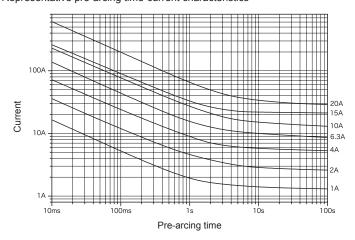
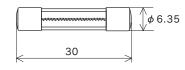
## Representative pre-arcing time-current characteristics







Scale: 1/1 (mm)

| Rated voltage | Certification | Rated current (I <sub>N</sub> ) *1 | Rated breaking<br>current |               | Temp. rise   | Current carrying capacity  | Overload operation   |
|---------------|---------------|------------------------------------|---------------------------|---------------|--|--|--|
| AC 250 V      | PS *2         | 100 mA–5 A                         | 500 A                     | PF<br>0.7–0.8 | At 1.1 I <sub>N</sub> ,<br>140 K or less<br>at the center,<br>60 K or less<br>at the contact | 1.1 I <sub>N</sub> until<br>constant<br>temperature<br>is obtained<br>on each part | Within 60 min<br>at 1.35 <i>I</i> <sub>N</sub><br>Within 2 min<br>at 2.0 <i>I</i> <sub>N</sub> |
|               |               | Over 5 A–30 A                      | 100 A                     |               |  |  |  |

- \*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: 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.

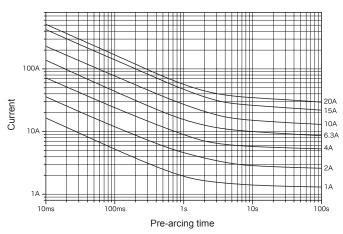
## 250V A TLCR

Inrush-withstand

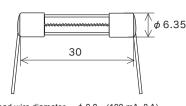
RoHS-compliant\*3

Pb free\*3

## Representative pre-arcing time-current characteristics







- Lead wire diameter  $\phi$  0.8 (100 mA–8 A)  $\phi$  1.0 (Over 8 A–15)
  - $\phi$  1.0 (Over 8 A–15 A)  $\phi$  1.2 (Over 15 A–30 A)
- 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      | PS *2         | 100 mA–5 A                         | 500 A                  | PF<br>0.7–0.8 | At 1.1 I <sub>N</sub> ,<br>140 K or less<br>at the center,<br>60 K or less<br>at the contact | 1.1 I <sub>N</sub> until<br>constant<br>temperature<br>is obtained<br>on each part | Within 60 min<br>at 1.35 I <sub>N</sub><br>Within 2 min<br>at 2.0 I <sub>N</sub> |
|               |               | Over 5 A–30 A                      | 100 A                  |               |  |  |  |

- \*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: 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.