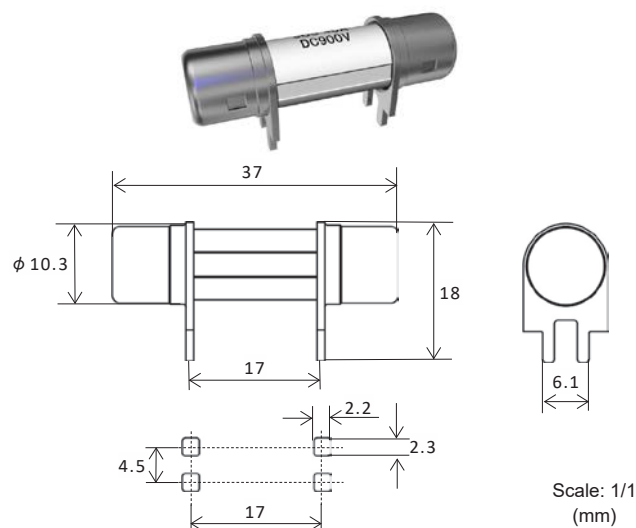
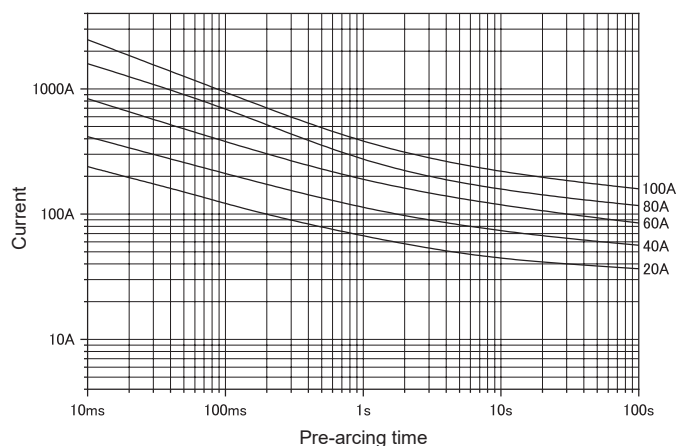


Representative pre-arcing time-current characteristics



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				*4
DC 500 V		16000 A		3.0 I _N				
DC 900 V	30 A	10000 A		10.0 I _N				
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				
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		*5
DC 480 V	70 A, 80 A 90 A, 100 A	5000 A		3.0 I _N		–		

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

*2:	3.0 I_N	5.0 I_N
	Within 10 min	0.1 s–15 s

*3:	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

*4:	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

*5:	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