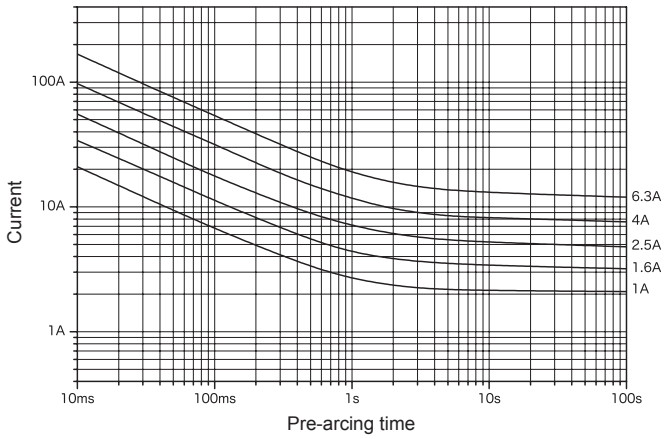
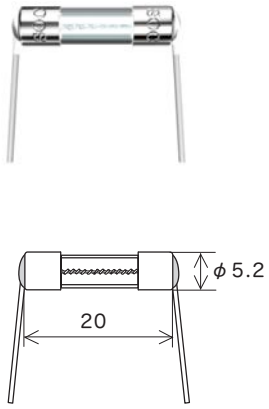
ET6R

Time-lag | RoHS-compliant | Pb free

Representative pre-arcing time-current characteristics





Lead wire diameter ϕ 0.8

Scale: 1/1 (mm)

Rated voltage	Certification	Rated current (I_N)	Rated breaking current		Temp. rise	Current carrying capacity / Endurance test	Test at elevated temperature	Pre-arcing time-current characteristics
AC250V	c UL us	1 A 1.25 A 1.6 A 2 A 2.5 A 3.15 A 4 A 5 A 6.3 A	150 A	Resistive circuit	75 K or less at 1.0 I_N	1.0 I_N until temperature stabilization occurs	–	Within 30 min at 2.1 I_N
					–	*1	*2	*3
	PS E		100 A	PF 0.7–0.8	At 1.0 I_N, 140 K or less at the center, 60 K or less at the contact	1.0 I_N until constant temperature is obtained on each part	–	Within 30 min at 2.1 I_N

*1: Endurance Test: After 100 cycles of 1.2 I_N 1 h on / 15 min off, 1.5 I_N is passed through the fuse for 1 h.

*2: A current of 1.1 I_N is passed through the fuse for 1 h at a temperature of 70±2 °C.

*3:

2.1 I_N	2.75 I_N	4.0 I_N	10 I_N
Within 2 min	0.6 s–10 s	0.15 s–3 s	0.02 s–0.3 s