

Midget Fuses

Supplementary Overcurrent Protection



KLK Fuses

FAST-ACTING ■ 600 VAC

Fast-acting, high-interrupting capacity, current-limiting type fuse. Especially suited for control circuits, street lighting, H.I.D. lighting, computers, and other applications without high inrush currents.

Voltage Rating: 600 Volts AC
500 Volts DC

Interrupting Rating: UL Listed 100,000 amperes rms symmetrical
(Capable of 200,000 amperes)

Ampere Ratings:

$\frac{1}{10}$	1	4	10
$\frac{1}{8}$	1½	5	12
$\frac{1}{4}$	2	6	15
$\frac{1}{2}$	2½	7	20
$\frac{3}{4}$	3	8	25
$\frac{1}{2}$	3½	9	30
$\frac{3}{4}$			

Approvals: Standard 248-14
UL Listed 3/10-30A
(File No: E10480)
CSA Certified 3/10-30A
(File No: LR29862)
Versions available to meet
MIL-F-5160/60, QPL F60C:
Contact Factory.

Dimensions: 13/32" x 1-1/2"

Example part number (series & amperage): KLK 1-1/2



KLKD Fuses

FAST-ACTING ■ 600 VAC/DC

Fast-acting, high-interrupting capacity, current-limiting type fuse. Especially suited for DC control circuits, street lighting, H.I.D. lighting, computers, and other applications.

Voltage Rating: 600 Volts AC/DC

Interrupting Rating: AC: 100,000 amperes rms symmetrical; DC: 10,000 amperes

Ampere Ratings:

$\frac{1}{10}$	1	4	10
$\frac{1}{8}$	1½	5	12
$\frac{1}{4}$	2	6	15
$\frac{1}{2}$	2½	7	20
$\frac{3}{4}$	3	8	25
$\frac{1}{2}$	3½	9	30
$\frac{3}{4}$			

Approvals: Standard 248-14
UL Listed 3/10-30A
(File No: E10480)
CSA Certified 3/10-30A
(File No: LR29862)

Dimensions: 13/32" x 1-1/2"

Example part number (series & amperage): KLKD 30



FLM Fuses

TIME-DELAY ■ 250 VAC

Use FLM 250 volt time-delay fuses to protect control circuit transformers, solenoids, and other circuits with high inrush currents. Excellent for supplemental protection of small motors. For motor branch-circuit protection, See Class CC fuses.

Voltage Rating: 250 Volts AC

Interrupting Rating: AC: 10,000 amperes rms symmetrical.

Ampere Ratings:

$\frac{1}{10}$	1½	3	7
$\frac{1}{8}$	1¼	3½	8
$\frac{1}{4}$	1½	3½	9
$\frac{1}{2}$	1½	4	10
$\frac{3}{4}$	1½	4½	12
$\frac{1}{2}$	1½	5	15
$\frac{1}{2}$	2	5½	20
$\frac{3}{4}$	2½	6	25
$\frac{1}{2}$	2½	6½	30
1	2½		

Approvals: Standard 248-14
UL Listed (File No: E10480)
CSA Certified
(File No: LR29862)

Dimensions: 13/32" x 1-1/2"

Example part number (series & amperage): FLM 15



FLQ Fuses

TIME-DELAY ■ 500 VAC

These 500 volt time-delay fuses provide excellent supplemental protection of control power transformers, solenoids, and circuits with high inrush currents. UL and CSA 500 volt ratings permit use on 480 volt circuits. FLQ fuses also provide supplemental protection to small motors. For motor branch-circuit protection, see Class CC fuses.

Voltage Rating: 500 Volts AC

Interrupting Rating: 10,000 amperes rms symmetrical

Ampere Ratings:

$\frac{1}{10}$	$\frac{1}{10}$	3½	8
$\frac{1}{8}$	1	3½	9
$\frac{1}{4}$	1½	4	10
$\frac{1}{2}$	1½	4½	12
$\frac{3}{4}$	1½	5	14
$\frac{1}{2}$	1½	5½	15
$\frac{1}{2}$	2	6	20
$\frac{1}{2}$	2½	6½	25
$\frac{1}{2}$	2½	7	30
$\frac{1}{2}$	3		

Approvals: Standard 248-14
UL Listed (File No: E10480)
CSA Certified
(File No: LR29862)

Dimensions: 13/32" x 1-1/2"

Example part number (series & amperage): FLQ 1/2

RECOMMENDED FUSE BLOCKS

L60030M series. Refer to Fuse Block section of this catalog for additional information.

Midget &
Electronic
Fuses

Midget Fuses

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BLN Fuses

FAST-ACTING ■ 250 VAC

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

Voltage Rating: 250 Volts AC

Interrupting Rating: 10,000 amperes rms symmetrical

Ampere Ratings:

1	5	10	20
2	6	12	25
3	8	15	30
4			

Approvals: Standard 248-14
UL Listed (File No: E10480)
CSA Certified
(File No: LR29862)
Versions available to meet
MIL-F-15160/9, QPL F09A:
Contact Factory

Dimensions: 13/32" x 1-1/2"

Example part number (series & amperage): BLN 30



BLF Fuses

FAST-ACTING ■ 125/250 VAC

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 Volts AC: 1/2 – 15 amperes; 125 Volts AC: 20 – 30 amperes

Interrupting Rating: 10,000 amperes rms symmetrical

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 1/2	12	

Approvals: Standard 248-14
UL Listed (File No: E10480)
CSA Certified
(File No: LR29862)

Dimensions: 13/32" x 1-1/2"

Example part number (series & amperage): BLF 5



BLS Fuses

FAST-ACTING ■ 250/600 VAC

BLS fuses are 1-3/8" long in contrast to other midget fuses which are 1-1/2". They provide space-saving, low-cost, protection to street lighting, metering, control and electronic circuits.

Voltage Rating: 600 Volts AC: 2/10 – 5 amperes; 250 Volts AC: 6 – 10 amperes

Interrupting Rating: 10,000 amperes rms symmetrical

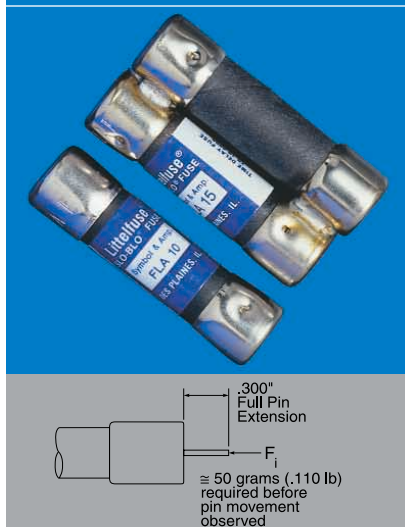
Ampere Ratings:

3/10	1	2	6
4/10	1 1/2	3	7
1/2	1 1/2	4	8
3/4	1 1/2	5	10
9/10			

Approvals: Standard 248-14
UL Listed 1/2-5 Amps
(File No: E10480)
CSA Certified 1/2 – 5 Amps
(File No: LR29862)

Dimensions: 13/32" x 1-3/8"

Example part number (series & amperage): BLS 10



FLA Fuses

TIME-DELAY ■ 125 VAC

FLA fuses are 125 volt, *pin-indicating* time-delay fuses for protection of control circuit transformers, solenoids, and other circuits with high inrush currents. Metal indicating pin "pops-out" when fuse opens. Pin gives visual indication of open fuse. Use FLA fuses in conjunction with special fuseblocks to operate mechanical signal switches or energize alarm circuits. Fuses rated 12 amperes and above have dual-tube construction.

Voltage Rating: 125 Volts AC

Interrupting Rating: 10,000 amperes rms symmetrical

Ampere Ratings:

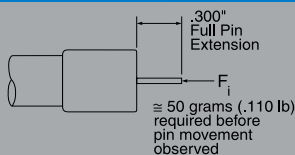
1/10	1 1/2	2 1/2	6 1/2
1 1/10	1 1/2	3	7
3/10	1 1/2	3 1/2	8
1/4	1 1/2	3 1/2	10
3/10	1 1/2	4	12 *
4/10	1 1/2	4 1/2	15 *
1/2	2	5	20 *
5/10	2 1/2	5 1/2	25 *
9/10	2 1/2	6	30 *
1			

Approvals: Standard 248-14
UL Listed (File No: E10480)
CSA Certification Pending

Dimensions: 13/32" x 1-1/2"

* Note: Dual tube construction

Example part number (series & amperage): FLA 15



RECOMMENDED FUSE BLOCKS

L60030M series. Refer to Fuse Block section of this catalog for additional information.

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NEW



KLQ Series Fuses

The Littelfuse KLQ series is designed to protect gaseous vapor fixtures, HID ballasts, and other electronic and lighting circuits. The KLQ is the same physical size as the Littelfuse BLS, but has more time delay to handle transient and inrush currents.

SPECIFICATIONS

Voltage Rating: 600VAC

Interrupting Rating: 10,000 amperes

Ampere Range: 1 – 6 amperes

Approvals: Standard 248-14 UL Listed (File No: E10480)

Dimensions: 13/32" x 1-3/8"

AMPERE RATINGS

1	2	4	6
1-6/10	3	5	

RECOMMENDED FUSE BLOCKS

L60030M Series. Refer to Fuse Block section of this catalog for additional information.

ORDERING INFORMATION

Example catalog number: KLQ005

Example system number: 0KLQ005.T

CROSS REFERENCE

Littelfuse	Buss	Ferraz-Shawmut
KLQ	KTQ	—

Midget & Electronic Fuses

NEW



FLU Series Fuses

The Littelfuse FLU series is designed specifically for the protection of multimeters. The 1000 VAC/VDC rating also makes the FLU ideal for a variety of other applications.

SPECIFICATIONS

Voltage Rating: 1000 VAC/VDC

Interrupting Rating: 44/100A: 10kA
11A: 20kA

Ampere Range: 44/100 and 11 amperes

Approvals: UL Recognized under the components program.
(File No: E10480)
CSA Certified (File No: LR29862)

Dimensions: 44/100A: 13/32" x 1-3/8"
11A: 13/32" x 1-1/2"

ORDERING INFORMATION

Example catalog number: FLU011

Example system number: 0FLU011.T

CROSS REFERENCE

Littelfuse	Buss	Ferraz-Shawmut
FLU	DMM	—

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