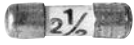


MSB



IEC 60127-4 · 125 VAC/DC · Time-Lag T



Description

- Low Breaking Capacity
- Directly solderable on printed circuit boards

Standards

- IEC 60127-4/2
- UL 248-14
- CSA C22.2 no. 248.14

Approvals

- UL File Number: E42088

References

[General Product Information](#)

Time-Current Curves see last page

[Packaging Details](#)

Corresponding Fuseholder [231786](#);


Corresponding Fuseholder [231787](#)

Weblinks

Approvals: <http://www.schurter.com/approvals>

RoHS: <http://www.schurter.com/rohs>

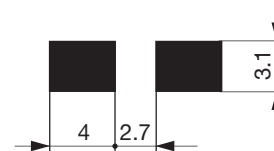
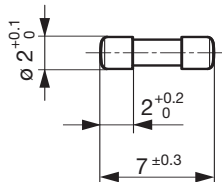
Technical Data

Rated Voltage	65 - 125 VAC/DC
Rated Current	0.75 - 15 A
Breaking Capacity	50 A - 150 A
Characteristic	Time-Lag T
Mounting	PCB,SMT
Admissible Ambient Air Temp.	-55 °C to 85 °C
Climatic Category	55/085/56 acc. to IEC 60068-1
Material: Tube	Ceramic
Material: Endcaps	Tin-Plated Copper Alloy
Unit Weight	0.07 g
Stock Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Current Rating

Soldering Methods	Reflow, Wave
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

Length  7 mm




Solder pads

Pre-Arcing Time

Rated Current In	1.1 x In min.	1.25 x In min.	2.0 x In max.	10.0 x In min.	10.0 x In max.
0.75 A - 1.5 A	-	60 min	120 s	5 ms	100 ms
2 A - 8 A	-	60 min	120 s	10 ms	100 ms
10 A - 15 A	60 min	-	120 s	10 ms	100 ms

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Variants

Order Number	Type	Rated Current [A]	Rated Voltage [V]	Breaking Capacity	Voltage Drop 1.0 In typ [mV]	Power Dissipation 1.1 In typ [mW]	Power Dissipation 1.25 In typ [mW]	Melting I ² t 10.0 In typ [A ² s]	
7010.9960.xx	MSB	0.75	125	1)	106		145	0.4	●
7010.9961.xx	MSB	1	125	1)	97		179	0.79	●
7010.9962.xx	MSB	1.5	125	1)	91		240	2.1	●
7010.9963.xx	MSB	2	125	1)	88		315	4.1	●
7010.9964.xx	MSB	2.5	125	1)	84		375	6.9	●
7010.9965.xx	MSB	3.15	125	1)	80		450	12	●
7010.9966.xx	MSB	3.5	125	1)	79		490	15	●
7010.9967.xx	MSB	4	125	1)	76		545	21	●
7010.9968.xx	MSB	5	125	1)	87		620	29	●
7010.9969.xx	MSB	6.3	125	2)	85		850	51	●
7010.9970.xx	MSB	8	65	3)	83		1200	83	●
7010.9971.xx	MSB	10	65	3)	81	1100		140	●
7010.9972.xx	MSB	12	65	3)	80	1150		215	●
7010.9973.xx	MSB	15	65	3)	78	1750		360	●

1) 50 A @ 125 VAC/DC

2) 63 A @ 125 VAC/DC

3) 150 A @ 65 VAC/DC

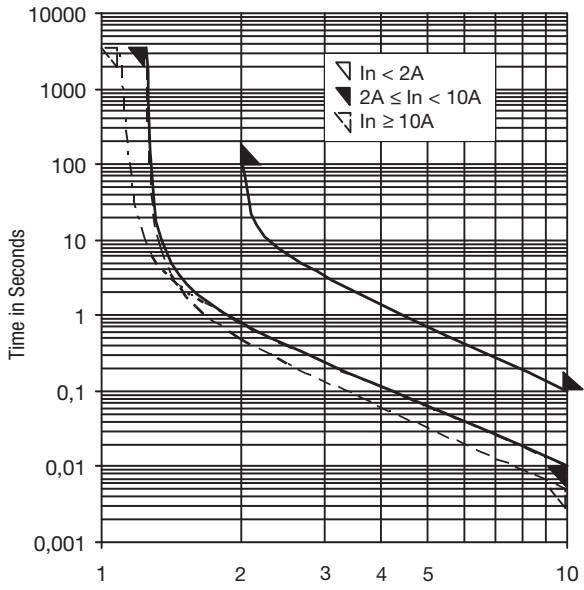
Packaging Unit

.63 Plastic Bag (100 pcs.)

.57 Blister Tape 18 cm Reel (1500 pcs.)

.59 Blister Tape 33 cm Reel (5000 pcs.)

MSB



Multiple of Rated Current I_n