Fuse Datasheet

Indicator ATO Smart Glow fuse Rated 32 V DC





Description

Each ATO® Smart Glow fuse includes an indicator light that comes on when the fuse blows. These innovative 32 V blade fuses perform similarly to ATO 287 Series, ATOF®, and ATO Silver fuses. The newer fuses replace obsolete ATO Series 257 fuses.

Features & Benefits

- Fast-acting
- Available with ampere ratings of 3 A to 30 A
- Interrupting ratings of 1 kA at 32 VDC
- Operate at up to 130 °C
- Tin-plated zinc alloy terminals
- PA66 housings with UL flammability ratings of V-2
- Net weight 1.4 g ±5 % per fuse
- Comply with SAE J2077

Applications

- Cars and SUVs
- Trucks
- Buses

- UL Listed
- Certified lead-free and RoHS compliant
- Color-coding indicates ampere rating
- High-contrast ampere rating stamp aids identification
- See-through housing makes it easier to see when fuse blows
- Depending on use, ATO Smart Glow fuses can replace fuses of the same ratings from the ATO® 287, ATOF®, and ATO Silver series
- Offroad vehicles
- Watercraft as approved by Littelfuse

Color Code	Current Rating (A)	Carded	
		Material #	Catalog #
Black	1		
Gray	2		
Violet	3	OAT0003.VPGLO	10-0003
Pink	4		
Tan	5	OAT0005.VPGLO	10-1000
Brown	7.5A	OAT007.5VPGLO	10-0007
Red	10A	OAT0010.VPGLO	10-1001
Blue	15A	OAT0015.VPGLO	10-1002
Yellow	20A	OAT0020.VPGLO	10-1003
Clear	25A	OAT0025.VPGLO	10-1004
Green	30A	OAT0030.VPGLO	10-1005
Orange	40A		





Expertise Applied Answers Delivered

Ratings

1

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Dimensions

Dimensions in mm. Please refer to the outline drawing for dimensions and tolerances.







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Time-Current Characteristic



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

Typical Derating Curves

Please contact Littelfuse® for Details Regarding Derating Test Set Up



Rerating depicted in these curves is in addition to the standard derating of 25 % for continuous operating.



