

# MINIATURE FUSES



## SIBA Miniature Fuses

### Sizes:

- Cylindrical fuses: 5 x 20 · 6.3 x 32 · 5 x 25  
5 x 30 · 8 x 50 · 8 x 85  
10 x 85 · 8 x 120 · 8 x 150 mm
- Radial lead
- 2 pin fuses: KS, Ø 8.4 mm
- SMD fuses:

Voltage ratings: 65 V - 10 kV

Operation class: **F** fast acting  
**T** time lag  
**M** medium time lag  
**FF** very fast acting

Standards: IEC 60127  
DIN VDE 0820  
CEE4  
UL 248-14  
UL 512  
CSA-C22.2 No. 248.14

Approvals:



SEV, BEAB

## Features / Benefits

- ▷ Very high interrupting rating up to 70 kA
- ▷ High rated voltages up to 10 kV
- ▷ High fuse ratings available for semiconductor protection
- ▷ Fuse bases, clips and accessories are available

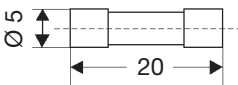


**MINIATURE FUSES**  
CERAMIC TUBE

**FF**

Size **5 x 20 mm**      Rated voltage **250 V**      **very fast acting**      Standard **not standardized**

Rated current	Part No.	Voltage drop mV	Pre-arcing I <sup>2</sup> t <sub>s</sub> -value A <sup>2</sup> s	Rated breaking capacity	Power dissipation W	cURus	Weight (kg/100)	Pack
100 mA	70 001 40	4000	0.0016	300 kA	0.4	✓	0.14	100
125 mA	70 001 40	3500	0.0024	300 kA	0.5	✓	0.14	100
160 mA	70 001 40	1300	0.004	300 kA	0.3	✓	0.14	100
200 mA	70 001 40	1100	0.008	300 kA	0.3	✓	0.14	100
250 mA	70 001 40	1000	0.019	300 kA	0.3	✓	0.14	100
315 mA	70 001 40	900	0.03	300 kA	0.3	✓	0.14	100
400 mA	70 001 40	850	0.065	300 kA	0.4	✓	0.14	100
500 mA	70 001 40	800	0.12	300 kA	0.4	✓	0.14	100
630 mA	70 001 40	700	0.17	300 kA	0.5	✓	0.14	100
800 mA	70 001 40	600	0.26	300 kA	0.5	✓	0.14	100
1 A	70 001 40	750	0.17	300 kA	0.8	✓	0.14	100
1.25 A	70 001 40	750	0.26	300 kA	1.0	✓	0.14	100
1.6 A	70 001 40	700	0.31	300 kA	1.2	✓	0.14	100
2 A	70 001 40	650	0.64	300 kA	1.3	✓	0.14	100
2.5 A	70 001 40	600	0.88	300 kA	1.5	✓	0.14	100
3.15 A	70 001 40	550	1.6	300 kA	1.8	✓	0.14	100
4 A	70 001 40	500	3.2	300 kA	2.0	✓	0.14	100
5 A	70 001 40	500	5.9	300 kA	2.4	✓	0.14	100
6.3 A	70 001 40	450	10	1500 A	2.8		0.14	100
8 A	70 001 40	400	19	1500 A	3.2		0.14	100
10 A	70 001 40	400	30	1500 A	4.0		0.14	100
6.3 A	70 007 40	250	1.6	300 kA	2.8	✓	0.14	100
8 A	70 007 40	250	4.5	300 kA	3.0	✓	0.14	100
10 A	70 007 40	200	8.8	300 kA	3.4	✓	0.14	100
12.5 A	70 007 40	200	15	300 kA	4.0	✓	0.14	100



**Pre-arcing time limits**

**Part No. 70 001 40**

Rated current	1.0 I <sub>rat</sub>	2.0 I <sub>rat</sub>	2.75 I <sub>rat</sub>	4 I <sub>rat</sub>	10 I <sub>rat</sub>
160 mA	> 1 h	> 1 h	> 1 h	< 60 ms	< 6 ms
800 mA					
1 A	> 1 h	15 ms	4 ms	1 ms	< 3 ms
10 A		1 s	100 ms	25 ms	

**Part No. 70 007 40**

Rated current	1.2 I <sub>rat</sub>	1.5 I <sub>rat</sub>	2.75 I <sub>rat</sub>	4 I <sub>rat</sub>	10 I <sub>rat</sub>
6.3 A	> 1 h	< 30 min	4 ms	1 ms	< 1 ms
12.5 A			300 ms	30 ms	

