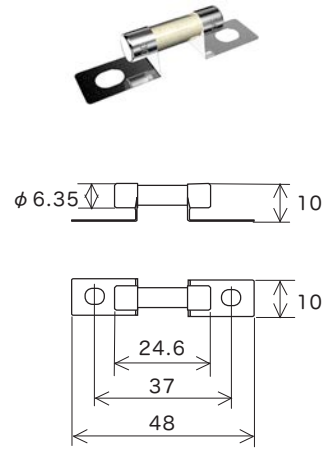
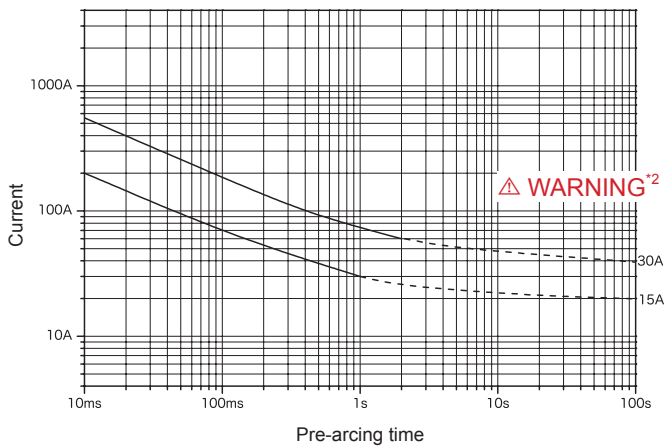


Representative pre-arcing time-current characteristics



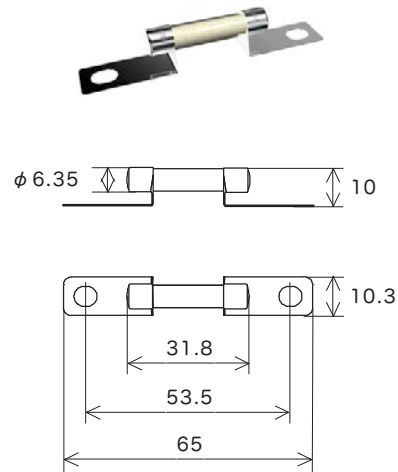
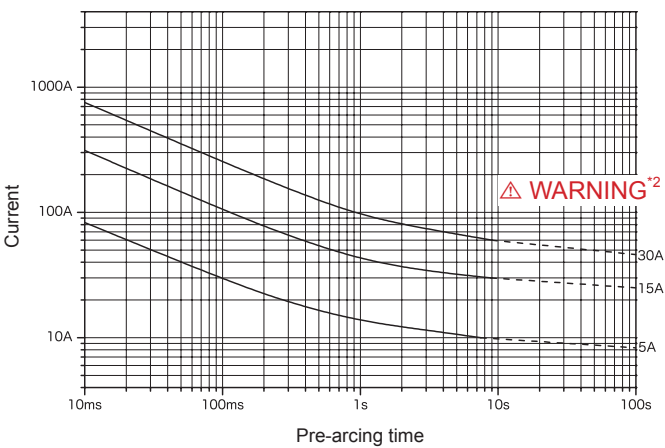
Scale: 1/2 (mm)

Rated voltage	Certification	Rated current (I _N) ^{*1}	Rated breaking current		Temp. rise	Current carrying capacity	Overload operation
DC 500 V	-	5 A, 10 A, 15 A 20 A, 25 A 30 A, 35 A	1000 A	Resistive circuit	75 K or less at 0.5 I _N	1.0 I _N until temperature stabilization occurs	Within 2 min at 2.0 I _N

- *1: Please contact your local SOC sales representative for rated currents which are not listed.
- *2: If the current is less than 2.0 I_N (represented by the dotted portion of the pre-arcing time-current characteristics), an arc current may continuously pass through the fuse, and it may therefore not be possible to break the current. Do not apply fusing conditions of currents less than 2.0 I_N, as fires and other accidents may occur due to the inability to break the current.
- *3: This product uses high melting temperature type solder containing 85% by weight or more lead. This type of solder is exempted from the RoHS Directive.

DC500VBC635C

Representative pre-arcing time-current characteristics



Scale: 1/2 (mm)

Rated voltage	Certification	Rated current (I _N) ^{*1}	Rated breaking current		Temp. rise	Current carrying capacity	Overload operation
DC 500 V	-	5 A 15 A 30 A	2000 A	Resistive circuit	50 K or less at 0.7 I _N	4 h or more at 1.1 I _N	^{*3}

- *1: Please contact your local SOC sales representative for rated currents which are not listed.
- *2: If the current is less than 2.0 I_N (represented by the dotted portion of the pre-arcing time-current characteristics), an arc current may continuously pass through the fuse, and it may therefore not be possible to break the current. Do not apply fusing conditions of currents less than 2.0 I_N, as fires and other accidents may occur due to the inability to break the current.

*3:

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