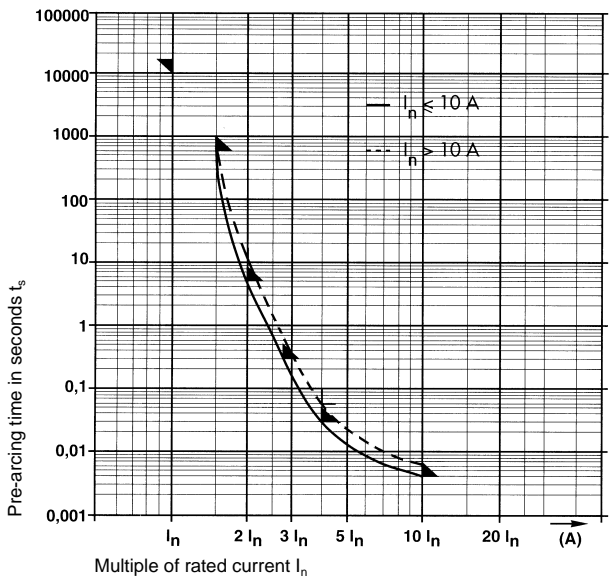
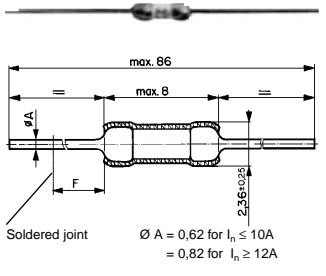


# MSA 125V/250V Quick-acting Miniature Fuse - High Breaking Capacity



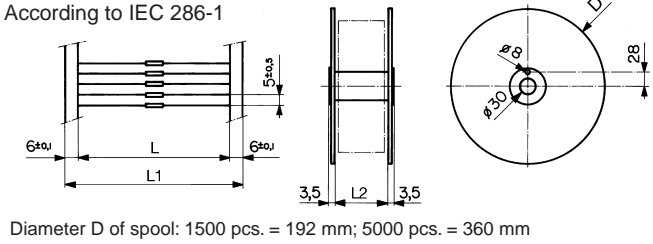
IEC 127-3/2; EN 60127-3/2  
UL 248-14 (formerly 198.G)  
CSA C22.2 No. 248.14 (formerly 59.2 M)



Approvals (series reference 172322)  
UL 63mA-15A File #E41599  
CSA 63mA-15A File #LR74944

Approvals (series reference 172593; 250V versions)  
UL/CSA File # C-UL-US E 42088

L	L1	L2
73 ± 2	85 ± 2	90
53 ± 2	65 ± 2	70
63 ± 2	75 ± 2	80



Diameter D of spool: 1500 pcs. = 192 mm; 5000 pcs. = 360 mm

Technical data	
<b>Ambient temperature max. T<sub>a</sub></b>	- 55 °C to + 85 °C
<b>Solderability and soldering conditions acc. to IEC 68-2-20 by thermal shield 1,5 mm thickness</b>	Wave bath: 260°C/10 sec., body Spaced ≥ 3 mm from solder joint F  Soldering iron: 350°C/3,5 sec., body Spaced ≥ 6 mm from solder joint F
<b>Materials:</b>	Insulated tube Insulated shroud Caps Terminals  Ceramic Hot resistant plastic Brass, tin plated Copper, tin-plated

Pre-arcing time/current characteristic (at T <sub>a</sub> 23 °C)								
Rated current I <sub>n</sub>	n · I <sub>n</sub>	1 · I <sub>n</sub> *	1,5 · I <sub>n</sub> **	2 · I <sub>n</sub>	2,75 · I <sub>n</sub>	3 · I <sub>n</sub>	4 · I <sub>n</sub>	10 · I <sub>n</sub>
	min.	max.	max	max.	max.	max.	max.	max.
≤ 10 A	4 h	600 s	5 s	300 ms	30 ms		4 ms	
> 10 A		4 h	600 s	10 s			60 ms	
250 V version	> 4 h			≤ 60 s		≤ 0.1 s		

\* Non fusing current I<sub>nf</sub>      \*\* Only according to UL

Order No. / †	Rated current I <sub>n</sub> Rated voltage U <sub>n</sub>	Breaking capacity	Voltage drop at I <sub>n</sub>		Max. sustained power dissipation at 1,5 I <sub>n</sub>		Pre-arcing t <sub>p</sub> 10 · I <sub>n</sub>	Approvals
			max. IEC 127	max.	max. IEC 127 mW	max. mW		
Loose	Tape and Reel							
0034.4807	0034.4857	63 mA*/ 125 V	2230	1050	154	66.5	0,0008	• •
0034.4810	0034.4860	125 mA*/ 125 V	1500	900	206	115	0,0036	• • •
0034.4813	0034.4863	250 mA*/ 125 V	1000	325	275	82.5	0,0094	• • •
0034.4815	0034.4865	375 mA / 125 V		245		92	0,019	• • •
0034.4817	0034.4867	500 mA*/ 125 V	1000	280	550	130	0,07	• • •
0034.4820	0034.4870	750 mA / 125 V		245		185	0,18	• • •
0034.4822	0034.4872	1 A*/ 125 V	275	210	303	210	0,3	• • •
0034.4824	0034.4874	1.5 A / 125 V		230		345	0,38	• • •
0034.4826	0034.4876	2 A*/ 125 V	250	190	550	380	1,1	• • •
0034.4827	0034.4877	2.5 A*/ 125 V	250	175	668	440	1,4	• • •
0034.4828	0034.4878	3 A / 125 V		170		510	2	• • •
0034.4830	0034.4880	3.5 A / 125 V		160		560	2,6	• • •
0034.4831	0034.4881	4 A*/ 125 V	225	180	990	720	4	• • •
0034.4832	0034.4882	5 A*/ 125 V	225	170	1238	850	6,2	• • •
0034.4833	0034.4883	7 A / 125 V		135		945	13	• • •
0034.4834	0034.4884	10 A / 125 V		130		1300	39	• • •
0034.4835	0034.4885	12 A / 32 V		120		1450	57	• • •
0034.4836	0034.4886	15 A / 32 V		120		1800	90	• • •

Color coded sleeves available on request  
\* Rated currents of IEC  
† for part numbers and ordering data for the 250V version, contact Schurter Inc.