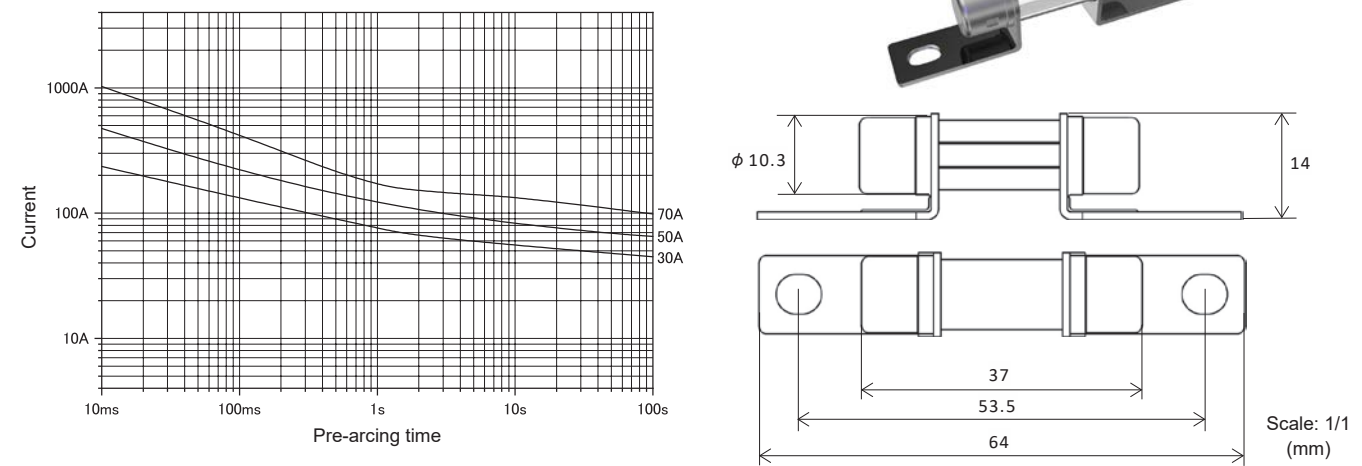


Representative pre-arcing time-current characteristics



Rated voltage	Rated current ( <i>I<sub>N</sub></i> ) *1	Rated breaking current		Min. breaking current	Temp. rise	Current carrying capacity	Overload operation
DC 1000 V	30 A	20000 A	Resistive circuit	40.0 <i>I<sub>N</sub></i>	75 K or less at 0.5 <i>I<sub>N</sub></i>	4 h or more at 1.0 <i>I<sub>N</sub></i>	Within 60 s at 2.5 <i>I<sub>N</sub></i>
DC 1000 V	40 A 50 A			50.0 <i>I<sub>N</sub></i>			
DC 900 V				20.0 <i>I<sub>N</sub></i>			
DC 500 V	70 A	10000 A		10.0 <i>I<sub>N</sub></i>			
DC 480 V	80 A			10.0 <i>I<sub>N</sub></i>			
AC 310 V	30 A, 40 A 50 A, 70 A, 80 A			2.0 <i>I<sub>N</sub></i>			

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