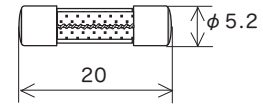
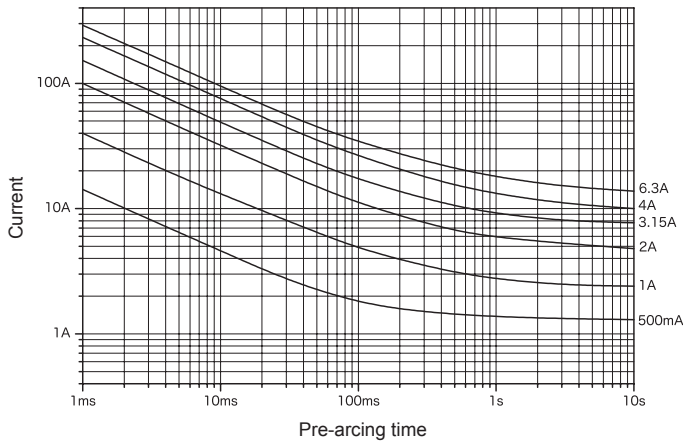


Representative pre-arcing time-current characteristics



Scale: 1/1 (mm)

| Rated voltage | Certification | Rated current (I <sub>N</sub> )                   | Rated breaking current | Temp. rise        | Current carrying capacity / Endurance test | Pre-arcing time-current characteristics                   |                                     |
|---------------|---------------|---|------------------------|-------------------|--|---|-------------------------------------|
| AC 500 V      |               | 100 mA–6.3 A *1                                   | 80 A                   | Resistive circuit | 75 K or less at 1.0 I <sub>N</sub>         | 1.0 I <sub>N</sub> until temperature stabilization occurs | Within 30 min at 2.1 I <sub>N</sub> |
| AC 400 V      |               |   | 500 A                  |                   |  |   |                                     |
| DC 400 V      |               | 1 A, 1.6 A, 2 A<br>3 A, 3.15 A, 4 A<br>5 A, 6.3 A | 200 A                  |                   | –  | *3  | *4                                  |
| DC 250 V      |               | 100 mA–6.3 A *1                                   | 1500 A<br>2000 A       |                   | 75 K or less at 1.0 I <sub>N</sub>         | 1.0 I <sub>N</sub> until temperature stabilization occurs | Within 30 min at 2.1 I <sub>N</sub> |

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

\*2: 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.

\*3: Endurance Test: After 100 cycles of 1.2 I<sub>N</sub> 1 h on / 15 min off, 1.5 I<sub>N</sub> is passed through the fuse for 1 h.

\*4:

| Rated current                  | 2.1 I <sub>N</sub> | 2.75 I <sub>N</sub> | 4.0 I <sub>N</sub> | 10 I <sub>N</sub> |
|--------------------------------|--------------------|---------------------|--------------------|-------------------|
| 1 A                            | Within 30 min      | 0.3 s–2 s           | 0.095 s–0.5 s      | 0.01 s–0.03 s     |
| 1.6 A, 2 A                     |                    | 1 s–30 s            | 0.095 s–1 s        | 0.01 s–0.05 s     |
| 3 A, 3.15 A<br>4 A, 5 A, 6.3 A |                    |                     | 0.15 s–1 s         | 0.02 s–0.1 s      |