



Part Number: **257003**

Technology: **Fuses**

Series: **257**

0257003 257 Series - ATO® Fast-Acting Automotive Blade Fuse

The ATO Fuse was designed and patented by Littelfuse in 1976 and set the standard for automotive circuit protection. It features industry standard color coding to indicate amperage rating.

Electrical Characteristics

Property	Value
Amps (A)	3
Characteristics	Fast-Acting
Color	Violet
I^2t (A ² Sec) Minimum	7.4
Resistance (Ohms)	0.031
VDC	32
Voltage Drop	137

ATO® Blade Fuse Rated 32V

RoHS

Blade Fuses



Specifications

Voltage Rating: 32 VDC
Interrupting Ratings: 1000A @ 32 VDC
Operating Temperature Range: -40°C to +105°C

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-Schutz-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.

Time-Current Characteristics / Schmelzeit-Grenzwerte

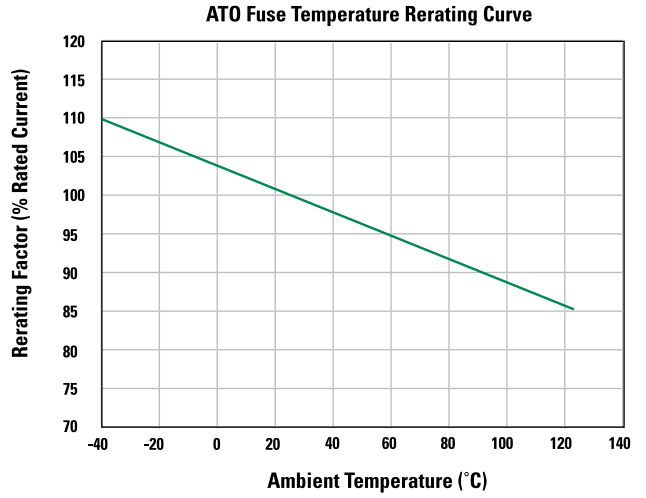
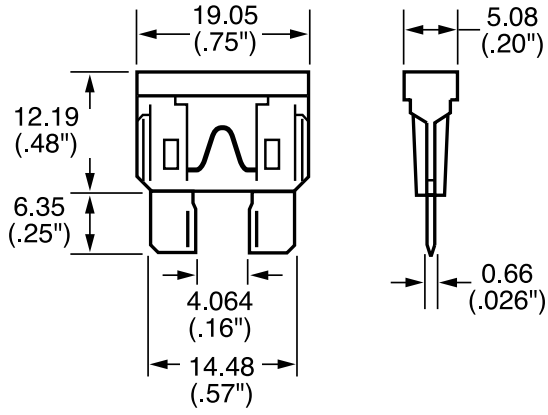
% of Rating % des Nennstromes	Opening Time Min / Max (s) Schmelzcharakteristik Min / Max (s)
110	100 hrs / –
135	500 ms / 600 s
	750 ms / 600 s
200	100 ms / 5.0 s
	150 ms / 5.0 s
350	20 ms / 500 ms
	80 ms / 500 ms
600	– / 100 ms
	– / 150 ms

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

Last figure of part number = packaging code, see Section "Packaging Index," pg. 157.
 Corresponding holder see Section "Fuse Holders."

ATO® Blade Fuse Rated 32V

Dimensions in mm / Maße in mm



Blade Fuses