

# Midget 10x38mm Fuses

## KLK Series

600 V ac/500 V dc •  $\frac{1}{10}$ –30 A • Fast Acting



### Description

The KLK series fast-acting fuses are designed specifically for the protection of control circuits, street lighting, HID lighting, computers, and other applications without high in-rush currents. These midget fuses also have high-interrupting and current-limiting capability. They are intended to supplement the primary branch-circuit fuse or breaker to provide backup overcurrent protection. The KLK fuses are non-indicating and may be used with an indicating fuse block to identify a blown fuse.

### Features & Benefits

| FEATURES                     | BENEFITS                                                                      |
|------------------------------|-------------------------------------------------------------------------------|
| <b>10x38 mm size</b>         | Common dimensions used in a variety of applications                           |
| <b>Fast-acting</b>           | Provides fast, reliable short-circuit response within the interrupting rating |
| <b>POWR-GARD® technology</b> | Ensures quality backup overcurrent protection                                 |

### Applications

- Control circuits
- Street and HID lighting
- Computers

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### Specifications

|                              |                                                                                            |
|------------------------------|--------------------------------------------------------------------------------------------|
| <b>Voltage Rating</b>        | 600 V ac / 500 V dc                                                                        |
| <b>Interrupting Ratings</b>  | AC: 100 kA<br>200 kA Littelfuse self-certified                                             |
| <b>Ampere Range</b>          | 1/10–30 A                                                                                  |
| <b>Applicable Standards</b>  | UL 248-14 Listed (File: E10480)<br>CSA Certified (File: LR29862)<br>QPL (File: F60C)<br>CE |
| <b>Environmental</b>         | RoHS Compliant                                                                             |
| <b>Material</b>              | Body: Melamine<br>Caps: Copper Alloy                                                       |
| <b>Operating Temperature</b> | See Rerating Curve                                                                         |
| <b>Country of Origin</b>     | Mexico                                                                                     |

### Certification & Compliance

|             |                                                      |
|-------------|------------------------------------------------------|
| <b>UL</b>   | UL Listed (File: E10480)                             |
| <b>CSA</b>  | CSA Certified (File: LR29862)                        |
| <b>CE</b>   | EU_DOC-KLK_201218                                    |
| <b>RoHS</b> | RoHS 2 Directive 2011/65/EU; Directive (EU) 2015/863 |

### Accessories

Littelfuse LPSM dead-front series fuse holder  
Littelfuse LEB series fuse holder  
Littelfuse L60030M series fuse holder

### Ordering Information

| AMP RATING | CATALOG NUMBER | ORDERING NUMBER | PRODUCT MARKING | VOLTAGE |     | INTERRUPTING RATING (KA) |    | UPC         | WEIGHT LB (G) | AGENCY APPROVALS |     |
|------------|----------------|-----------------|-----------------|---------|-----|--------------------------|----|-------------|---------------|------------------|-----|
|            |                |                 |                 | AC      | DC  | AC                       | DC |             |               | UL               | CSA |
| 1/10       | KLK.100        | OKLK.100T       | KLK 1/10A       | 600     | 500 | 100                      | 50 | 07945825011 | .013 (5.90)   | •                | •   |
| 1/8        | KLK.125        | OKLK.125T       | KLK 1/8A        | 600     | 500 | 100                      | 50 | 07945825012 | .013 (5.90)   | •                | •   |
| 3/10       | KLK.200        | OKLK.200T       | KLK 2/10A       | 600     | 500 | 100                      | 50 | 07945825018 | .013 (5.90)   | •                | •   |
| 1/4        | KLK.250        | OKLK.250T       | KLK 1/4A        | 600     | 500 | 100                      | 50 | 07945825019 | .013 (5.90)   | •                | •   |
| 3/10       | KLK.300        | OKLK.300T       | KLK 3/10A       | 600     | 500 | 100                      | 50 | 07945825020 | .013 (5.90)   | •                | •   |
| 1/2        | KLK.500        | OKLK.500T       | KLK 1/2A        | 600     | 500 | 100                      | 50 | 07945825024 | .013 (5.90)   | •                | •   |
| 3/4        | KLK.750        | OKLK.750T       | KLK 3/4A        | 600     | 500 | 100                      | 50 | 07945825029 | .013 (5.90)   | •                | •   |
| 1          | KLK001         | OKLK001.T       | KLK 1A          | 600     | 500 | 100                      | 50 | 07945825031 | .013 (5.90)   | •                | •   |
| 1 1/2      | KLK01.5        | OKLK01.5T       | KLK 1-1/2A      | 600     | 500 | 100                      | 50 | 07945825037 | .013 (5.90)   | •                | •   |
| 2          | KLK002         | OKLK002.T       | KLK 2A          | 600     | 500 | 100                      | 50 | 07945825041 | .017 (7.71)   | •                | •   |
| 2 1/2      | KLK02.5        | OKLK02.5T       | KLK 2-1/2A      | 600     | 500 | 100                      | 50 | 07945825043 | .017 (7.71)   | •                | •   |
| 3          | KLK003         | OKLK003.T       | KLK 3A          | 600     | 500 | 100                      | 50 | 07945825047 | .017 (7.71)   | •                | •   |
| 3 1/2      | KLK03.5        | OKLK03.5T       | KLK 3-1/2A      | 600     | 500 | 100                      | 50 | 07945825048 | .017 (7.71)   | •                | •   |

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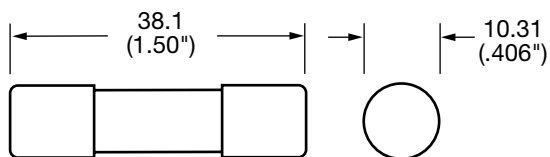
### Ordering Information

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|------------|----------------|-----------------|-----------------|---------|-----|--------------------------|----|-------------|---------------|------------------|-----|
|            |                |                 |                 | AC      | DC  | AC                       | DC |             |               | UL               | CSA |
| 4          | KLK004         | OKLK004.T       | KLK 4A          | 600     | 500 | 100                      | 50 | 07945825053 | .017 (7.71)   | •                | •   |
| 5          | KLK005         | OKLK005.T       | KLK 5A          | 600     | 500 | 100                      | 50 | 07945825055 | .017 (7.71)   | •                | •   |
| 6          | KLK006         | OKLK006.T       | KLK 6A          | 600     | 500 | 100                      | 50 | 07945825058 | .017 (7.71)   | •                | •   |
| 7          | KLK007         | OKLK007.T       | KLK 7A          | 600     | 500 | 100                      | 50 | 07945825061 | .017 (7.71)   | •                | •   |
| 8          | KLK008         | OKLK008.T       | KLK 8A          | 600     | 500 | 100                      | 50 | 07945825063 | .017 (7.71)   | •                | •   |
| 9          | KLK009         | OKLK009.T       | KLK 9A          | 600     | 500 | 100                      | 50 | 07945825064 | .017 (7.71)   | •                | •   |
| 10         | KLK010         | OKLK010.T       | KLK 10A         | 600     | 500 | 100                      | 50 | 07945825065 | .017 (7.71)   | •                | •   |
| 12         | KLK012         | OKLK012.T       | KLK 12A         | 600     | 500 | 100                      | 50 | 07945825067 | .017 (7.71)   | •                | •   |
| 15         | KLK015         | OKLK015.T       | KLK 15A         | 600     | 500 | 100                      | 50 | 07945825068 | .017 (7.71)   | •                | •   |
| 20         | KLK020         | OKLK020.T       | KLK 20A         | 600     | 500 | 100                      | 50 | 07945825071 | .017 (7.71)   | •                | •   |
| 25         | KLK025         | OKLK025.T       | KLK 25A         | 600     | 500 | 100                      | 50 | 07945825072 | .017 (7.71)   | •                | •   |
| 30         | KLK030         | OKLK030.T       | KLK 30A         | 600     | 500 | 100                      | 50 | 07945825073 | .017 (7.71)   | •                | •   |

### Electrical Specification - Agency Requirements

| AMPERAGE RATING | OPENING TIME (MINUTES)     |                            |                            |
|-----------------|----------------------------|----------------------------|----------------------------|
|                 | 100 % OF AMP RATING PER UL | 135 % OF AMP RATING PER UL | 200 % OF AMP RATING PER UL |
| 1/10—30         | Temperature Stabilization  | 60 Max                     | 2 Max                      |

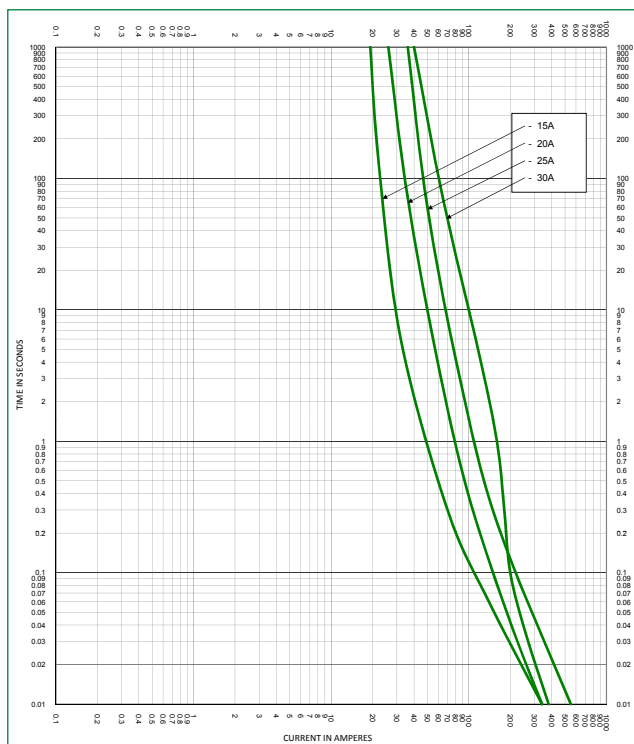
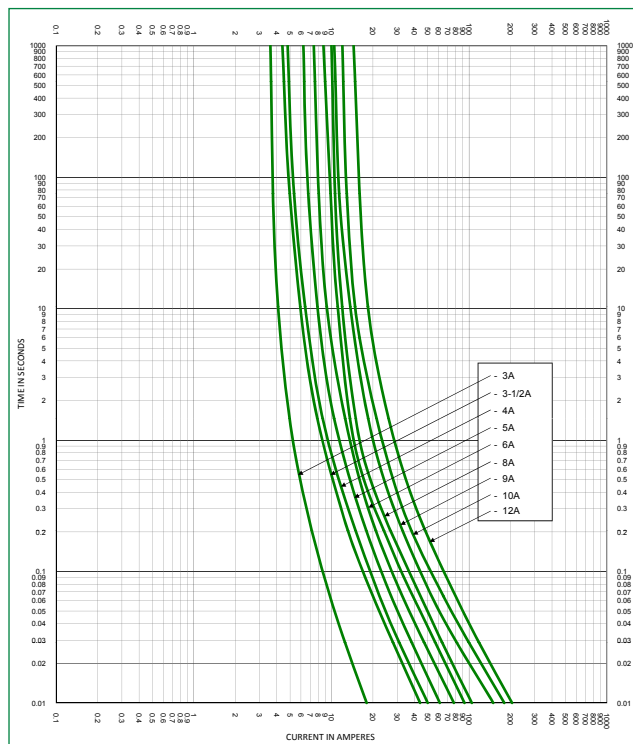
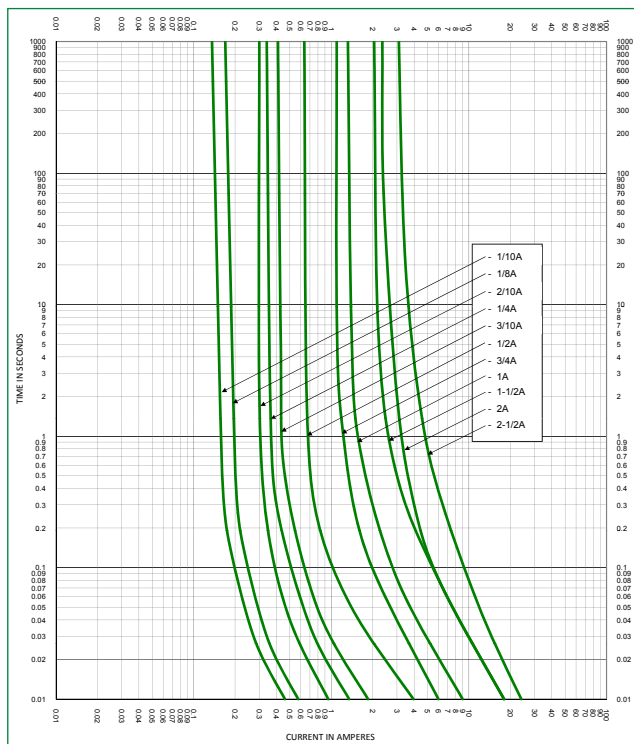
### Dimensions Millimeters (inches)



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### Time Current Curves

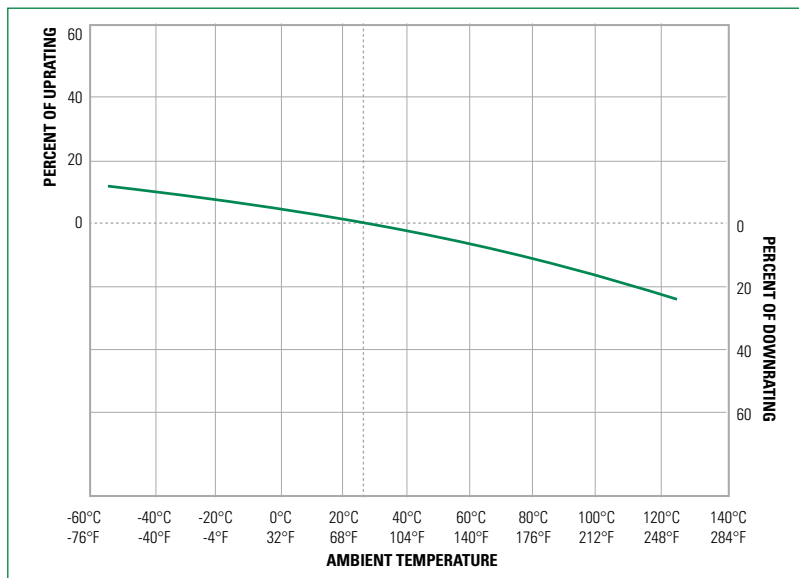


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### Temperature Derating Curve

Ambient temperature: temperature of air immediately surrounding fuse



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