

# Midget 10x38mm Fuses

## KLQ Series

600 V ac • 10x35 • Time Delay • 1–6 A



## Description

The 600 V KLQ series midget fuses are 1 $\frac{3}{8}$ " long in comparison to other midget fuses, which are 1 $\frac{1}{2}$ " long. They are the same physical size as the Littelfuse BLS fuse but carry an increased time-delay capability to handle transient and in-rush currents. They are ideally suited to protect gaseous vapor fixtures, HID ballasts, and other electronic and lighting circuits. These fuses are ideal for systems requiring 600 V ac or less.

## Features & Benefits

| FEATURES                     | BENEFITS                                              |
|------------------------------|-------------------------------------------------------|
| <b>Special 10x35 mm size</b> | Suitable for applications with space constraints      |
| <b>Increased time-delay</b>  | Additional opening time to allow for in-rush currents |
| <b>POWR-GARD® technology</b> | Ensures quality backup overcurrent protection         |

## Applications

- Gaseous vapor fixtures
- HID ballasts
- Lighting circuits

## Specifications

|                             |                                                |
|-----------------------------|------------------------------------------------|
| <b>Voltage Rating</b>       | 600 V ac or less                               |
| <b>Interrupting Ratings</b> | 10 kA @ rated V ac                             |
| <b>Ampere Range</b>         | 1, 1 $\frac{1}{2}$ , 2, 3, 5, 6                |
| <b>Applicable Standards</b> | UL Listed (File: E10480)<br>CSA Certified      |
| <b>Environmental</b>        | RoHS Compliant                                 |
| <b>Material</b>             | Body: Melamine<br>Copper Alloy (nickel plated) |
| <b>Country of Origin</b>    | Mexico                                         |

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### Certification & Compliance

|             |                             |
|-------------|-----------------------------|
| <b>UL</b>   | UL Listed (File: E10480)    |
| <b>CSA</b>  | 2734025 (LR 29862)          |
| <b>CE</b>   | KLQ-EU_DOC-KLQ_210715       |
| <b>RoHS</b> | 2011/65/EU – RoHS Directive |

### Accessories

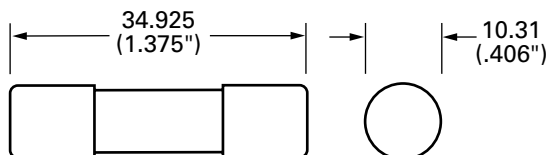
L60030M series fuse holder

L60030MPCB board mount fuse holder

### Ordering Information

| AMP RATING | AMP CODE | VOLTAGE (V AC) | INTERRUPTING RATING (kA) | CATALOG NUMBER | ORDERING NUMBER | UPC         | NOM COLD RESISTANCE (ohm) | AGENCY APPROVALS |
|------------|----------|----------------|--------------------------|----------------|-----------------|-------------|---------------------------|------------------|
|            |          |                | AC                       |                |                 |             |                           | UL               |
| 1          | 001.     | 600            | 10                       | KLQ001         | OKLQ001.T       | 07945805334 | 1.414                     | •                |
| 1 1/10     | 01.6     | 600            | 10                       | KLQ01.6        | OKLQ01.6T       | 07945805335 | 0.6536                    | •                |
| 2          | 002.     | 600            | 10                       | KLQ002         | OKLQ002.T       | 07945805336 | 0.4                       | •                |
| 3          | 003.     | 600            | 10                       | KLQ003         | OKLQ003.T       | 07945805337 | 0.1829                    | •                |
| 5          | 005.     | 600            | 10                       | KLQ005         | OKLQ005.T       | 07945805339 | 0.0766                    | •                |
| 6          | 006.     | 600            | 10                       | KLQ006         | OKLQ006.T       | 07945805340 | 0.0571                    | •                |

### Dimensions Millimeters (inches)

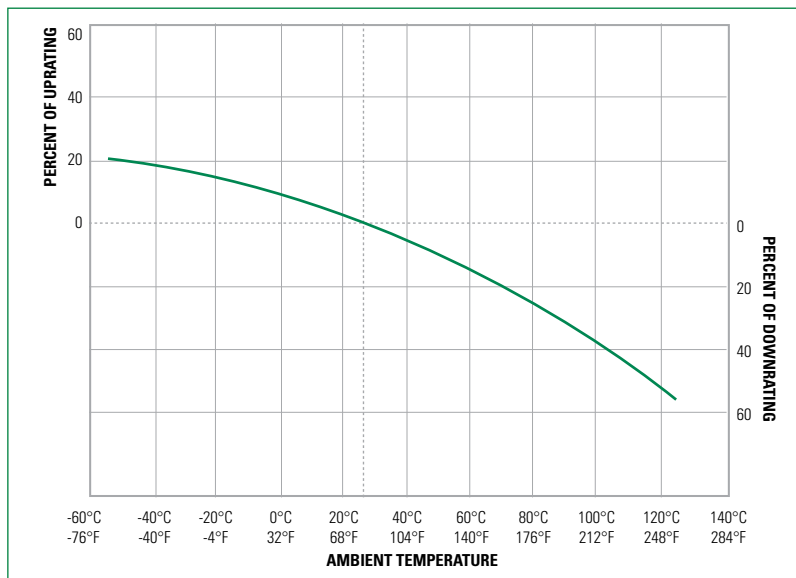


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### Temperature Derating Curve

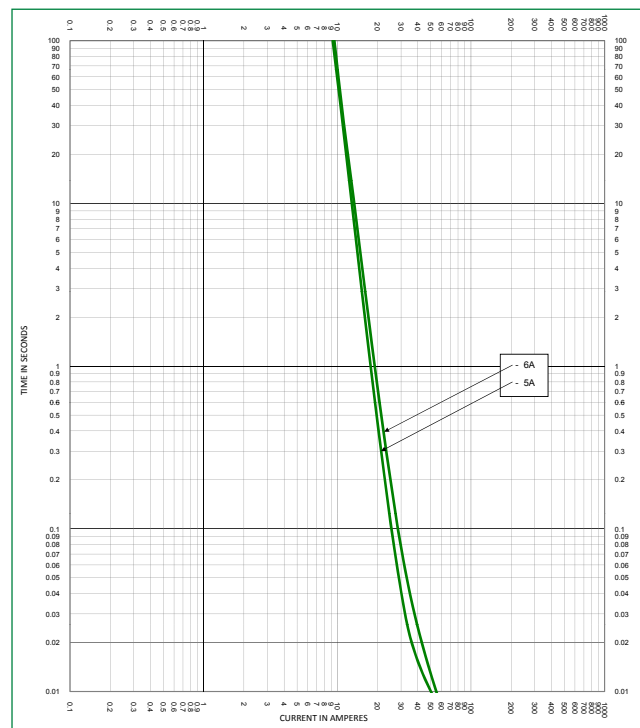
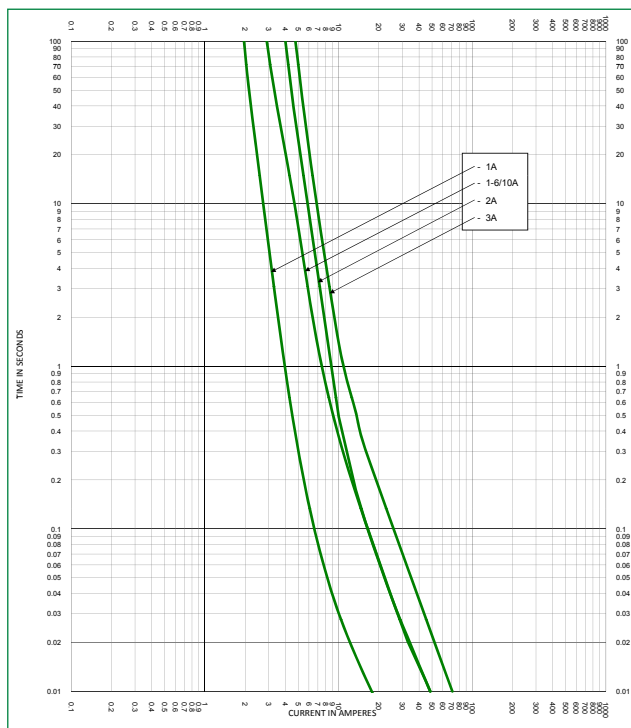
Ambient temperature: temperature of air immediately surrounding fuse



**Operating Temperature:** -55 °C to +125 °C

**Storage Temperature:** -20 °C to +60 °C  
at relative humidity 75%

### Time Current Curves



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