

## ATO® Blade Fuse Rated 32V



Developed by Littelfuse for the automotive industry, the ATO® fuse has become the original equipment circuit protection standard for foreign and domestic automobiles and trucks. Readily identifiable and easily replaced, this fuse can be specified for a variety of low voltage electronic applications.

Die ATO-Sicherung wurde von Littelfuse speziell für die Fahrzeugindustrie entwickelt und hat sich als OEM-Schaltungsschutz-Standard für in- und ausländische Personen- und Lastkraftwagen etabliert. ATO-Sicherungen lassen sich leicht identifizieren und austauschen und können für zahlreiche Anwendungen im Niederspannungsbereich spezifiziert werden.

### Specifications

ISO 8820-3  
UL 248 Special Purpose Fuses

**Voltage Rating:** 32 VDC  
**Interrupting Rating:** 1000A @ 32 VDC  
**Operating Temperature Range:** -40°C to +105°C  
**Terminals:** Sn plated  
**Packaging:**

| Series       | Pack Size |
|--------------|-----------|
| 0257xxx.LXN  | 50        |
| 0257xxx.PXPV | 2000      |

### Time-Current Characteristics / Schmelzzeit-Grenzwerte

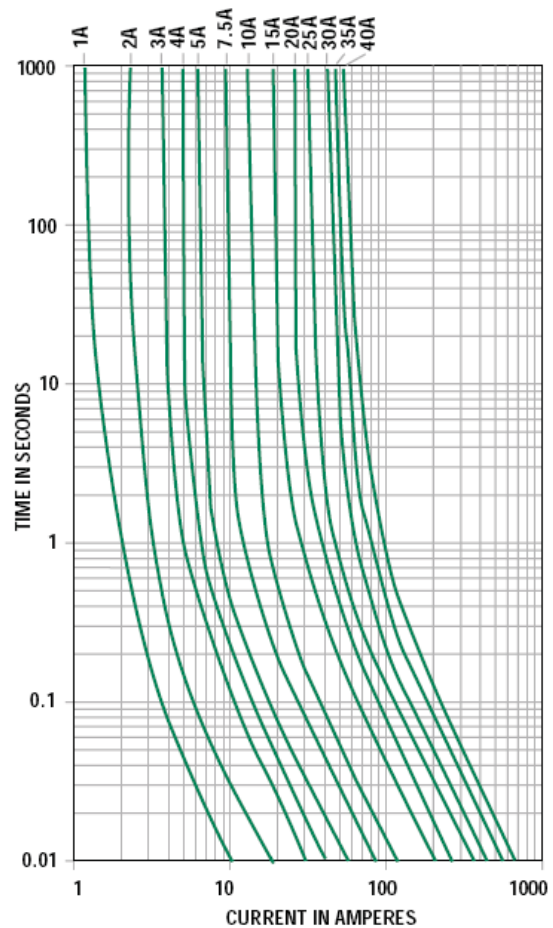
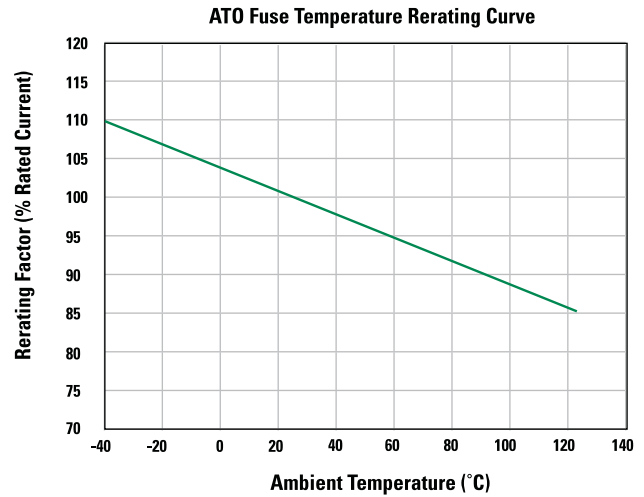
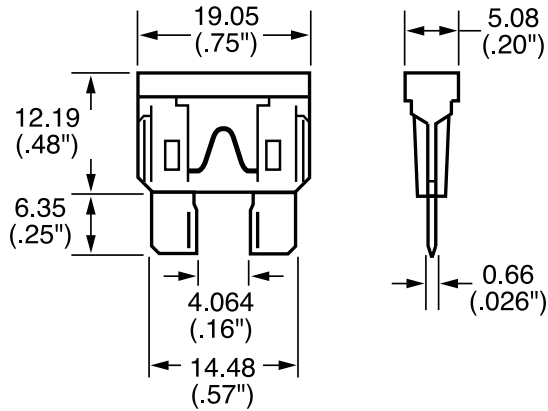
| % of Rating<br>% des Nennstromes | Opening Time<br>Nennstrom | Opening Time<br>Schmelzcharakteristik<br>Min / Max (s) |
|----------------------------------|---------------------------|--------------------------------------------------------|
| 100                              | 35-40                     | 360,000 s / –                                          |
| 110                              | 1-30                      | 360,000 s / –                                          |
| 135                              | 1-2<br>3-40               | 500 ms / 600 s<br>0.750 s / 600 s                      |
| 200                              | 1-2<br>3-40               | 100 ms / 5.0 s<br>0.150 s / 5.0 s                      |
| 350                              | 1-2<br>3-40               | 20 ms / 500 ms<br>80 ms / 500 ms                       |
| 600                              | 1-30<br>35-40             | – / 100 ms<br>– / 150 ms                               |

| Part Number<br>Artikel-Nr. | Current Rating<br>Nennstrom | Housing Color<br>Kennfarbe | Typ. Voltage Drop<br>Typ. Spannungsfall | Cold Resistance<br>Kaltwiderstand | I <sup>2</sup> t |
|----------------------------|-----------------------------|----------------------------|-----------------------------------------|-----------------------------------|------------------|
| 0257001_                   | 1 A                         | Black                      | 176 mV                                  | 123 mΩ                            | 0.4 A²s          |
| 0257002_                   | 2 A                         | Grey                       | 141 mV                                  | 53.5 mΩ                           | 1.4 A²s          |
| 0257003_                   | 3 A                         | Purple                     | 137 mV                                  | 31.1 mΩ                           | 7.4 A²s          |
| 0257004_                   | 4 A                         | Pink                       | 136 mV                                  | 22.8 mΩ                           | 14 A²s           |
| 0257005_                   | 5 A                         | Brown                      | 128 mV                                  | 17.85 mΩ                          | 26 A²s           |
| 025707.5_                  | 7.5 A                       | Dark Brown                 | 116 mV                                  | 10.91 mΩ                          | 60 A²s           |
| 0257010_                   | 10 A                        | Red                        | 109 mV                                  | 7.70 mΩ                           | 115 A²s          |
| 0257015_                   | 15 A                        | Blue                       | 102 mV                                  | 4.80 mΩ                           | 340 A²s          |
| 0257020_                   | 20 A                        | Yellow                     | 98 mV                                   | 3.38 mΩ                           | 520 A²s          |
| 0257025_                   | 25 A                        | White                      | 92 mV                                   | 2.52 mΩ                           | 1080 A²s         |
| 0257030_                   | 30 A                        | Green                      | 84 mV                                   | 1.97 mΩ                           | 1510 A²s         |
| 0257035_                   | 35 A                        | Dark Green                 | 87 mV                                   | 1.61 mΩ                           | 2280 A²s         |
| 0257040_                   | 40 A                        | Orange                     | 96 mV                                   | 1.44 mΩ                           | 3310 A²s         |

Corresponding holder see Section "Fuse Holders."

## ATO® Blade Fuse Rated 32V

Dimensions in mm / Maße in mm



See Section Specialty Products for Resistors, Diodes, and Shunts.

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