



Fuses for Semiconductor Protection

Cylindrical Fuses

Size
5 x 20 mm

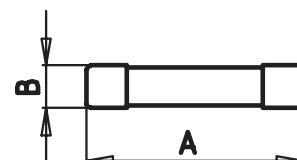
Rated Voltage
AC 250 V

Class
aR

Rated Current [A]	Part No.	Rated Breaking Capacity [kA]	UL Rec.	Weight [kg/100]	Pack	
100 mA	70 001 40.0.100	300	✓	0.14	100	
125 mA	70 001 40.0.125	300	✓	0.14	100	
160 mA	70 001 40.0.160	300	✓	0.14	100	
200 mA	70 001 40.0.200	300	✓	0.14	100	
250 mA	70 001 40.0.250	300	✓	0.14	100	
315 mA	70 001 40.0.315	300	✓	0.14	100	
400 mA	70 001 40.0.400	300	✓	0.14	100	
500 mA	70 001 40.0.500	300	✓	0.14	100	
630 mA	70 001 40.0.630	300	✓	0.14	100	
800 mA	70 001 40.0.800	300	✓	0.14	100	
1	70 001 40.1	300	✓	0.14	100	
1.25	70 001 40.1.25	300	✓	0.14	100	
1.6	70 001 40.1.6	300	✓	0.14	100	
2	70 001 40.2	300	✓	0.14	100	
2.5	70 001 40.2.5	300	✓	0.14	100	
3.15	70 001 40.3.15	300	✓	0.14	100	
4	70 001 40.4	300	✓	0.14	100	
5	70 001 40.5	300	✓	0.14	100	
6.3	70 001 40.6.3	1 500 A		0.14	100	
8	70 001 40.8	1 500 A		0.14	100	
10	70 001 40.10	1 500 A		0.14	100	
6.3	70 007 40.6.3	300	✓	0.14	100	
8	70 007 40.8	300	✓	0.14	100	
10	70 007 40.10	300	✓	0.14	100	
12.5	70 007 40.12.5	300	✓	0.14	100	

A 0.79" (20 mm)

B 0.2" (5 mm)



Size
5 x 20 mm

 Rated Voltage
AC 250 V
Ceramic Tube
 Class
FF

Rated Current [A]	Part No.	Max. Voltage Drop [mV]	Power Loss [W]	Pre-arcing I ² t-value [A ² s]	Total I ² t-value [A ² s]	Rated Breaking Capacity
100 mA	70 001 40.0.100	4 000	0.4	0.0016	0.0023	
125 mA	70 001 40.0.125	3 500	0.5	0.0024	0.0034	
160 mA	70 001 40.0.160	1 300	0.3	0.004	0.0056	
200 mA	70 001 40.0.200	1 100	0.3	0.008	0.011	
250 mA	70 001 40.0.250	1 000	0.3	0.019	0.027	
315 mA	70 001 40.0.315	900	0.3	0.03	0.042	
400 mA	70 001 40.0.400	850	0.4	0.065	0.09	
500 mA	70 001 40.0.500	800	0.4	0.12	0.17	
630 mA	70 001 40.0.630	700	0.5	0.17	0.24	
800 mA	70 001 40.0.800	600	0.5	0.26	0.36	
1	70 001 40.1	750	0.8	0.17	0.26	300 kA at AC 250 V cos phi < 0.2
1.25	70 001 40.1.25	750	1.0	0.26	0.39	
1.6	70 001 40.1.6	700	1.2	0.31	0.51	
2	70 001 40.2	650	1.3	0.64	1	
2.5	70 001 40.2.5	600	1.5	0.88	1.5	
3.15	70 001 40.3.15	550	1.8	1.6	2.7	
4	70 001 40.4	500	2.0	3.2	5.4	
5	70 001 40.5	500	2.4	5.9	10	
6.3	70 007 40.6.3	250	2.8	1.6	4.8	
8	70 007 40.8	250	3.0	4.5	14	
10	70 007 40.10	200	3.4	8.8	26	
12.5	70 007 40.12.5	200	4.0	15	44	
6.3	70 001 40.6.3	450	2.8	10	17	1500 kA at AC 250 V
8	70 001 40.8	400	3.2	19	32	
10	70 001 40.10	400	4.0	30	54	

Pre-Arcing Time Limits**Part No. 70 001 40**

Rated Current	1.0 I _{rat}	2.0 I _{rat}	2.75 I _{rat}	4 I _{rat}	10 I _{rat}
100 mA ▼ 800 mA	> 1 h	–	–	< 60 ms	< 6 ms
1 A ▼ 10 A		< 1 s	4 ms ▼ 100 ms	1 ms ▼ 25 ms	< 3 ms

Part No. 70 007 40

Rated Current	1.2 I _{rat}	1.5 I _{rat}	2.75 I _{rat}	4 I _{rat}	10 I _{rat}
6.3 A ▼ 12.5 A	> 1 h	< 30 min	4 ms ▼ 300 ms	1 ms ▼ 30 ms	< 1 ms

