

**10 x 38mm MIDGET FUSES**

Gross Automation 3680 N. 126th St., Brookfield, WI 53005 Toll-Free: 877-268-3700 sales@grossautomation.com

UL Supplemental Fuses

**KLK Series**  
Fast-Acting Fuse  
600 Vac

UL QPL RoHS CE



AMPERE RATINGS			
1/10	1	5	15
1/8	1 1/2	6	20
2/10	2	7	25
1/4	2 1/2	8	30
3/10	3	9	—
1/2	3 1/2	10	—
3/4	4	12	—

**Specifications**

Fast-acting, high-interrupting capacity fuse designed for control circuits, HID lighting, street-lighting, meter circuits.

- Voltage Ratings** 600 Vac  
500 Vdc
- Interrupting Ratings** 100 kA @ 600 Vac  
50 kA @ 500 Vdc  
(capable of 200 kA)
- Approvals** UL Listed (E10480)  
CSA Certified (LR29862)
- Dimensions** L 38.1mm (1 1/2")  
D 10.31mm (13/32")

[littelfuse.com/klk](http://littelfuse.com/klk)

**KLKD Series**  
Fast-Acting Fuse  
600 Vac/dc

UL QPL RoHS gPV



AMPERE RATINGS			
1/10	1	5	15
1/8	1 1/2	6	20
2/10	2	7	25
1/4	2 1/2	8	30
3/10	3	9	—
1/2	3 1/2	10	—
3/4	4	12	—

**Specifications**

Fast-acting, high DC rated fuse used in solar combiner boxes, DC control circuits, UPS protection. Available in PC board mount.

- Voltage Ratings** 600 Vac/dc
- Interrupting Ratings** 100 kA @ 600 Vac  
10 kA @ 600 Vdc (UL2579)  
50 kA @ 600 Vdc (UL248-14)  
(capable of 200 kA)
- Approvals** UL Listed (E339112 & E10480)  
CSA Certified (LR29862)
- Dimensions** L 38.1mm (1 1/2")  
D 10.31mm (13/32")

[littelfuse.com/klkd](http://littelfuse.com/klkd)

**FLM Series**  
Time-Delay Fuse  
250 Vac

UL QPL RoHS Pb



AMPERE RATINGS				
1/10	8/10	2	4 1/2	10
15/100	1	2 1/4	5	12
2/10	1 1/8	2 1/2	5 6/10	15
1/4	1 1/4	2 8/10	6	20
3/10	1 4/10	3	6 1/4	25
4/10	1 1/2	3 2/10	7	30
1/2	1 6/10	3 1/2	8	—
6/10	1 8/10	4	9	—

**Specifications**

250V time-delay fuses used to protect circuits with high in-rush. Especially suited for supplemental protection of small motors.

- Voltage Ratings** 250 Vac  
125 Vdc self-certified @ 10 kA
- Interrupting Ratings** 10 kA @ 250 Vac
- Approvals** UL Listed (File: E10480)  
CSA Certified (029862\_0\_000)
- Dimensions** L 38.1mm (1 1/2")  
D 10.31mm (13/32")

[littelfuse.com/flm](http://littelfuse.com/flm)

**FLQ Series**  
Time-Delay Fuse  
500 Vac

UL QPL RoHS



AMPERE RATINGS				
1/10	1/2	2	5	12
1/8	6/10	2 1/4	5 6/10	14
15/100	8/10	2 1/2	6	15
3/16	1	3	6 1/4	20
2/10	1 1/8	3 2/10	7	25
1/4	1 1/4	3 1/2	8	30
3/10	1 1/2	4	9	—
4/10	1 6/10	4 1/2	10	—

**Specifications**

500V time-delay fuses for supplemental protection of control power transformers, solenoids, and circuits with high in-rush. Ideal for 480 V systems.

- Voltage Ratings** 500 Vac  
300 Vdc self-certified @ 10 kA
- Interrupting Ratings** 10 kA @ 500V ac
- Approvals** UL Listed (E10480)  
CSA Certified (LR29862)
- Dimensions** L 38.1mm (1 1/2")  
D 10.31mm (13/32")

[littelfuse.com/flq](http://littelfuse.com/flq)

**BLN Series**  
Fiber Body Fast-Acting Fuse  
250 Vac

UL QPL RoHS



AMPERE RATINGS				
1	3	6	12	25
1 1/2	4	8	15	30
2	5	10	20	—

**Specifications**

Fiber tube, 250 volt BLN fuses provide low-cost protection for military applications and control circuits.

- Voltage Ratings** 250 Vac
- Interrupting Ratings** 10 kA @ 250 Vac
- Approvals** UL Listed (E10480)  
CSA Certified (LR29862)
- Dimensions** L 38.1mm (1 1/2")  
D 10.31mm (13/32")

[littelfuse.com/bln](http://littelfuse.com/bln)

**BLF Series**  
Laminated Fast-Acting Fuse  
125/250 Vac

UL QPL RoHS



AMPERE RATINGS			
1/2	3	7	15
1	4	8	20
1 1/2	5	9	25
2	6	10	30
2 1/2	6 1/4	12	—

**Specifications**

Laminated tube BLF fuses are the lowest price midget fuse. They are suitable for control circuit and instrument protection in dry locations.

- Voltage Ratings** 250 Vac 1/2 - 15 A  
125 Vac 20 - 30 A
- Interrupting Ratings** 10 kA @ rated Vac
- Approvals** UL Listed (E10480)  
CSA Certified (LR29862)
- Dimensions** L 38.1mm (1 1/2")  
D 10.31mm (13/32")

[littelfuse.com/blf](http://littelfuse.com/blf)

# 10 x 38mm MIDGET FUSES

Gross Automation 3680 N. 126th St., Brookfield, WI 53005 Toll-Free: 877-268-3700 sales@grossautomation.com

## BLS Series Fast-Acting Fuse 600 Vac / 250 Vac



AMPERE RATINGS				
2/10	1	3	8	
4/10	1 1/2	4	10	
1/2	1 6/10	5	—	
3/4	1 8/10	6	—	
8/10	2	7	—	

### Specifications

Slightly shorter than a traditional 10 x 38, BLS fuses provide space saving protection for low amperage applications.

<b>Voltage Ratings</b>	600 Vac 2/10 - 5 A 250 Vac 6 - 10 A
<b>Interrupting Ratings</b>	10 kA @ rated Vac
<b>Approvals</b>	UL Listed (E10480) CSA Certified (LR29862)
<b>Dimensions</b>	<b>L</b> 34.9 mm (1 3/8") <b>D</b> 10.31 mm (13/32")

[littelfuse.com/bls](http://littelfuse.com/bls)

## KLO Series Increased Time-Delay 600 Vac



AMPERE RATINGS		
1	2	5
1 6/10	3	6

### Specifications

Same physical size as the BLS fuse with more time delay. Designed to protect gaseous vapor fixtures, HID ballasts and other electronic lighting circuits.

<b>Voltage Ratings</b>	600 Vac
<b>Interrupting Ratings</b>	10 kA @ rated Vac
<b>Approvals</b>	UL Listed (E10480) CSA Certified (LR29862)
<b>Dimensions</b>	<b>L</b> 34.9 mm (1 3/8") <b>D</b> 10.31 mm (13/32")

[littelfuse.com/klf](http://littelfuse.com/klf)

## FLA Series Time-Delay Pin Indicating Fuse 125 Vac



AMPERE RATINGS				
1/10	8/10	2	4 1/2	12*
15/100	1	2 1/4	5	15*
2/10	1 1/8	2 1/2	5 6/10	20*
1/4	1 1/4	2 9/10	6	25*
3/10	1 4/10	3	6 1/4	30*
4/10	1 1/2	3 2/10	7	—
1/2	1 6/10	3 1/2	8	—
6/10	1 8/10	4	10	—

\*12-30 A are dual tube design

### Specifications

Pin indicating time-delay fuses. Use in conjunction with special fuse blocks to operate mechanical signal switches or energize alarm circuits.

<b>Voltage Ratings</b>	125 Vac
<b>Interrupting Ratings</b>	10 kA @ rated Vac
<b>Approvals</b>	UL Listed (E10480)
<b>Dimensions</b>	<b>L</b> 38.1 mm (1 1/2") <b>D</b> 10.31 mm (13/32")

[littelfuse.com/fla](http://littelfuse.com/fla)

## FLU Series Multimeter Protection 1000 Vac/dc



### Specifications

Multimeter protection fuses.

<b>Voltage Rating</b>	1000 Vac/Vdc
<b>Interrupting Rating</b>	44/100 A: 10 kA 11 A: 20 kA
<b>Ampere Ratings</b>	44/100 & 11 A
<b>Time Constant</b>	10 ms
<b>Approvals</b>	UL Recognized (E10480) CSA Certified (LR29862)
<b>Dimensions</b>	44/100 A: 13/32" x 1 3/8" 11 A: 13/32" x 1 1/2"

[littelfuse.com/flu](http://littelfuse.com/flu)

### 10 x 38 Midget Fuse Holder Configurations

#### OPEN FUSE BLOCK



L60030M  
pg. 101

#### PC BOARD MOUNT FUSE BLOCK



L60030MPCB  
pg. 103

#### TOUCH SAFE



LFPSM (600 V)  
pg. 110



LFPHV (1000 V)  
pg. 109