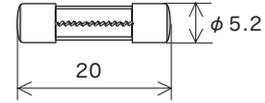
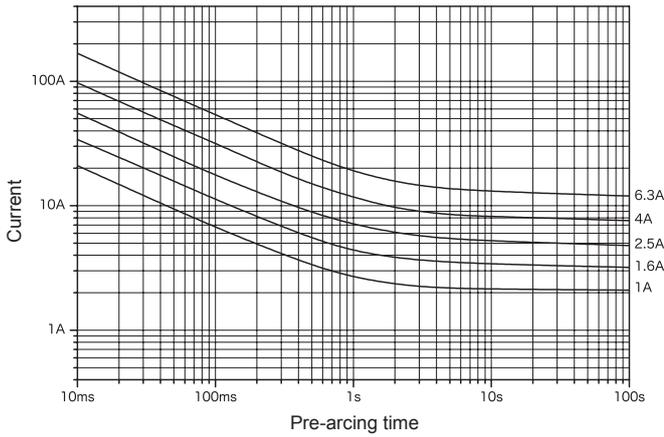


Representative pre-arcing time-current characteristics



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
AC 250 V		1 A 1.25 A 1.6 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 $I_N$
		2 A 2.5 A 3.15 A			-	*1	*2	*3
		4 A 5 A 6.3 A	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