Representative pre-arcing time-current characteristics



Scale: 1/1
(mm)

| Rated voltage | Certification | $\text { Rated current }(/ \mathrm{N})$ | Rated breaking current |  | Temp. rise | Current carrying capacity | Overload operation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AC 125 V | (U) (5) | $62 \mathrm{~mA}-5 \mathrm{~A}$ | 10000 A | $\begin{gathered} \mathrm{PF} \\ 0.7-0.8 \end{gathered}$ | 70 K or less at $1.1 / \mathrm{N}$ | $1.1 / \mathrm{N}$ for 15 min or more after temperature stabilization occurs | Within 60 min at $1.35 / \mathrm{N}$ Within 2 min at $2.0 / \mathrm{N}$ |
|  | - S | Over 5 A-10 A |  |  | 90 K or less at $1.1 / \mathrm{N}$ |  |  |
|  | (5) | Over 10 A-15 A |  |  | 75 K or less at $1.0 / \mathrm{N}$ | $1.0 / \mathrm{N}$ for 15 min or more after temperature stabilization occurs |  |

*1: Customer-requested rated current values can be supplied from within the given range.
*2: $62 \mathrm{~mA}-8 \mathrm{~A} \quad \mathrm{~Pb}$ free
Over $8 \mathrm{~A}-15 \mathrm{~A}$ 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.

## MQ2 N1

Representative pre-arcing time-current characteristics


Scale: 1/1
(mm)

| Rated voltage | Certification | $\text { Rated current (/ } \mathrm{N} \text { ) }$ | Rated breaking current |  | Temp. rise | Current carrying capacity | Overload operation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AC 125 V | (U) (5) | $62 \mathrm{~mA}-5 \mathrm{~A}$ | 10000 A | $\begin{gathered} \text { PF } \\ 0.7-0.8 \end{gathered}$ | 70 K or less at $1.1 / \mathrm{N}$ | $1.1 / \mathrm{N}$ for 15 min or more after temperature stabilization occurs | Within 60 min at $1.35 / \mathrm{N}$ Within 2 min at $2.0 / \mathrm{N}$ |
|  | - S | Over 5 A-10 A |  |  | 90 K or less at $1.1 / \mathrm{N}$ |  |  |
|  | $\langle\overrightarrow{E S}\| * 2$ | $62 \mathrm{~mA}-10 \mathrm{~A}$ |  |  | At $1.1 / \mathrm{N}$, 140 K or less at the center, 60 K or less at the contact | $1.1 / \mathrm{N}$ until constant temperature is obtained on each part |  |

[^0]
[^0]:    *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.
    *3: $62 \mathrm{~mA}-8 \mathrm{~A} \quad \mathrm{~Pb}$ free
    Over $8 \mathrm{~A}-10 \mathrm{~A}$ 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.

