

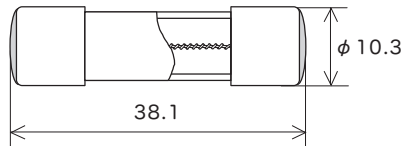
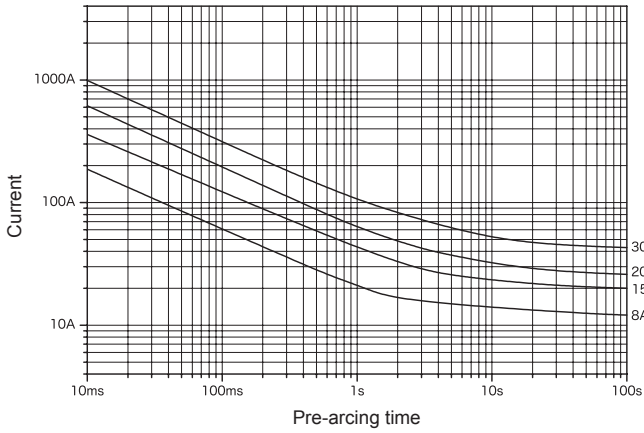
# SKM10

Inrush-withstand

RoHS-compliant\*2

Pb free\*2

Representative pre-arcing time-current characteristics



Scale: 1/1 (mm)

Rated voltage	Certification	Rated current (I <sub>N</sub> ) *1	Rated breaking current		Temp. rise	Current carrying capacity	Overload operation
AC 250 V		100 mA–30 A	1000 A	Resistive circuit	100 K or less at 1.0 I <sub>N</sub>	1.0 I <sub>N</sub> until temperature stabilization occurs	Within 60 min at 1.35 I <sub>N</sub> Within 2 min at 2.0 I <sub>N</sub>

\*1: Customer-requested rated current values can be supplied from within the given range.

\*2: 100 mA–12 A Pb free  
Over 12 A–30 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.

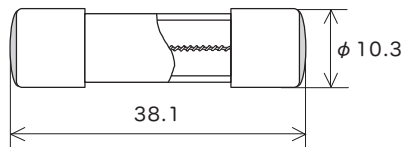
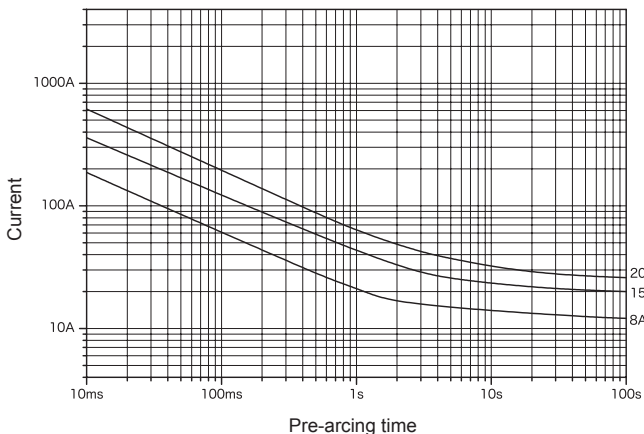
# SKM10 N1

Inrush-withstand

RoHS-compliant\*2

Pb free\*2

Representative pre-arcing time-current characteristics



Scale: 1/1 (mm)

Rated voltage	Certification	Rated current (I <sub>N</sub> ) *1	Rated breaking current		Temp. rise	Current carrying capacity	Overload operation
AC 250 V		1 A–25 A	1000 A	Resistive circuit	100 K or less at 1.0 I <sub>N</sub>	1.0 I <sub>N</sub> until temperature stabilization occurs	Within 60 min at 1.35 I <sub>N</sub> Within 2 min at 2.0 I <sub>N</sub>
			100 A	PF 0.7–0.8	At 1.1 I <sub>N</sub> , 140 K or less at the center, 60 K or less at the contact	1.1 I <sub>N</sub> until constant temperature is obtained on each part	

\*1: Customer-requested rated current values can be supplied from within the given range.

\*2: 1 A–12 A Pb free  
Over 12 A–25 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.