

# Midget 10x38mm Fuses

## FLA Series Slo-Blo® Indicating Type

Indicating Slo-Blo® • 5AG Size Fuse



### Description

The FLA series fuses are 125 V ac, pin-indicating, time-delay fuses for protection of control circuit transformers, solenoids, and other circuits with high in-rush currents. A metal indicator pin pops out 0.3" when the fuse opens, providing a visual indication of an open fuse. This built-in, blown-fuse indication quickly identifies which fuse or fuses within an electrical panel or system have blown. The time-delay design can carry an overload several times the normal load for a short period of time without blowing. FLA series fuses can be used in conjunction with special fuse blocks to operate mechanical signal switches or energize alarm circuits. Fuses rated at 12–30 amperes have dual-tube construction.

### Features & Benefits

| FEATURES                      | BENEFITS                                                                        |
|-------------------------------|---------------------------------------------------------------------------------|
| <b>Indicating capability</b>  | Ensures reduced downtime, increased safety, and reduced troubleshooting delays  |
| <b>Time-delay</b>             | Allows for a temporary current surge for a short period of time without blowing |
| <b>POWR-GARD® technology</b>  | Ensures reliable overcurrent protection                                         |
| <b>Dual-tube construction</b> | Improved protection from overcurrents                                           |

### Applications

- Control circuit transformers
- Solenoids
- Circuits with high in-rush currents

### Specifications

|                             |                                |
|-----------------------------|--------------------------------|
| <b>Voltage Ratings</b>      | 125 V ac                       |
| <b>Ampere Range</b>         | 1/10–30 A                      |
| <b>Interrupting Rating</b>  | 10,000 A                       |
| <b>Applicable Standards</b> | UL 248-14                      |
| <b>Indicating Pin</b>       | Extends 0.3" when fuse opens.* |

\*NOTE: Fuses rated 12–30 amperes have dual-tube construction.

# Midget 10x38mm Fuses

## FLA Series Slo-Blo® Indicating Type

### Certification & Compliance

UL

UL Listed File E10480

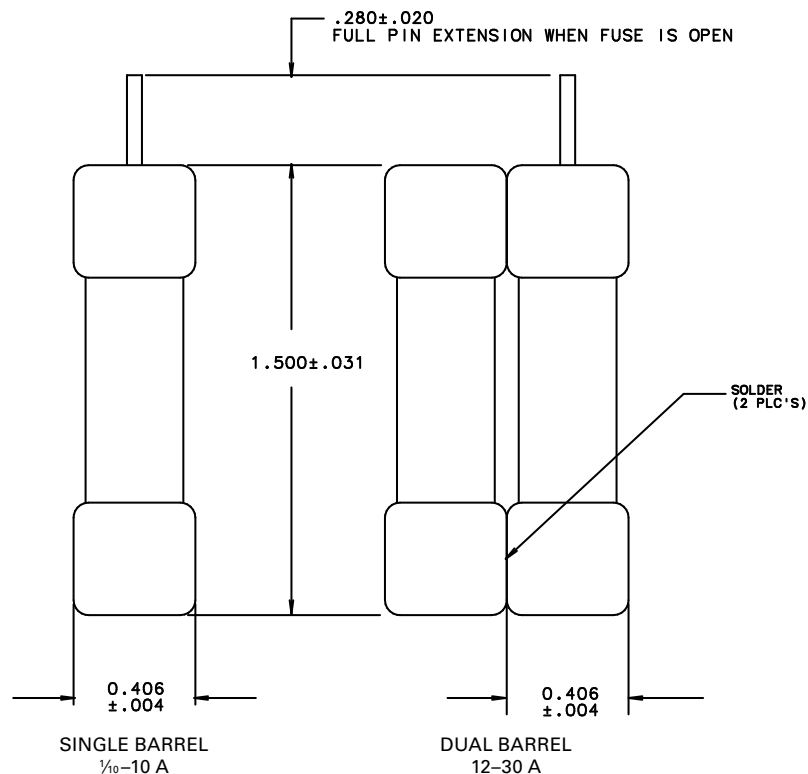
### Ordering Information

| AMPERE | CATALOG NUMBER | PRODUCT MARKING | PACK QUANTITY | ORDERING NUMBER | UPC         | AGENCY APPROVALS |
|--------|----------------|-----------------|---------------|-----------------|-------------|------------------|
|        |                |                 |               |                 |             | UL               |
| 1/10   | FLA.100        | FLA 1/10 A      | 10            | OFLA.100T       | 07945813011 | •                |
| 15/100 | FLA.150        | FLA 15/100 A    | 10            | OFLA.150T       | 07945813013 | •                |
| 3/10   | FLA.200        | FLA 3/10 A      | 10            | OFLA.200T       | 07945813018 | •                |
| 1/4    | FLA.250        | FLA 1/4 A       | 10            | OFLA.250T       | 07945813019 | •                |
| 3/10   | FLA.300        | FLA 3/10 A      | 10            | OFLA.300T       | 07945800080 | •                |
| 4/10   | FLA.400        | FLA 4/10 A      | 10            | OFLA.400T       | 07945813023 | •                |
| 1/2    | FLA.500        | FLA 1/2 A       | 10            | OFLA.500T       | 07945813024 | •                |
| 6/10   | FLA.600        | FLA 6/10 A      | 10            | OFLA.600T       | 07945800081 | •                |
| 8/10   | FLA.800        | FLA 8/10 A      | 10            | OFLA.800T       | 07945800082 | •                |
| 1      | FLA001         | FLA 1A          | 10            | OFLA001.T       | 07945813031 | •                |
| 1 1/8  | FLA1.12        | FLA 1 1/8 A     | 10            | OFLA1.12T       | 07945813032 | •                |
| 1 1/4  | FLA1.25        | FLA 1 1/4 A     | 10            | OFLA1.25T       | 07945813034 | •                |
| 1 3/10 | FLA01.4        | FLA 1 3/10 A    | 10            | OFLA01.4T       | 07945813036 | •                |
| 1 1/2  | FLA01.5        | FLA 1 1/2 A     | 10            | OFLA01.5T       | 07945813037 | •                |
| 1 5/10 | FLA01.6        | FLA 1 5/10 A    | 10            | OFLA01.6T       | 07945813038 | •                |
| 1 7/10 | FLA01.8        | FLA 1 7/10 A    | 10            | OFLA01.8T       | 07945813040 | •                |
| 2      | FLA002         | FLA 2A          | 10            | OFLA002.T       | 07945813041 | •                |
| 2 1/4  | FLA2.25        | FLA 2 1/4 A     | 10            | OFLA2.25T       | 07945813042 | •                |
| 2 1/2  | FLA02.5        | FLA 2 1/2 A     | 10            | OFLA02.5T       | 07945813043 | •                |
| 2 5/10 | FLA02.8        | FLA 2 5/10 A    | 10            | OFLA02.8T       | 07945813046 | •                |
| 3      | FLA003         | FLA 3A          | 10            | OFLA003.T       | 07945813047 | •                |
| 3 3/10 | FLA03.2        | FLA 3 3/10 A    | 10            | OFLA03.2T       | 07945813049 | •                |
| 3 1/2  | FLA03.5        | FLA 3 1/2 A     | 10            | OFLA03.5T       | 07945813051 | •                |
| 4      | FLA004         | FLA 4A          | 10            | OFLA004.T       | 07945813053 | •                |
| 4 1/2  | FLA04.5        | FLA 4 1/2 A     | 10            | OFLA04.5T       | 07945813054 | •                |
| 5      | FLA005         | FLA 5A          | 10            | OFLA005.T       | 07945813055 | •                |
| 5 5/10 | FLA05.6        | FLA 5 5/10 A    | 10            | OFLA05.6T       | 07945813056 | •                |
| 6      | FLA006         | FLA 6A          | 10            | OFLA006.T       | 07945813058 | •                |
| 6 1/4  | FLA6.25        | FLA 6 1/4 A     | 10            | OFLA6.25T       | 07945813059 | •                |
| 7      | FLA007         | FLA 7A          | 10            | OFLA007.T       | 07945813061 | •                |
| 8      | FLA008         | FLA 8A          | 10            | OFLA008.T       | 07945813063 | •                |
| 10     | FLA010         | FLA 10A         | 10            | OFLA010.T       | 07945813065 | •                |
| 12     | FLA012         | FLA 12A         | 5             | OFLA012.V       | 07945813066 | •                |
| 15     | FLA015         | FLA 15A         | 5             | OFLA015.V       | 07945813068 | •                |
| 20     | FLA020         | FLA 20A         | 5             | OFLA020.V       | 07945813071 | •                |
| 25     | FLA025         | FLA 25A         | 5             | OFLA025.V       | 07945813072 | •                |
| 30     | FLA030         | FLA 30A         | 5             | OFLA030.V       | 07945813073 | •                |

# Midget 10x38mm Fuses

## FLA Series Slo-Blo® Indicating Type

### Dimensions Inches



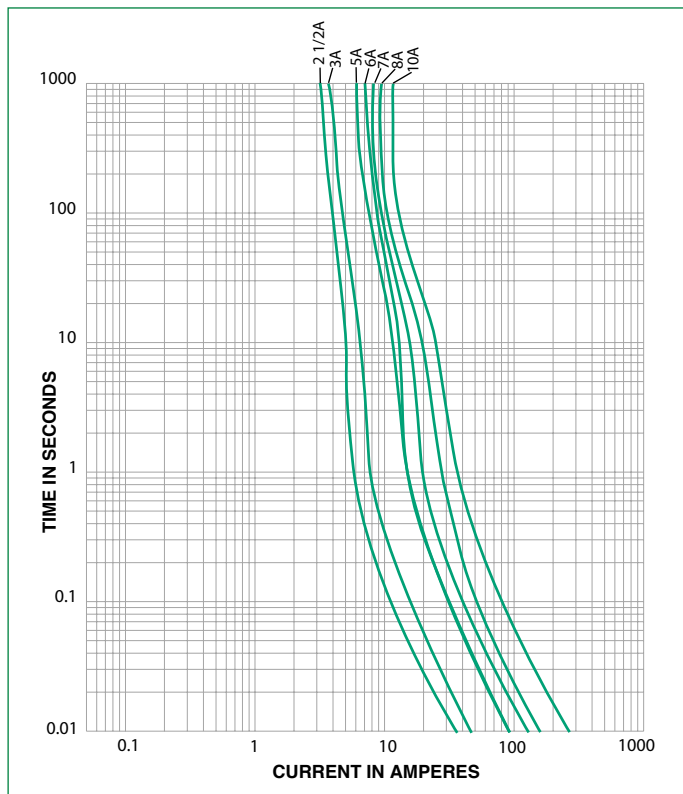
### Electrical Characteristics

| % OF AMPERE RATING | AMPERE RATING | OPENING TIME                             |
|--------------------|---------------|------------------------------------------|
| 100%               | 0-30          | Until temp stabilizes                    |
| 135%               | 0-30          | 1 hours, Maximum                         |
| 200%               | 0-3           | 2 minutes Maximum,<br>5 seconds Minimum  |
|                    | 3.2-30        | 2 minutes Maximum,<br>12 seconds Minimum |

# Midget 10x38mm Fuses

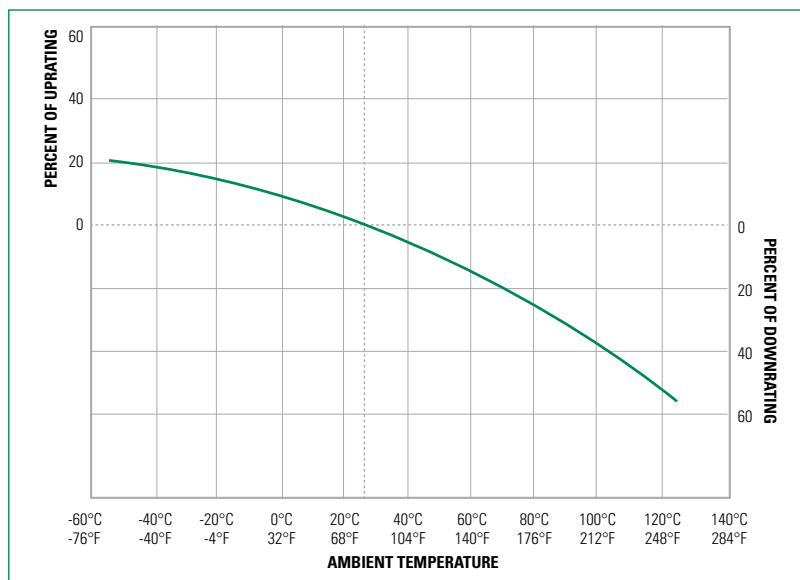
## FLA Series Slo-Blo® Indicating Type

### Average Time Current Curves



### Temperature Derating Curve

Ambient temperature: temperature of air immediately surrounding fuse



**Disclaimer Notice** – Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at [www.littelfuse.com/product-disclaimer](http://www.littelfuse.com/product-disclaimer).