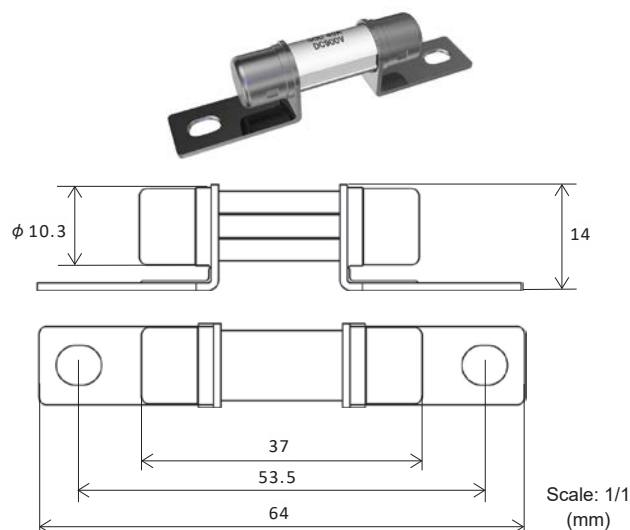
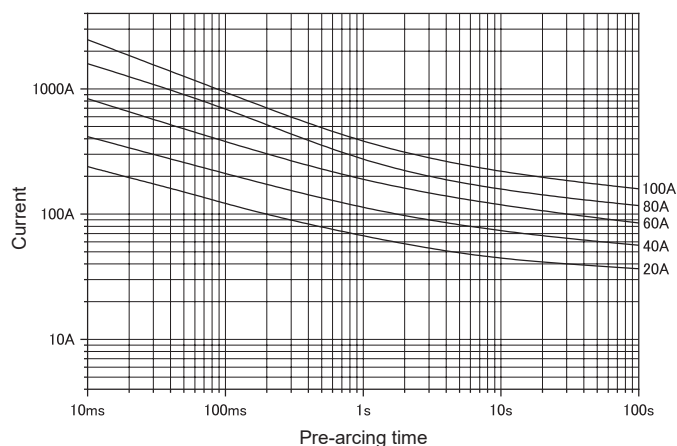


Representative pre-arcing time-current characteristics



Rated voltage	Rated current (I _N) *1	Rated breaking current		Min. breaking current	Voltage drop	Temp. rise	Current carrying capacity	Overload operation		
DC 900 V	10 A	30000 A	Resistive circuit	10.0 I _N	200 mV or less at 1.0 I _N	50 K or less at 0.7 I _N	4 h or more at 1.1 I _N	*2		
DC 500 V		16000 A		3.0 I _N						
DC 900 V	20A	10000 A		10.0 I _N				*3		
DC 500 V		16000 A		3.0 I _N						
DC 900 V	30 A	10000 A		10.0 I _N		50 K or less at 0.6 I _N		*4		
DC 500 V		16000 A		3.0 I _N						
DC 900 V	40 A	5000 A		10.0 I _N						
DC 600 V		10000 A		5.0 I _N						
DC 500 V		16000 A		3.0 I _N						
DC 700 V	50 A	5000 A		5.0 I _N		50 K or less at 0.5 I _N				
DC 600 V		10000 A		3.0 I _N						
DC 500 V		16000 A		3.0 I _N						
DC 500 V	60 A	10000 A		3.0 I _N		50 K or less at 0.5 I _N				
DC 480 V	70 A, 80 A 90 A, 100 A	5000 A	3.0 I _N	—	50 K or less at 0.5 I _N	*5				

*1: Please contact your local SOC sales representative for rated currents which are not listed.

3.0 I _N	5.0 I _N
Within 10 min	0.1 s–15 s

2.0 I _N	3.0 I _N	5.0 I _N
Within 2 min	0.1 s–15 s	0.05 s–1 s

1.35 I _N	1.5 I _N	2.0 I _N	3.0 I _N	5.0 I _N
150 s–3600 s	10 s–1000 s	0.5 s–100 s	0.1 s–15 s	0.05 s–1 s

1.5 I _N	2.0 I _N	3.0 I _N	5.0 I _N
10 s–1000 s	0.5 s–100 s	0.1 s–15 s	0.05 s–1 s