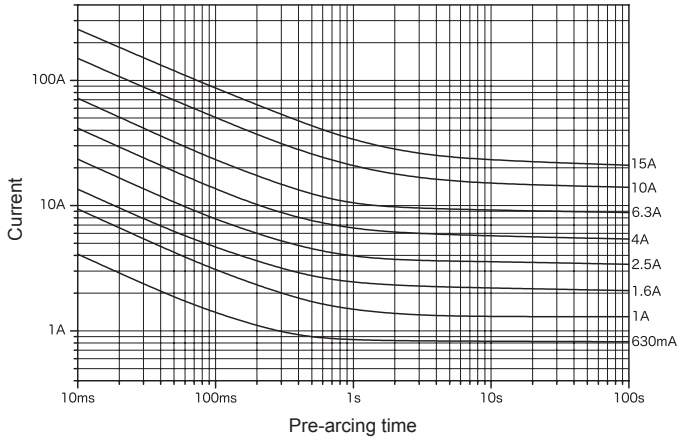
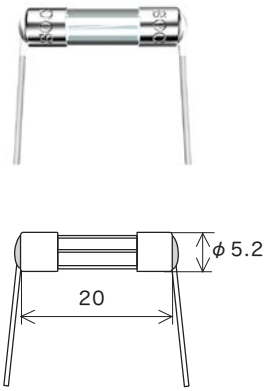
MQ3

Normal-acting | RoHS-compliant*2 | Pb free*2

Representative pre-arcing time-current characteristics





Lead wire diameter ϕ 0.5 (62 mA–3 A)
ϕ 0.8 (Over 3 A–10 A)
ϕ 1.0 (Over 10 A–15 A)

Scale: 1/1
(mm)

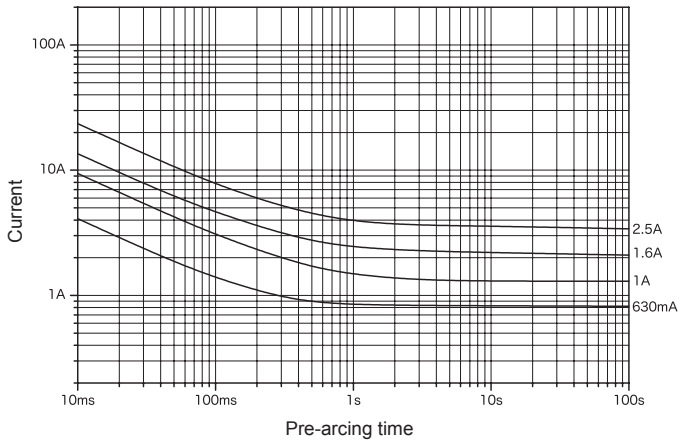
Rated voltage	Certification	Rated current (I_N) *1	Rated breaking current		Temp. rise	Current carrying capacity	Overload operation
AC 250 V	UL, CSA	62 mA–3 A	100 A	PF 0.7–0.8	70 K or less at 1.1 I_N	1.1 I_N for 15 min or more after temperature stabilization occurs	Within 60 min at 1.35 I_N Within 2 min at 2.0 I_N
	TÜV	Over 3 A–15 A			70 K or less at 1.0 I_N	1.0 I_N for 15 min or more after temperature stabilization occurs	

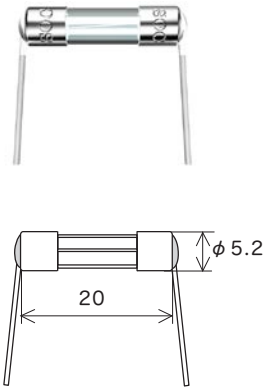
*1: Customer-requested rated current values can be supplied from within the given range.
*2: 62 mA–8 A Pb free
Over 8 A–15 A This product uses high melting temperature type solder containing 85% by weight or more lead. This type of solder is exempted from the RoHS Directive.

MQ3 N1

Normal-acting | RoHS-compliant | Pb free

Representative pre-arcing time-current characteristics





Lead wire diameter ϕ 0.5

Scale: 1/1
(mm)

Rated voltage	Certification	Rated current (I_N) *1	Rated breaking current		Temp. rise	Current carrying capacity	Overload operation
AC 250 V	UL, CSA	62 mA–3 A	100 A	PF 0.7–0.8	70 K or less at 1.1 I_N	1.1 I_N for 15 min or more after temperature stabilization occurs	Within 60 min at 1.35 I_N Within 2 min at 2.0 I_N
	PSE *2				At 1.1 I_N, 140 K or less at the center, 60 K or less at the contact	1.1 I_N until constant temperature is obtained on each part	

*1: Customer-requested rated current values can be supplied from within the given range.
*2: Fuses with rated currents of less than 1 A are not considered electrical products per the Electrical Appliance and Material Safety Law.