7208
0.25	250	1)	202	55	0.258	●	●			0034.7209
0.315	250	1)	168	49	0.361	●	●			0034.7210
0.4	250	1)	159	69	0.528	●	●			0034.7211
0.5	250	1)	143	78	0.898	●	●			0034.7212
0.63	250	1)	124	85	2.24	●	●			0034.7213
0.8	250	1)	114	98	4.05	●	●			0034.7214
1	250	1)	100	107	6.85	●	●			0034.7215
1.25	250	1)	94	127	7.93	●	●			0034.7216
1.6	250	1)	85	145	17.5	●	●			0034.7217
2	250	1)	80	175	28.6	●	●			0034.7218
2.5	250	1)	75	205	40.9	●	●			0034.7219
3.15	250	1)	71	240	55	●	●			0034.7220
4	250	1)	72	303	67.2	●	●			0034.7221
5	250	1)	70	376	142	●	●			0034.7222
6.3	250	1)	68	488	287	●	●			0034.7223
8	250	1)	50	445	422	●	●			0034.7224
10	250	1)	50	630	564	●	●			0034.7225
0.063	250	1)	544	37	0.0176	●		●		0034.7303
0.08	250	1)	413	38	0.0313	●		●		0034.7304
0.1	250	1)	318	35	0.0456	●		●		0034.7305
0.125	250	1)	289	40	0.0567	●		●		0034.7306
0.16	250	1)	219	38	0.0692	●		●		0034.7307
0.2	250	1)	262	60	0.133	●		●		0034.7308
0.25	250	1)	202	55	0.258	●		●		0034.7309
0.315	250	1)	168	49	0.361	●		●		0034.7310
0.4	250	1)	159	69	0.528	●		●		0034.7311
0.5	250	1)	143	78	0.898	●		●		0034.7312
0.63	250	1)	124	85	2.24	●		●		0034.7313
0.8	250	1)	114	98	4.05	●		●		0034.7314
1	250	1)	100	107	6.85	●		●		0034.7315
1.25	250	1)	94	127	7.93	●		●		0034.7316
1.6	250	1)	85	145	17.5	●		●		0034.7317
2	250	1)	80	175	28.6	●		●		0034.7318
2.5	250	1)	75	205	40.9	●		●		0034.7319
3.15	250	1)	71	240	55	●		●		0034.7320
4	250	1)	72	303	67.2	●		●		0034.7321
5	250	1)	70	376	142	●		●		0034.7322
6.3	250	1)	68	488	287	●		●		0034.7323
8	250	1)	50	445	422	●		●		0034.7324
10	250	1)	50	630	564	●		●		0034.7325

Availability for all products can be searched real-time: <https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

1) 50 A @ 250 VAC

### Packaging Unit

- S = Plastic Bag (100 pcs.)
- L = Bulk (100 pcs.)
- T = Taped 36 cm Reel (750 pcs.)