



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 with Holder, 12 x 5.2 mm, Time-Lag T, 125 VAC, 125 VDC



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



### Description

- Directly solderable on printed circuit boards
- OMZ 125 = OMT 125 + OMH 125

### Standards

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


### References

[Packaging Details](#)

### 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

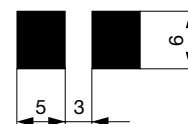
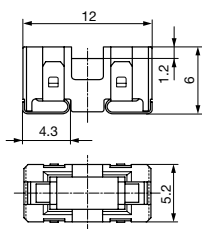
Rated Voltage	125 VAC, 125 VDC
Rated current	0.25 - 5 A
Breaking Capacity	100 A
Characteristic	Time-Lag T
Mounting	PCB, SMT
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Housing	Thermoplastic, UL 94V-0
Material: Terminals	Tin-Plated Copper
Unit Weight	0.47 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Type, Rated current, Approvals

Soldering Methods	Reflow
	<a href="#">Soldering Profile</a>
Solderability	245 °C / 3 sec acc. to IEC 60068-2-58, Test Td
Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-58, Test Td

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

### Dimension

 12 mm

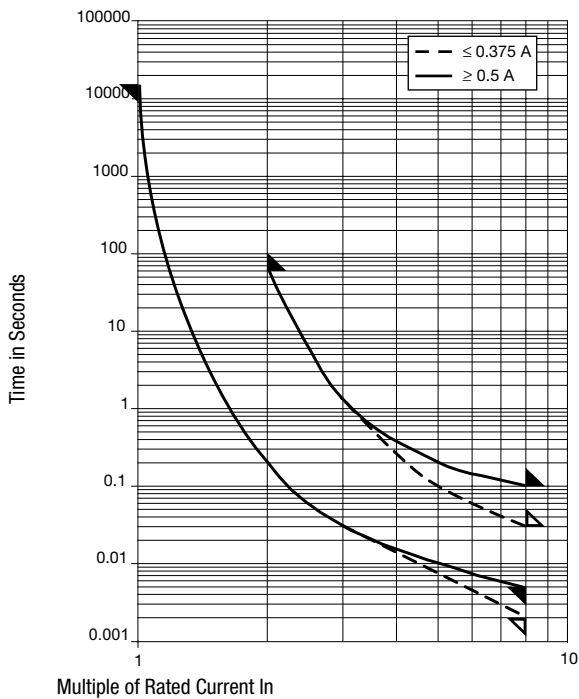


Soldering pads

### Pre-Arcing Time

Rated Current In	1.0 x In min.	2.0 x In max.	8.0 x In min.	8.0 x In max.
0.25 A - 0.375 A	4 h	60 s	2 ms	10 ms
0.5 A - 6.3 A	4 h	60 s	5 ms	100 ms

Time-Current-Curves



All Variants

Fuse	Holder	Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 I <sub>n</sub> typ. [mV]	Power Dissipation 1.0 I <sub>n</sub> typ. [mW]	Melting I <sup>2</sup> t 8.0 I <sub>n</sub> typ. [A <sup>2</sup> s]	Order Number
●	●	0.25	125	125	1)	142	35.5	0.02	3404.2320.11
●	●	0.25	125	125	1)	142	35.5	0.02	3404.2320.22
●	●	0.25	125	125	1)	142	35.5	0.02	3404.2320.23
●	●	0.375	125	125	1)	123	46.1	0.054	3404.2321.11
●	●	0.375	125	125	1)	123	46.1	0.054	3404.2321.22
●	●	0.375	125	125	1)	123	46.1	0.054	3404.2321.23
●	●	0.5	125	125	1)	95	47.5	0.16	3404.2322.11
●	●	0.5	125	125	1)	95	47.5	0.16	3404.2322.22
●	●	0.5	125	125	1)	95	47.5	0.16	3404.2322.23
●	●	0.75	125	125	1)	92	69	0.43	3404.2323.11
●	●	0.75	125	125	1)	92	69	0.43	3404.2323.22
●	●	0.75	125	125	1)	92	69	0.43	3404.2323.23
●	●	1	125	125	1)	88	88	0.77	3404.2324.11
●	●	1	125	125	1)	88	88	0.77	3404.2324.22
●	●	1	125	125	1)	88	88	0.77	3404.2324.23
●	●	1.5	125	125	1)	82	123	1.73	3404.2325.11
●	●	1.5	125	125	1)	82	123	1.73	3404.2325.22
●	●	1.5	125	125	1)	82	123	1.73	3404.2325.23
●	●	2	125	125	1)	75	150	3.58	3404.2326.11
●	●	2	125	125	1)	75	150	3.58	3404.2326.22
●	●	2	125	125	1)	75	150	3.58	3404.2326.23
●	●	2.5	125	125	1)	137	343	5.6	3404.2327.11
●	●	2.5	125	125	1)	137	343	5.6	3404.2327.22
●	●	2.5	125	125	1)	137	343	5.6	3404.2327.23
●	●	3	125	125	1)	128	384	8.06	3404.2328.11
●	●	3	125	125	1)	128	384	8.06	3404.2328.22
●	●	3	125	125	1)	128	384	8.06	3404.2328.23
●	●	3.5	125	125	1)	119	417	11.76	3404.2329.11

Fuse	Holder	Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.0 I <sub>n</sub> typ. [mW]	Melting I <sup>2</sup> t 8.0 In typ. [A <sup>2</sup> s]	Order Number
●	●	3.5	125	125	1)	119	417	11.76	3404.2329.22
●	●	3.5	125	125	1)	119	417	11.76	3404.2329.23
●	●	4	125	125	1)	77	308	12.3	3404.2330.11
●	●	4	125	125	1)	77	308	12.3	3404.2330.22
●	●	4	125	125	1)	77	308	12.3	3404.2330.23
●	●	5	125	125	1)	79	395	20.8	3404.2331.11
●	●	5	125	125	1)	79	395	20.8	3404.2331.22
●	●	5	125	125	1)	79	395	20.8	3404.2331.23

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

1) 100 A @ 125 VAC , p.f. ≥ 0.95 / 100 A @ 125 VDC

**Packaging Unit**     .xx = .11 Plastic Bag (100 pcs.)  
                               .xx = .22 Blister Tape 33 cm Reel (750 pcs.)  
                               .xx = .23 Blister Tape 38 cm Reel (1500 pcs.)