

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



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



CCC

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

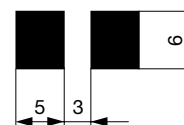
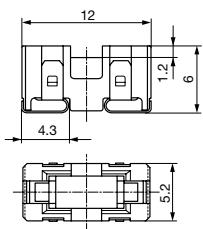
[pdf](#), [html](#), [General Product Information](#), [Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

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, Current, Approvals

Soldering Methods	Reflow
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

Dimensions



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	10 ms
0.5 A - 6.3 A	4 h	60 s	5 ms	100 ms

Variants

Fuse	Holder	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 ² t 8.0 In typ. [A ² s]	CCC	Order Number
●	●	0.25	125	125	1)	142	35.5	0.02	●	3404.2320.xx
●	●	0.375	125	125	1)	123	46.1	0.054	●	3404.2321.xx
●	●	0.5	125	125	1)	95	47.5	0.16	●	3404.2322.xx
●	●	0.75	125	125	1)	92	69	0.43	●	3404.2323.xx
●	●	1	125	125	1)	88	88	0.77	●	3404.2324.xx
●	●	1.5	125	125	1)	82	123	1.73	●	3404.2325.xx
●	●	2	125	125	1)	75	150	3.58	●	3404.2326.xx
●	●	2.5	125	125	1)	137	343	5.6	●	3404.2327.xx
●	●	3	125	125	1)	128	384	8.06	●	3404.2328.xx
●	●	3.5	125	125	1)	119	417	11.76	●	3404.2329.xx
●	●	4	125	125	1)	77	308	12.3	●	3404.2330.xx
●	●	5	125	125	1)	79	395	20.8	●	3404.2331.xx

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 18 cm Reel (750 pcs.)
- .xx = .23 Blister Tape 33 cm Reel (1500 pcs.)

Time-Current-Curves

