

NEW

The AC500VBL1030A has been developed to protect the high-voltage circuits in automobiles and other such applications. Despite its compact size of $\phi 10 \times 32$ mm, this fuse is able to achieve a rated current of 50 A at a rated voltage of AC 500 V.

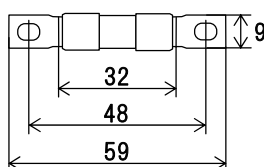
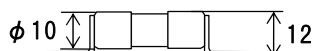
AC500VBL1030A

RoHS **Pb**

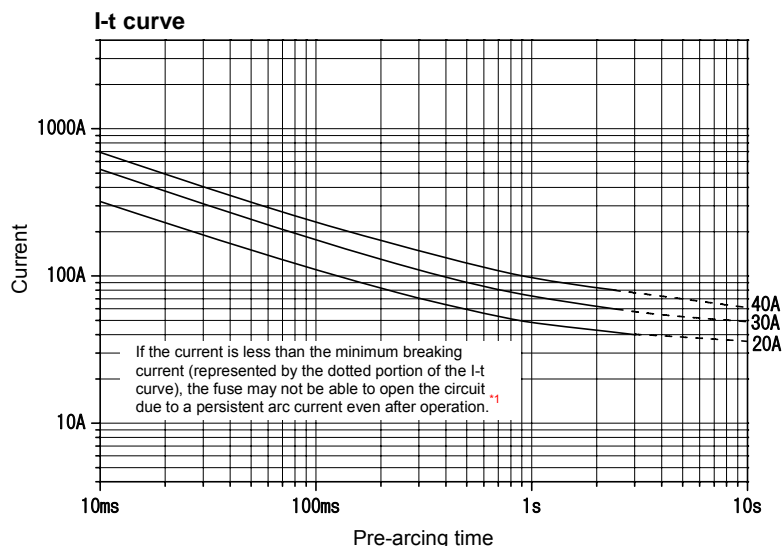
AC500V



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 ^{*1}	Current carrying capacity $1.0I_N$	Temp. rise $1.0I_N$	Overload operation $2.0I_N$
AC500V	—	15A	500A	Resistive circuit	30A	Until temperature stabilization occurs.	100K or less	Within 2min
		20A			40A			
		25A			50A			
		30A			60A		120K or less	
		40A			80A		150K or less	
		50A			100A			

*1: "Minimum breaking current" is a minimum current value that this fuse can safely interrupt to open the resistive circuit of AC 500 V in which this fuse has been inserted. When fusing occurs at currents of less than the minimum breaking current, an arcing may continue, 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.