

**NEW**

The DC500VBC635B has been developed to protect the DC/DC and AC/DC converters of electric, hybrid, and fuel cell vehicles, and along with being lead-free, boasts an improved rated breaking current of 2000 A compared to the conventional type.

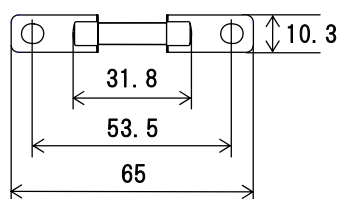
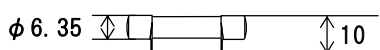
**DC500VBC635B**

RoHS **Pb**

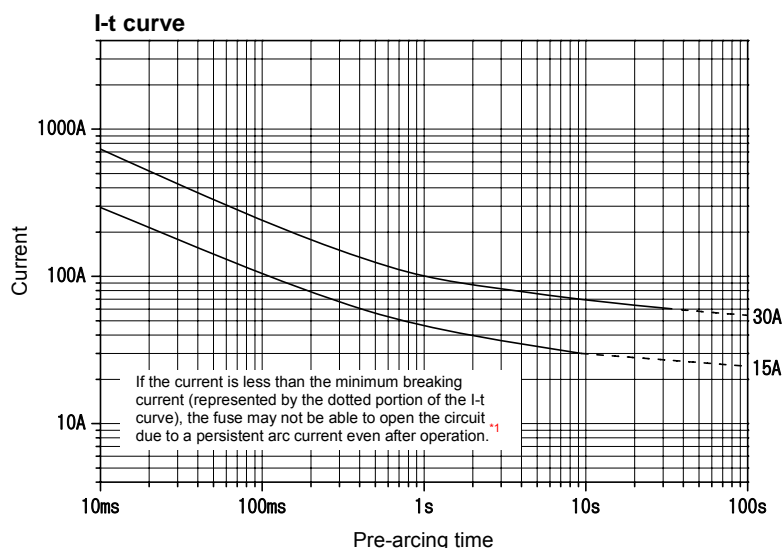
**DC500V**



Scale: 1/2



Unit: mm



The I-t curves above are based on the average values of measurements obtained under testing conditions specified by our company. The information is for reference purposes only, and is not intended to infer any guarantees of performance.

Rated voltage	Certification	Rated current ( $I_N$ )	Rated breaking current		Minimum breaking current <sup>*1</sup>	Temp. rise $0.7I_N$	Overload operation
DC500V	—	15A	2000A	Resistive circuit	30A	50K or less	*2
		30A			60A		

\*1: "Minimum breaking current" is the minimum current value that this fuse can safely interrupt to open a resistive circuit of DC 500 V in which this fuse has been inserted. When fusing occurs at currents of less than the minimum breaking current, continuous arcing may occur, or a previously extinguished arc may reoccur, and it may therefore not be possible to break the current. Do not apply fusing conditions of currents less than the minimum breaking current to the fuse, as fires and other accidents may occur due to the inability to open the circuit.

\*2:

Rated current	$1.1I_N$	$2.0I_N$	$3.0I_N$	$5.0I_N$
15A, 30A	4h or more	0.5s - 100s	0.1s - 15s	0.05s - 1.0s