NEW

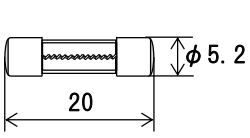
The ET6/ET6R is an enhanced-breaking capacity type fuse, employing a high-quality and highly reliable wire-type fuse-element. This fuse is certified not only under Japanese and North American standards but also European standards.

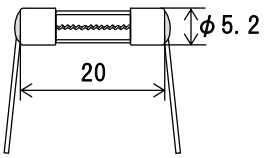
ET6/ET6R (Time-lag, enhanced-breaking capacity) RoHS

AC250V

ET6 **ET6R**

Scale: 1/1

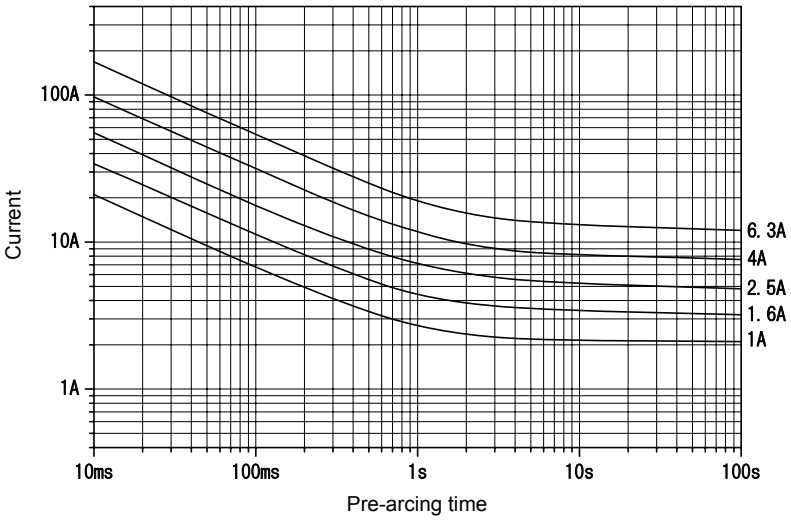




Lead wire diameter: ϕ0.8

Unit: mm

I-t curve



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)*1	Rated breaking current		Current carrying capacity/ Endurance test	Test at elevated temp.	Temp. rise 1.0I_N	Pre-arcing time/current characteristic
AC250V	C-UL US Recognized	1A, 1.25A, 1.6A, 2A, 2.5A, 3.15A, 4A, 5A, 6.3A	150A	Resistive circuit	1.0I_N until temperature stabilization occurs.	—	75K or less	Within 30min at 2.1I_N
	SEMKO Certified				*2	*3	—	*4
	<PS>E JET		100A	PF 0.7 - 0.8	1.0I_N until temperature stabilization occurs.	—	140K or less at the center, 60K or less at the contact	Within 30min at 2.1I_N

*1: For rated currents not listed in the table above, please contact your local SOC sales representative.
*2: Endurance test: After repeating 100 cycles of 1.2 I_N for 1 h and switching-off for 15 min, 1.5 I_N can be passed through the fuse for 1 h or more.
*3: 1.1 I_N can be passed through the fuse for 1 h or more at 70±2 °C.
*4:

Rated current	2.1I_N	2.75I_N	4.0I_N	10I_N
1A - 6.3A	Within 2min	0.6s - 10s	0.15s - 3s	0.02s - 0.3s

Dec. 2009