



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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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Surface Mount Fuse, 7.4 x 3.1 mm, Time-Lag T, 125 VAC, 125 VDC



Exemplary part photo depending on part no.

UL 248-14 · 125 VAC · 125 VDC · Time-Lag T



Description

- Directly solderable on printed circuit boards

Standards

- UL 248-14
- CSA C22.2 no. 248.14

Approvals

- UL File Number: E41599

References

[Packaging Details](#)


Corresponding Fuseholder [OMH 125](#)

Assembled Fuseholder [OMZ 125](#)

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

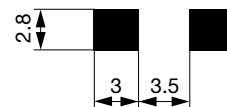
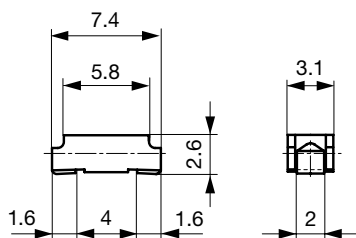
Rated Voltage	125 VAC, 125 VDC
Rated current	0.25 - 6.3 A
Breaking Capacity	100 A
Characteristic	Time-Lag T
Mounting	PCB, SMT
Admissible Ambient Air Temp.	-40 °C to +85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Housing	Thermoplastic, UL 94V-0
Material: Terminals	Tin-Plated Copper Alloy
Unit Weight	0.01 g
Storage Conditions	0 °C to 40 °C, max. 70% r.h.
Product Marking	 , Type, Rated current, Approvals

Soldering Methods	Reflow, Wave Soldering Profile
Solderability	245 °C / 3 sec acc. to IEC 60068-2-58, Test Td
Resistance to Soldering Heat	260 +0/-5 °C / 40 sec acc. to IPC/JEDEC J-STD-020D, Level 1
Moisture Resistance Test	MIL-STD-202, Method 106E (50 cycles in a temp./mister chamber)
Terminal Strength	MIL-STD-202, Method 211A (Deflection of board 1 mm for 1 minute)
Case Resistance	acc. to EIA/IS-722, Test 4.7 >100 MΩ (between leads and body)
Mechanical Shock	MIL-STD-202, Method 213B (Shock 50g, half sine wave, 11 ms)
Resistance to Solvents	MIL-STD-202, Method 215A

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

Dimension

 7.4 mm

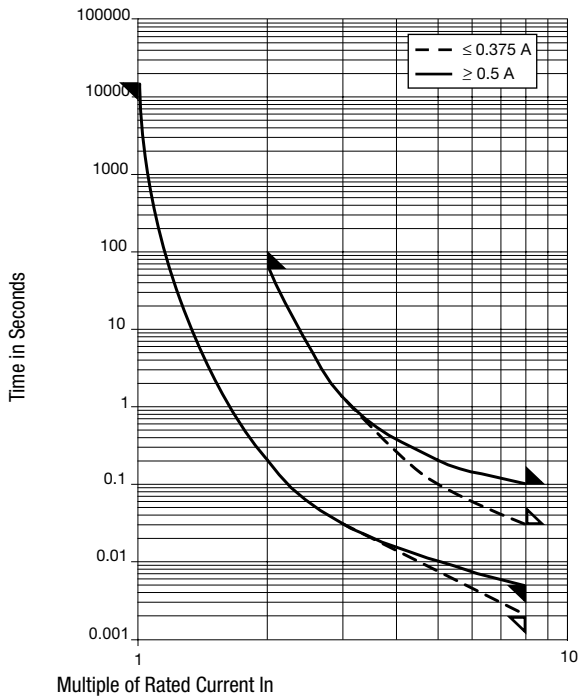


Soldering pads

Pre-Arcing Time


Rated Current I_n	1.0 x I_n min.	2.0 x I_n max.	8.0 x I_n min.	8.0 x I_n max.
0.25 A - 0.375 A	4 h	60 s	2 ms	30 ms
0.5 A - 6.3 A	4 h	60 s	5 ms	100 ms

Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 I_n typ. [mV]	Power Dissipation 1.0 I_n typ. [mW]	Melting I^2t 8.0 I_n typ. [A ² s]	$c(U)_{US}$	Order Number
0.25	125	125	1)	142	35.5	0.02	●	3404.0110.11
0.25	125	125	1)	142	35.5	0.02	●	3404.0110.22
0.25	125	125	1)	142	35.5	0.02	●	3404.0110.24
0.375	125	125	1)	123	46.1	0.054	●	3404.0111.11
0.375	125	125	1)	123	46.1	0.054	●	3404.0111.22
0.375	125	125	1)	123	46.1	0.054	●	3404.0111.24
0.5	125	125	1)	95	47.5	0.16	●	3404.0112.11
0.5	125	125	1)	95	47.5	0.16	●	3404.0112.22
0.5	125	125	1)	95	47.5	0.16	●	3404.0112.24
0.75	125	125	1)	92	69	0.43	●	3404.0113.11
0.75	125	125	1)	92	69	0.43	●	3404.0113.22
0.75	125	125	1)	92	69	0.43	●	3404.0113.24
1	125	125	1)	88	88	0.77	●	3404.0114.11
1	125	125	1)	88	88	0.77	●	3404.0114.22
1	125	125	1)	88	88	0.77	●	3404.0114.24
1.5	125	125	1)	82	123	1.73	●	3404.0115.11
1.5	125	125	1)	82	123	1.73	●	3404.0115.22
1.5	125	125	1)	82	123	1.73	●	3404.0115.24
2	125	125	1)	75	150	3.58	●	3404.0116.11
2	125	125	1)	75	150	3.58	●	3404.0116.22
2	125	125	1)	75	150	3.58	●	3404.0116.24
2.5	125	125	1)	137	343	5.6	●	3404.0117.11

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.0 I _n typ. [mW]	Melting I ² t 8.0 In typ. [A ² s]		Order Number
2.5	125	125	1)	137	343	5.6	●	3404.0117.22
2.5	125	125	1)	137	343	5.6	●	3404.0117.24
3	125	125	1)	128	384	8.06	●	3404.0118.11
3	125	125	1)	128	384	8.06	●	3404.0118.22
3	125	125	1)	128	384	8.06	●	3404.0118.24
3.5	125	125	1)	119	417	11.76	●	3404.0119.11
3.5	125	125	1)	119	417	11.76	●	3404.0119.22
3.5	125	125	1)	119	417	11.76	●	3404.0119.24
4	125	125	1)	77	308	12.3	●	3404.0120.11
4	125	125	1)	77	308	12.3	●	3404.0120.22
4	125	125	1)	77	308	12.3	●	3404.0120.24
5	125	125	1)	79	395	20.8	●	3404.0121.11
5	125	125	1)	79	395	20.8	●	3404.0121.22
5	125	125	1)	79	395	20.8	●	3404.0121.24
6.3	125	125	1)	82	516	25.4	●	3404.0122.11
6.3	125	125	1)	82	516	25.4	●	3404.0122.22
6.3	125	125	1)	82	516	25.4	●	3404.0122.24

 Most Popular.

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

1) 100 A @ 125 VAC / 100 A @ 125 VDC

Packaging Unit

- .xx = .11 Plastic Bag (100 pcs.)
- .xx = .22 Blister Tape 18 cm Reel (750 pcs.)
- .xx = .24 Blister Tape 33 cm Reel (3000 pcs.)