

### FUSE BLOCK SELECTION

The following guidelines should help to simplify the selection of proper fuse blocks:

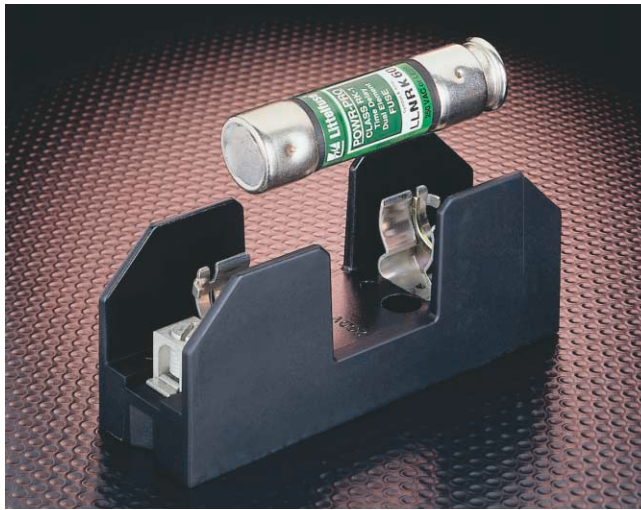
#### 1. Determine the system voltage

Since fuses are selected on the basis of system voltage, fuse blocks are selected to match the voltage rating of the fuse.

#### 2. Determine the design short-circuit current

Available and/or design short-circuit current is an important consideration when determining the class of fuse and fuse blocks to use. If available short-circuit current cannot be determined, or if it will vary with equipment location, select fuses with a 200,000 ampere interrupting rating (A.I.R.) and mating fuse blocks with a withstand rating of 200,000 amperes for maximum safety.

Class H fuse blocks will accept Class H or K5 fuses (which have an interrupting rating of up to 50,000 amperes) and Class R fuses (which have a 200,000 A.I.R.). To prevent the possibility of inserting a fuse with the incorrect interrupting rating, the use of Class R fuse blocks is recommended for use with Class R fuses. Use Class H fuse blocks with Class H or K5 fuses. These fuse blocks are dimensionally the same, but the Class R fuse blocks incorporate a rejection feature which allows only Class R fuses to be inserted.



#### 3. Determine the type and ampere rating of the fuse to be used

In addition to voltage and interrupting rating, as discussed above, the fuse's ampere rating, opening characteristics (fast-acting or time-delay) and size are other important considerations in fuse selection. Once the fuse type is selected, the mating fuse block can be chosen. Fuse blocks are available in 30, 60, 100, 200, 400 and 600 amp ratings, and may be used with a fuse rated at the corresponding ampere rating or below. For example, a fuse block rated at 30 amperes may be used with a fuse rated from 0 to 30 amperes.

#### 4. Determine if NEC, CSA, UL or other requirements are applicable

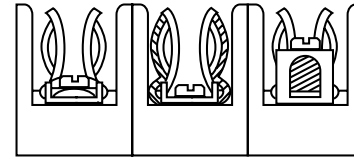
If fuse blocks will be installed in equipment to be submitted for agency approval, the requirements should be obtained from the approving agency in advance of fuse and fuse block selection.

#### 5. Select the type of wire termination

A choice of three types of wire termination is available:

- a) Screw\* — for use with spade lugs or ring terminals.
- b) Screw with pressure plate\* — for use with solid or stranded wire without terminal. Recommended where vibration will be a factor.
- c) Box lug — the most durable. For use with all types of solid wire and Class B and Class C stranded wire. Not for use with welding cable or other rope-stranded conductors.

\* 1/4" Quick connect terminals rated for up to 20A are available on the midget and Class CC fuse blocks.



Screw with Pressure Plate (P)

Screw (S)

Box Lug (C)

#### 6. Decide on the number of poles in each block

The number of poles for each set of fuses is determined by the characteristics of the circuit. Whether to gang the fuse blocks into long strips will be determined by the available space and by the type of wire being used.

#### 7. Determine if fuse clips need to be reinforced

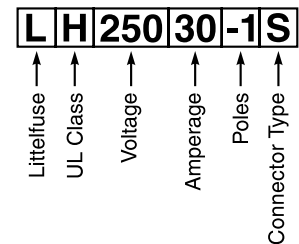
Fuse clips may have a tendency to lose some of their tension over a period of time. This may be prevented by specifying reinforced fuse clips. Reinforced clips are standard on certain fuse blocks (see individual product pages).

#### Ordering information

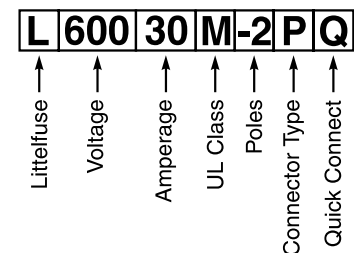
The Littelfuse fuse block part number consists of 5 or 6 components, as shown below and in the individual fuse block data tables.

### ORDERING INFORMATION

For all Class R, H, J, T and 15, 20 & 60A Class G Fuse Blocks:



For all Class CC, Midget and 30A Class G Fuse Blocks:



Blocks And Holders



# Class H/K5 and R Fuse Blocks

250 and 600 Volt



## SPECIFICATIONS

**Voltage Rating:** 250 Volts; 600 Volts

**Ampere Ratings:** 0 – 600 amperes

**Approvals:** UL Listed (File No. E14721)  
CSA Certified (File No. LR73091)

## RECOMMENDED FUSES

**Class H Blocks**  
**250V**  
NLN  
RLN

**600V**  
NLS  
RLS

**Class R Blocks**  
**250V**  
FLNR  
KLNK  
LLNRK  
TLN

**600V**

FLSR/FLSR\_ID  
KLSR  
LLSRK/LLSRK\_ID  
IDSR

Class H fuse blocks are for use with Class H/K5 fuses, which have an interrupting rating of up to 50,000 amperes. When higher interrupting ratings are required, use Class R fuses (200,000 A.I.R.) and Class R fuse blocks. Class R fuse blocks are dimensionally the same as Class H blocks, but incorporate a rejection feature which allows only Class R fuses to be inserted.

## FEATURES/BENEFITS

Class H and Class R fuse blocks feature a one-piece fuse clip design for positive electrical contact and minimum heat rise. Side barriers provide isolation between poles. Bases on most blocks are of molded phenolic or thermoplastic, UL rated at 150° C.

### Class H 250V

Amp Rating	No. of Poles	Catalog Number	Connector Type (Add suffix shown)			Maximum Wire Size
			Screw	Pressure Plate	Box Lug	
30	1	LH25030-1	S (R)	P (R)	C (R)	S & P = #10 CU C = #6 CU-AL
	2	LH25030-2	S (R)	P (R)	C (R)	
	3	LH25030-3	S (R)	P (R)	C (R)	
60	1	LH25060-1	S (R)		C (R)	S = #10 CU C = #2 CU-AL
	2	LH25060-2	S (R)		C (R)	
	3	LH25060-3	S (R)		C (R)	
100	1	LH25100-1			C	#2/0 CU-AL
	2	LH25100-2			C	
	3	LH25100-3			C	
200	1	LH25200-1			C	250 MCM CU-AL
	3	LH25200-3			C	
	3	LH25200-3			C	
400	1	LH25400-1			CR	(2) 350 MCM CU-AL
	3	LH25400-3			CR	
600	1	LH25600-1			C	(2) 500 MCM CU-AL
	3	LH25600-3			C	

Note: Reinforcing springs standard on all Class H fuse blocks 100 amperes and above.

### Class R 250V

Amp Rating	No. of Poles	Catalog Number	Connector Type (Add suffix shown)			Maximum Wire Size
			Screw	Pressure Plate	Box Lug	
30	1	LR25030-1	SR	PR	CR	S & P = #10 CU C = #6 CU-AL
	2	LR25030-2	SR	PR	CR	
	3	LR25030-3	SR	PR	CR	
60	1	LR25060-1			CR	S = #10 CU C = #2 CU-AL
	2	LR25060-2			CR	
	3	LR25060-3			CR	
100	1	LR25100-1			C	#2/0 CU-AL
	2	LR25100-2			C	
	3	LR25100-3			C	
200	1	LR25200-1			C	250 MCM CU-AL
	3	LR25200-3			C	
	3	LR25200-3			C	
400	1	LR25400-1			CR	(2) 350 MCM CU-AL
	3	LR25400-3			CR	
600	1	LR25600-1			C	(2) 500 MCM CU-AL
	3	LR25600-3			C	

Note: Reinforcing springs standard on all Class R fuse blocks.

### Class H 600V

Amp Rating	No. of Poles	Catalog Number	Connector Type (Add suffix shown)			Maximum Wire Size
			Screw	Pressure Plate	Box Lug	
30	1	LH60030-1	S (R)	P (R)	C (R)	S & P = #10 CU C = #6 CU-AL
	2	LH60030-2	S (R)	P (R)	C (R)	
	3	LH60030-3	S (R)	P (R)	C (R)	
60	1	LH60060-1			C (R)	S = #10 CU C = #2 CU-AL
	2	LH60060-2			C (R)	
	3	LH60060-3			C (R)	
100	1	LH60100-1			C	#2/0 CU-AL
	2	LH60100-2			C	
	3	LH60100-3			C	
200	1	LH60200-1			C	250 MCM CU-AL
	3	LH60200-3			C	
	3	LH60200-3			C	
400	1	LH60400-1			CR	(2) 350 MCM CU-AL
	3	LH60400-3			CR	
600	1	LH60600-1			C	(2) 500 MCM CU-AL
	3	LH60600-3			C	

Note: Reinforcing springs standard on all Class H fuse blocks 100 amperes and above.

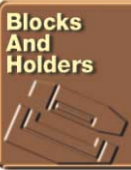
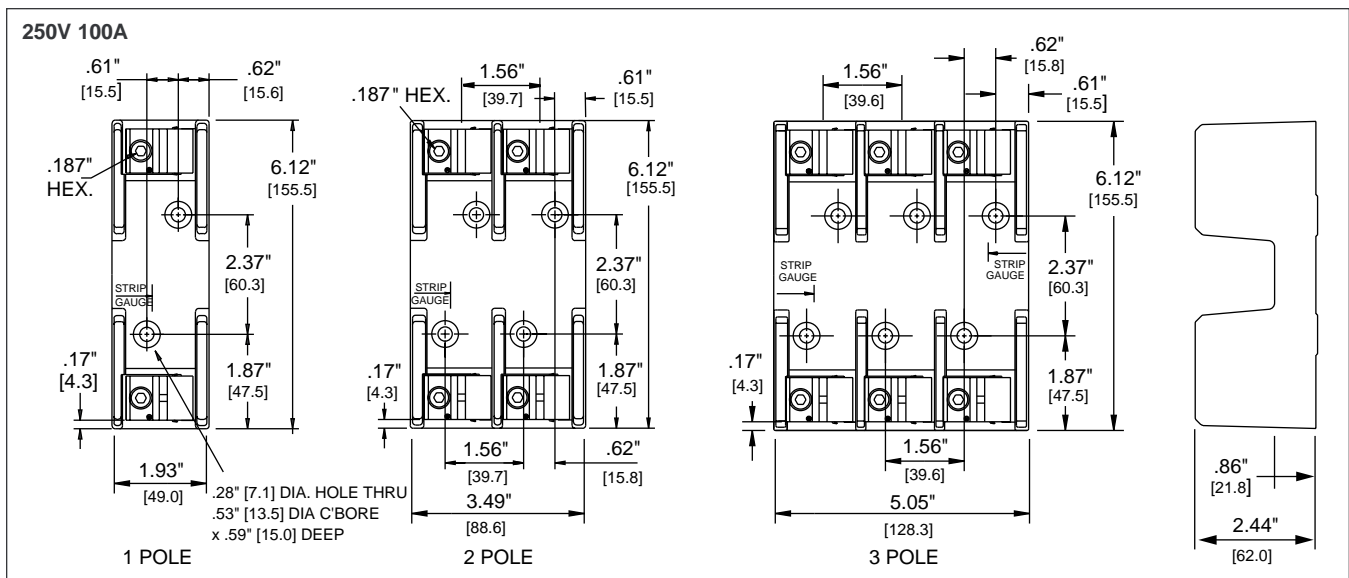
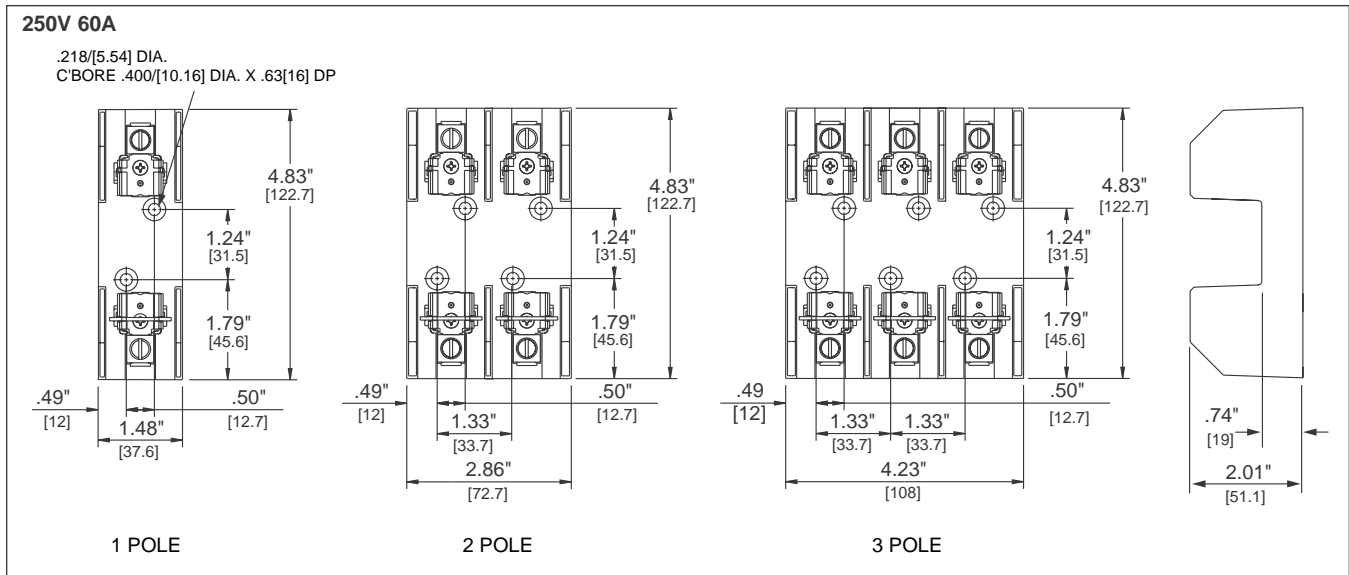
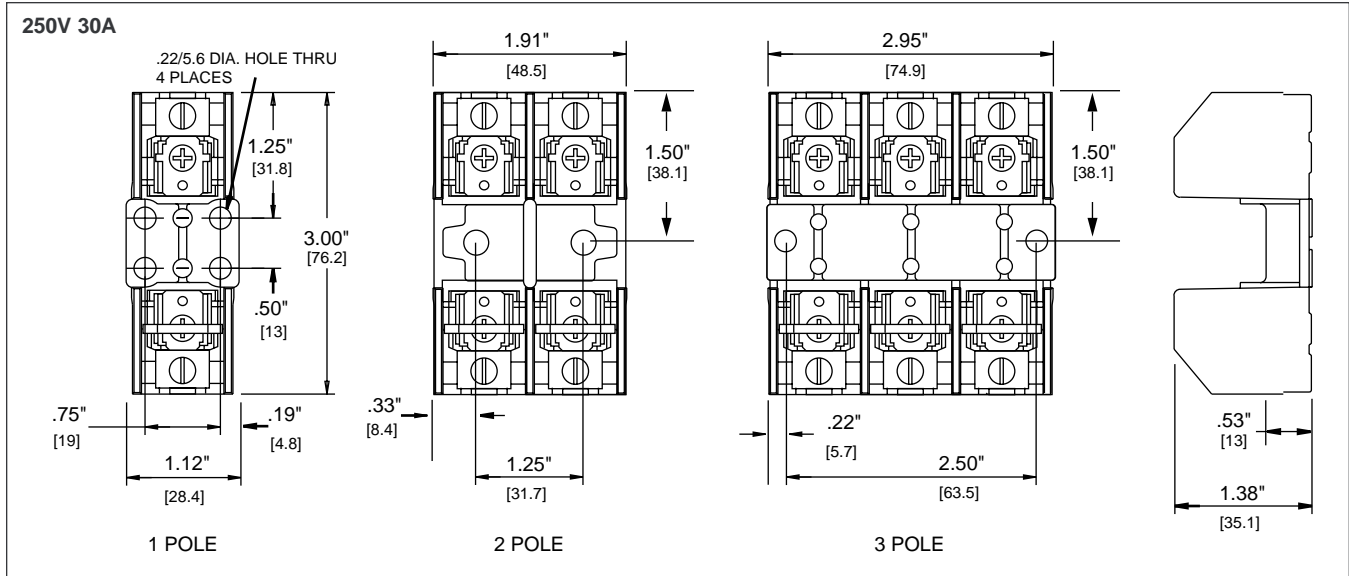
### Class R 600V

Amp Rating	No. of Poles	Catalog Number	Connector Type (Add suffix shown)			Maximum Wire Size
			Screw	Pressure Plate	Box Lug	
30	1	LR60030-1	SR	PR	CR	S & P = #10 CU C = #6 CU-AL
	2	LR60030-2	SR	PR	CR	
	3	LR60030-3	SR	PR	CR	
60	1	LR60060-1			CR	S = #10 CU C = #2 CU-AL
	2	LR60060-2			CR	
	3	LR60060-3			CR	
100	1	LR60100-1			C	#2/0 CU-AL
	2	LR60100-2			C	
	3	LR60100-3			C	
200	1	LR60200-1			C	250 MCM CU-AL
	3	LR60200-3			C	
	3	LR60200-3			C	
400	1	LR60400-1			CR	(2) 350 MCM CU-AL
	3	LR60400-3			CR	
600	1	LR60600-1			C	(2) 500 MCM CU-AL
	3	LR60600-3			C	

Note: Reinforcing springs standard on all Class R fuse blocks.

# Class H/K5 and R Fuse Blocks

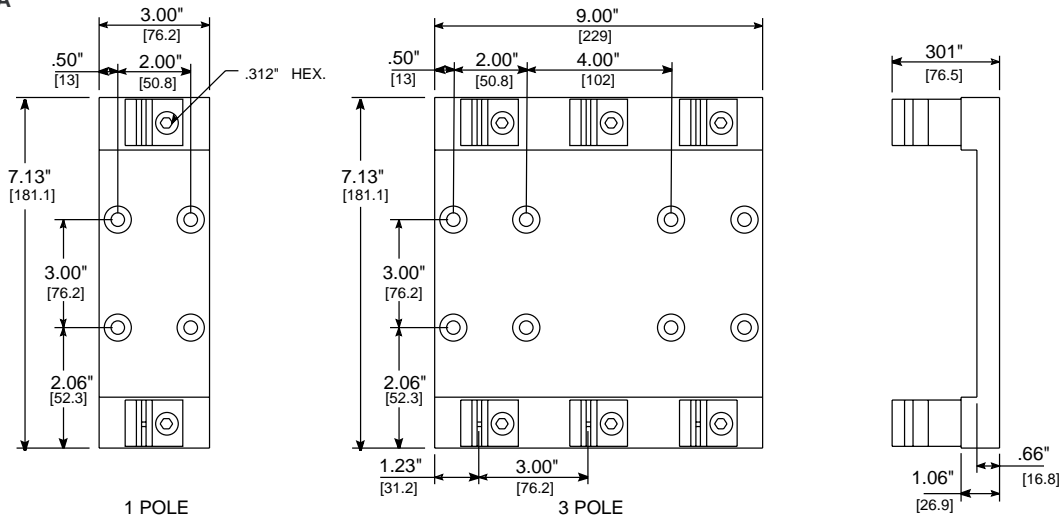
250 Volt



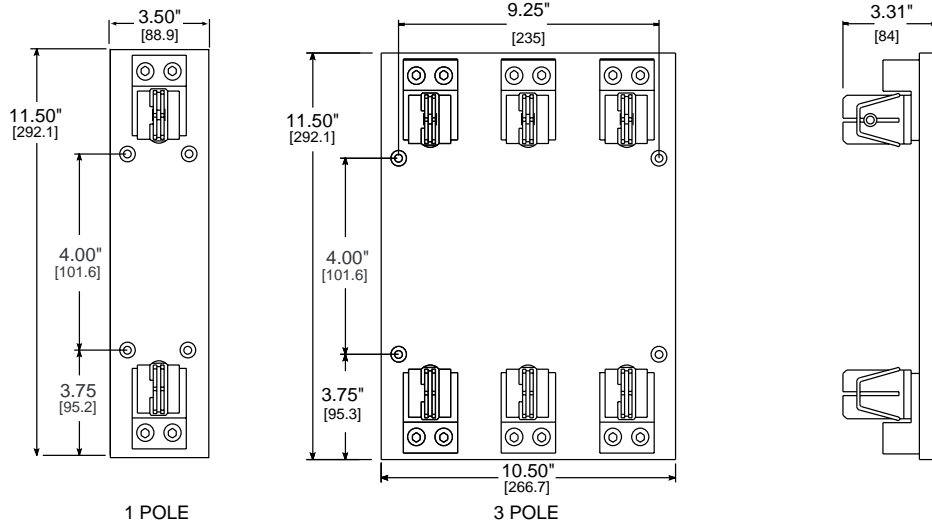
# Class H/K5 and R Fuse Blocks

250 Volt

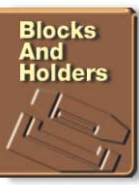
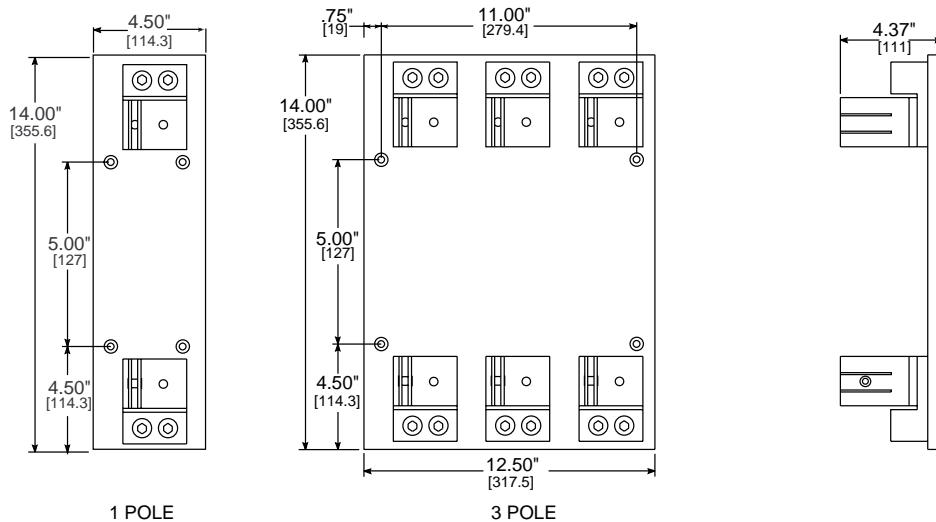
## 250V 200A



## 250V 400A

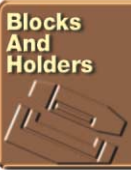
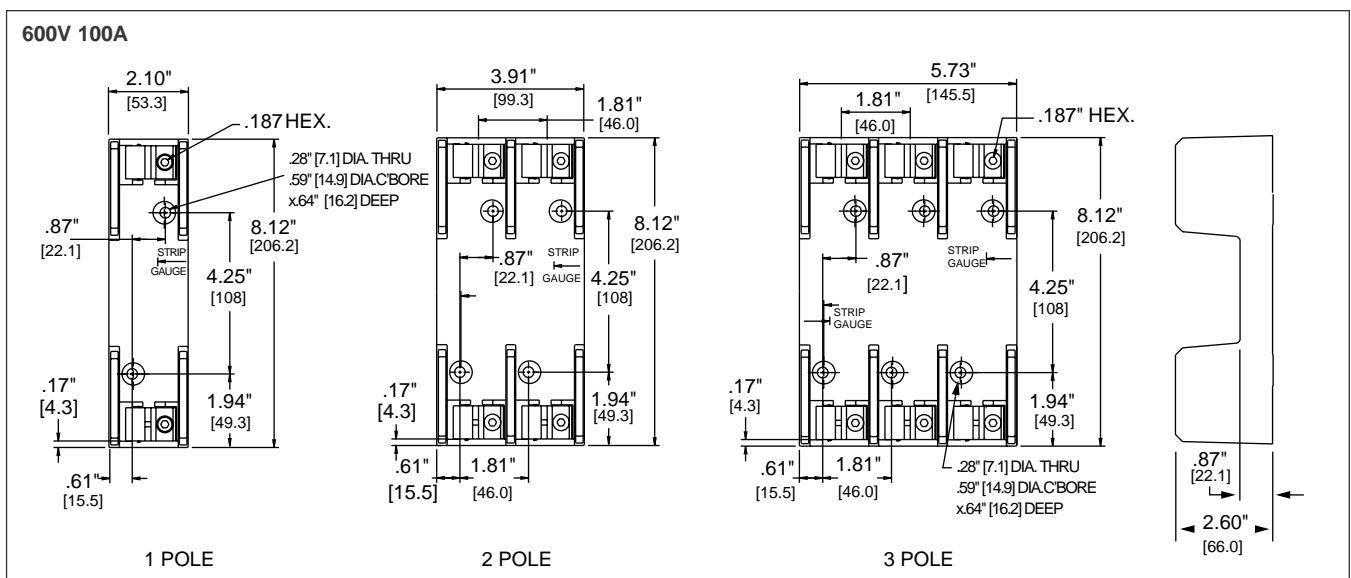
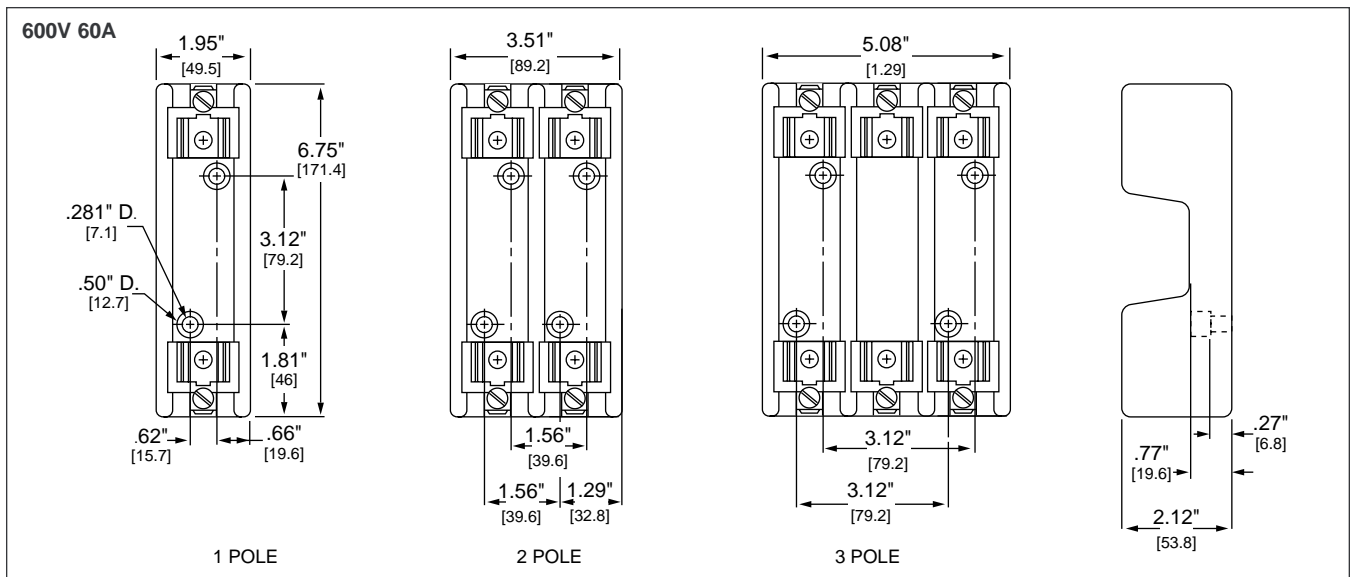
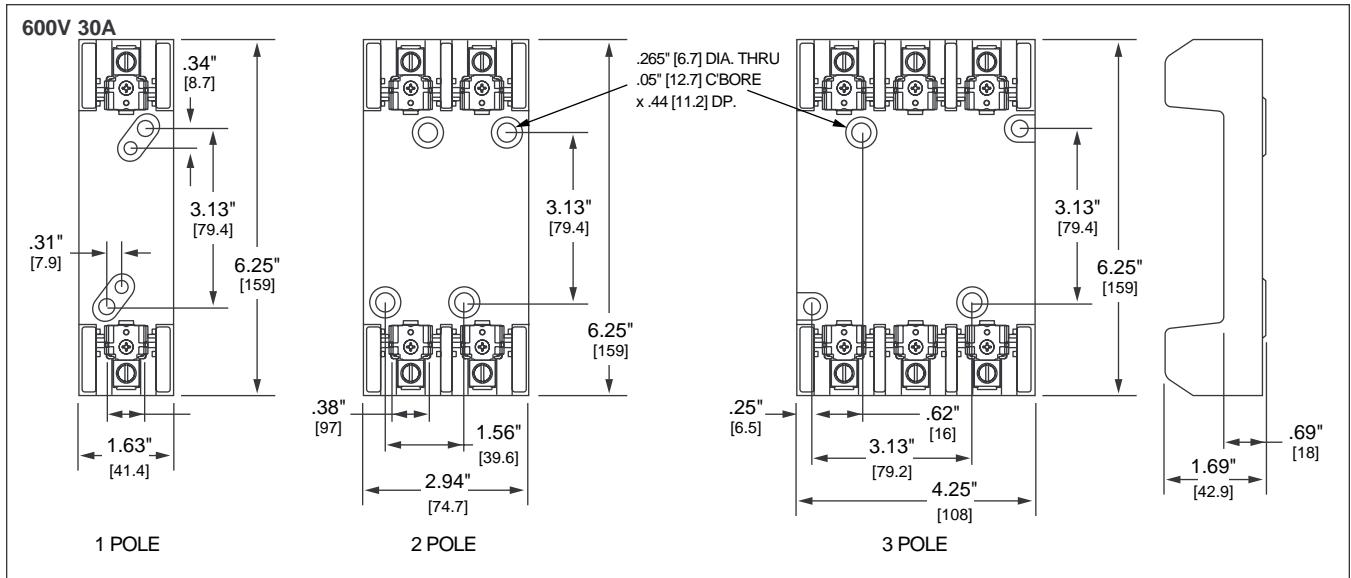


## 250V 600A



# Class H/K5 and R Fuse Blocks

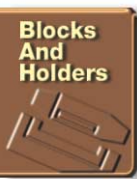
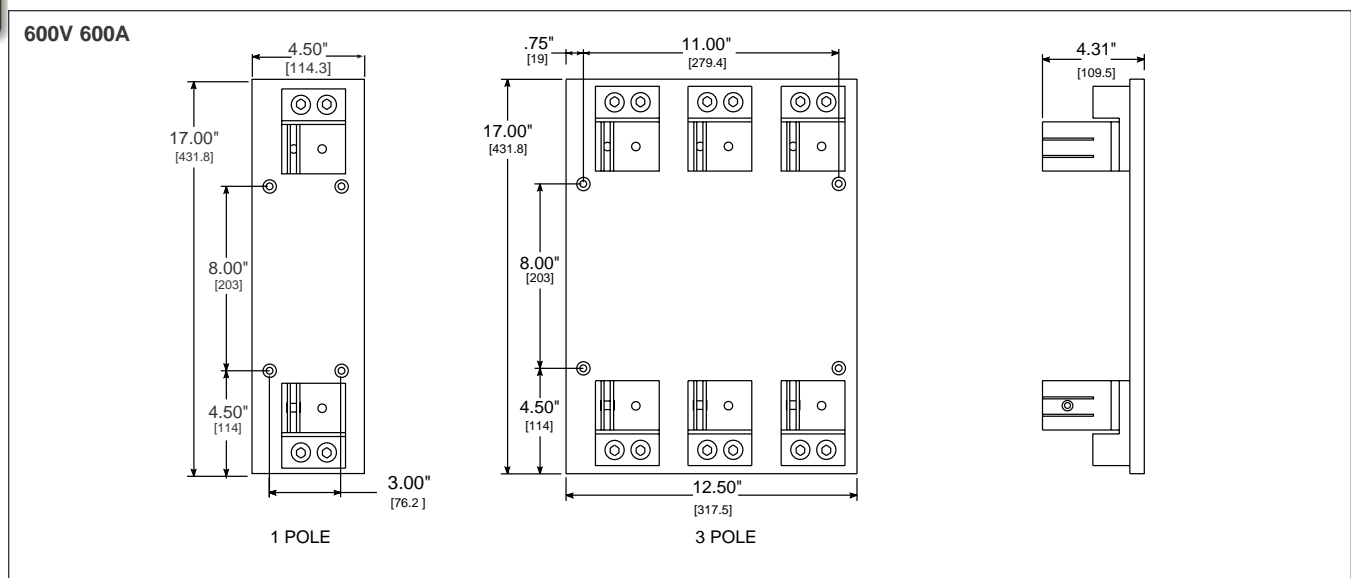
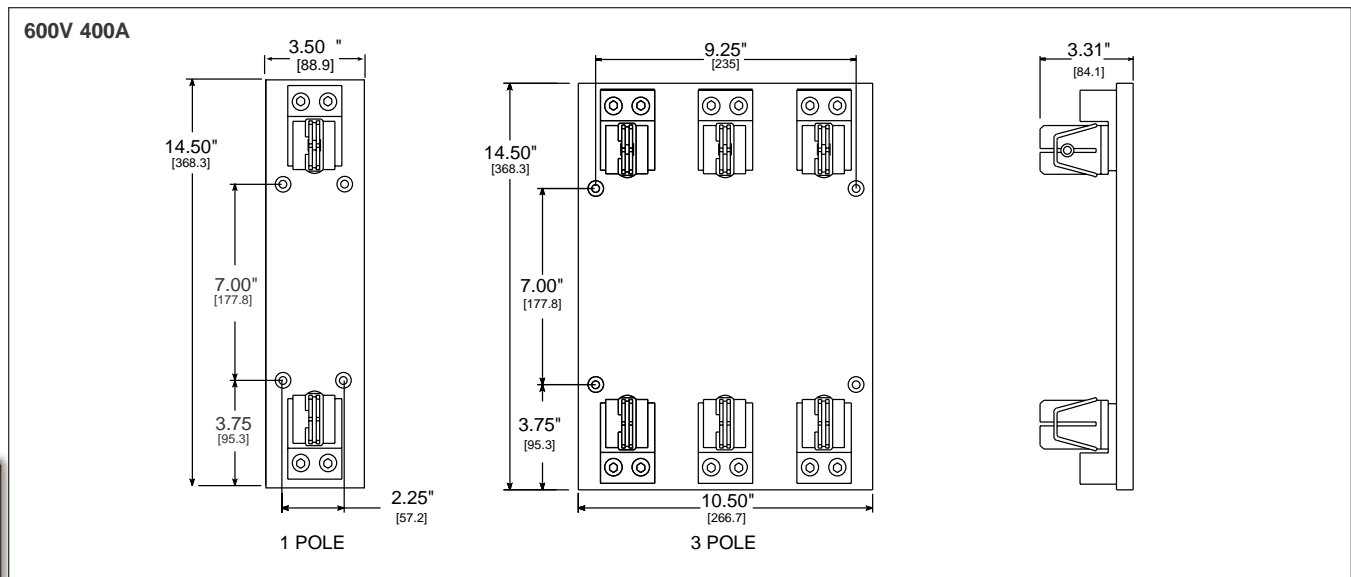
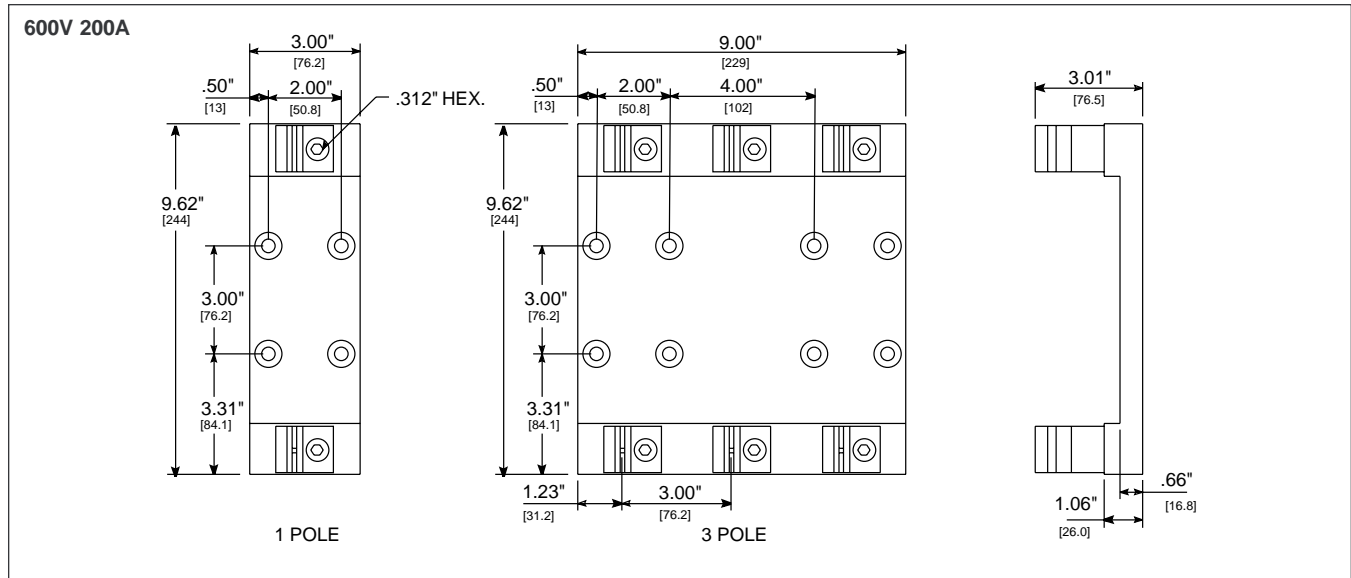
600 Volt



**Blocks  
And  
Holders**

# Class H/K5 and R Fuse Blocks

600 Volt





# Class J Fuse Blocks

600 Volt



## SPECIFICATIONS

**Voltage Ratings:** 600 Volts

**Ampere Ratings:** 0 – 600 amperes

**Approvals:** UL Listed: 30 - 200A (File No. E14721)  
 400 & 600A (File No. E14853)  
 CSA Certified: 30 - 200A (File No. LR73091)  
 400 & 600A (File No. LR47235)

## RECOMMENDED FUSES

JTD\_ID/JTD (time-delay) and JLS (fast-acting) series fuses

For use with space-saving, high interrupting capacity, very current-limiting 600 volt Class J fuses.

## Class J 600V

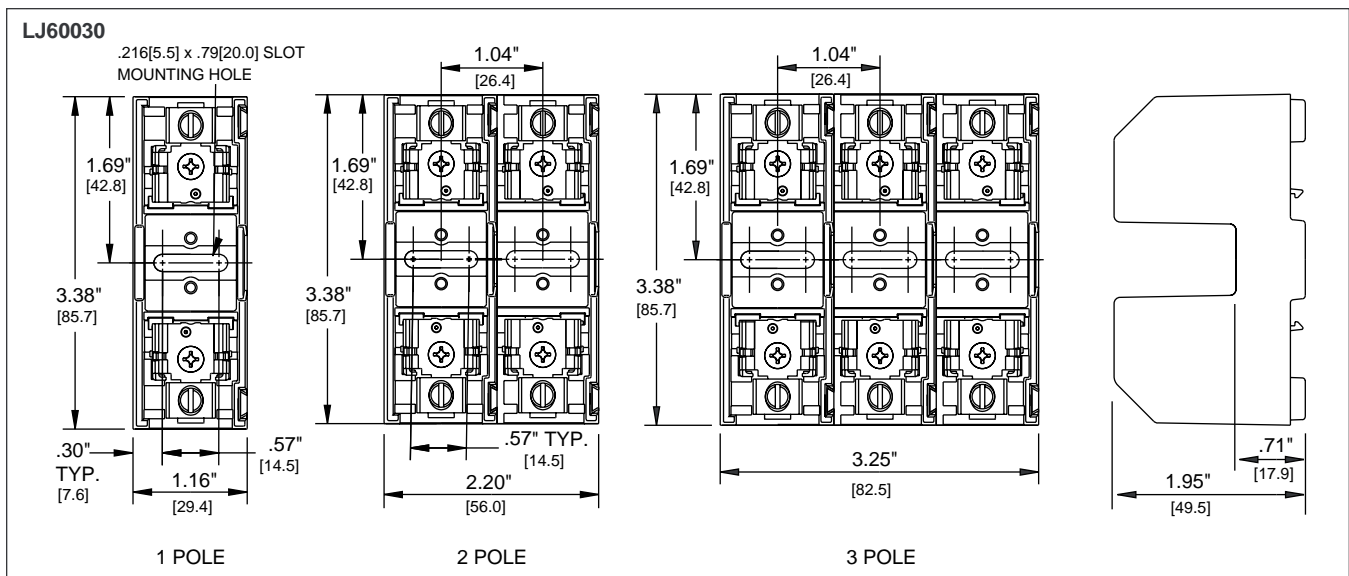
Amp Rating	No. of Poles	Catalog Number	Connector Type (Add suffix shown)			Maximum Wire Size
			Screw	Pressure Plate	Box Lug	
30	1	LJ60030-1	S (R)	P (R)	C (R)	S & P = #10 CU C = #6 CU
	2	LJ60030-2	S (R)	P (R)	C (R)	
	3	LJ60030-3	S (R)	P (R)	C (R)	
	Adder	LJ60030-A	S (R)	P (R)	C (R)	
60	1	LJ60060-1			C (R)	C = #2 CU-AL
	2	LJ60060-2			C (R)	
	3	LJ60060-3			C (R)	
100	1	LJ60100-1			C	#2/0 CU-AL
	3	LJ60100-3			C	
200	1	LJ60200-1			C	250 MCM CU-AL 250 MCM CU-AL
	3	LJ60200-3			C	
400	1	LJ60400-1			CR	500 MCM CU-AL
600	1	LJ60600-1			CR	(2) 500 MCM CU-AL

Note: Reinforcing springs standard on all Class J fuse blocks rated 100A and above.

## FEATURES/BENEFITS

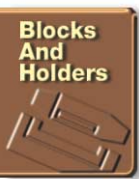
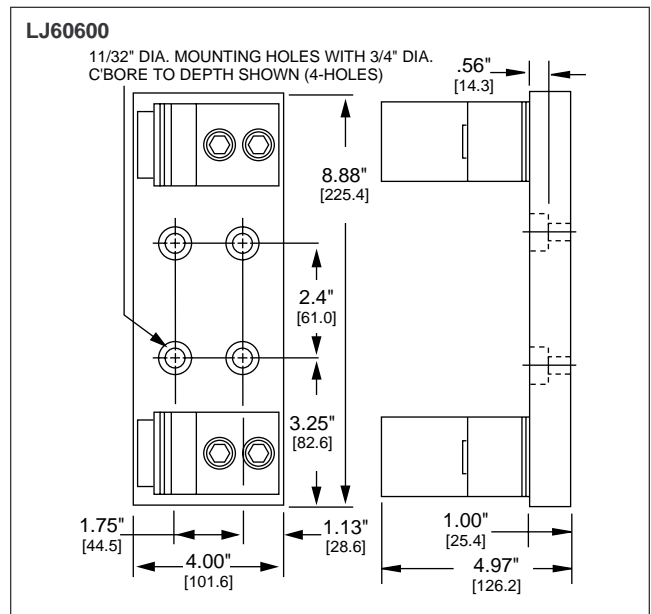
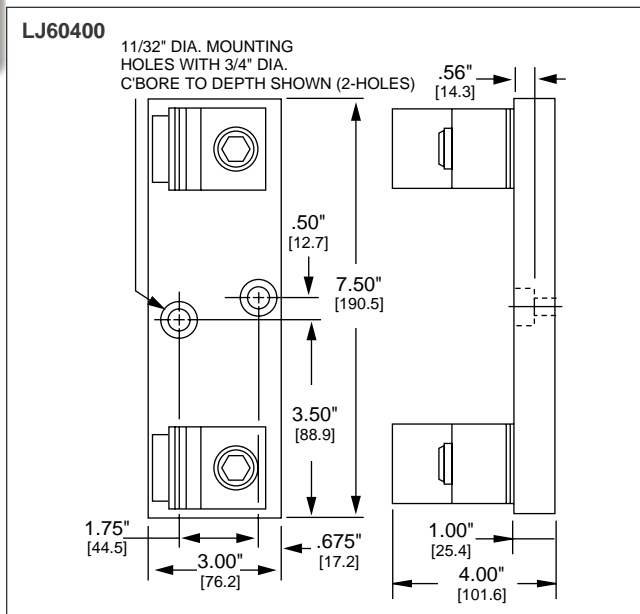
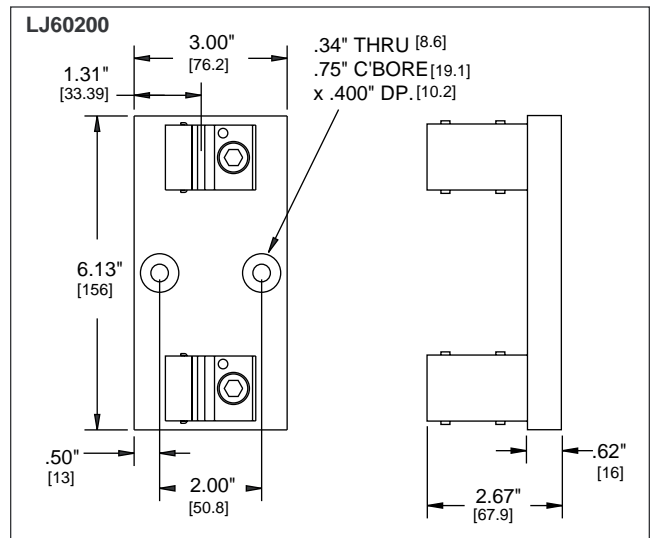
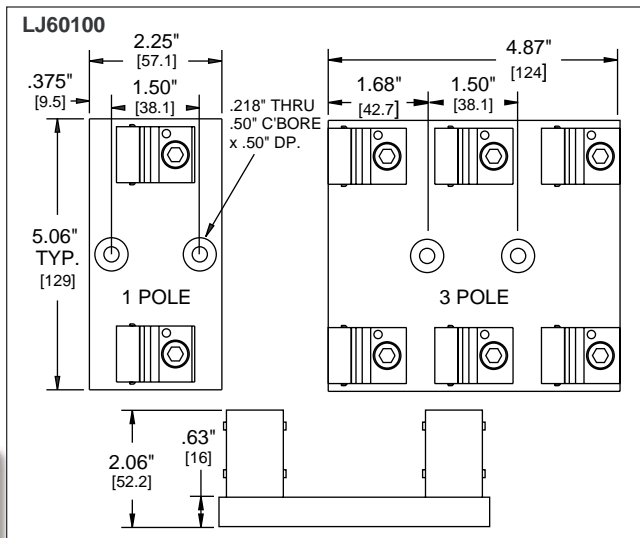
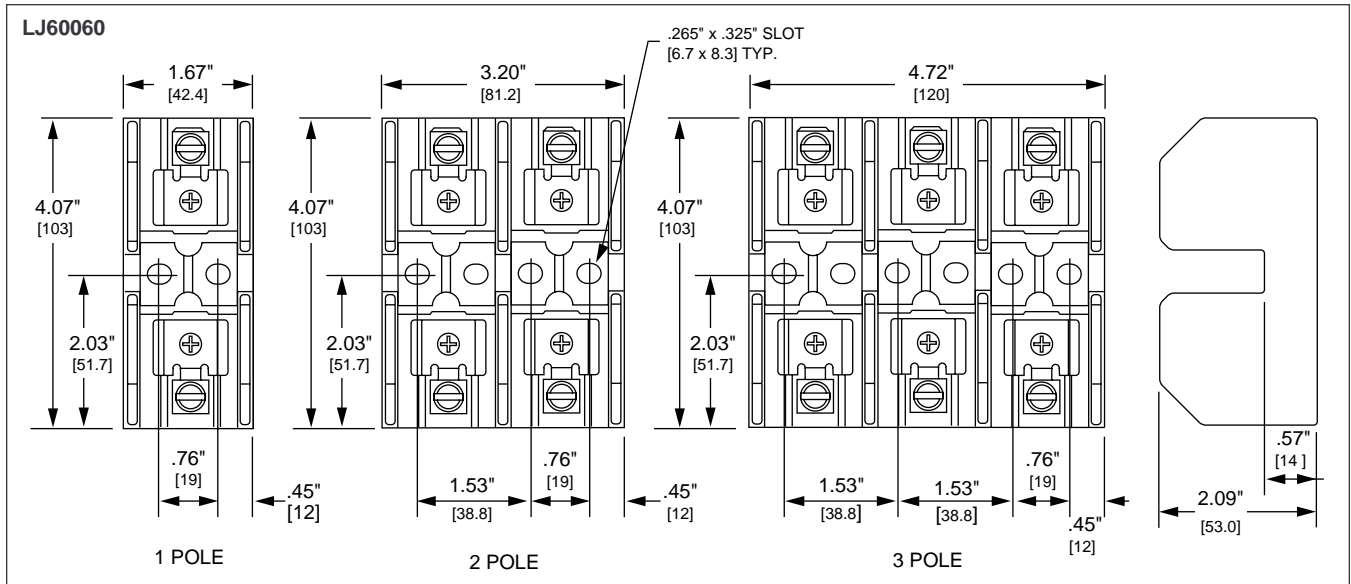
- Phenolic blocks have side barriers for isolation.
- Spring reinforced fuse clips are standard on 100A and larger blocks. Reinforcing springs are optional on 30 and 60 amp blocks.
- **Space saving 30A design** — Up to 45% smaller than existing 30 A fuse blocks. 30A interlocking adder block available to create any number of poles (consult factory for availability). Integral DIN rail mount allows this block to be securely fastened to 35 mm "hat" type DIN rails without the use of tools.

Blocks And Holders



# Class J Fuse Blocks

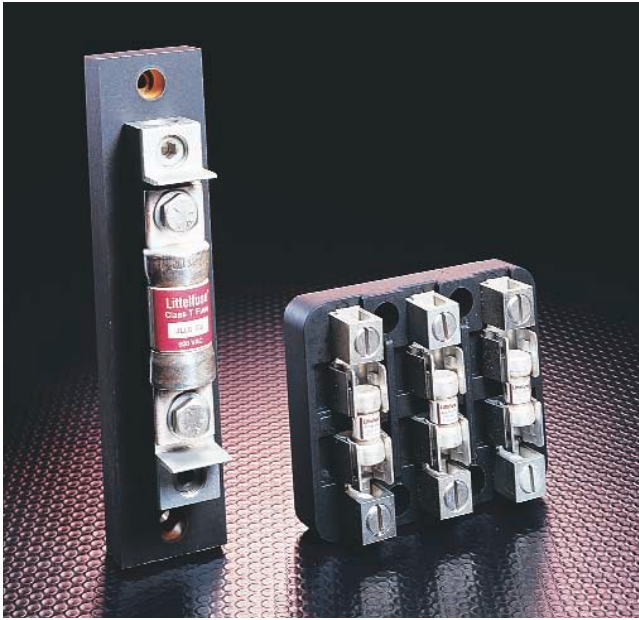
600 Volt





# Class T Fuse Blocks

300 and 600 Volt



## SPECIFICATIONS

**Voltage Ratings:** 300 Volts AC  
600 Volts AC

**Ampere Ratings:** 0 – 600 amperes

**Approvals:** UL Listed (File No. E14721)  
CSA Certified (File No. LR73091)

## RECOMMENDED FUSES

JLLN (300V) and JLLS (600V) series fuses

300 and 600 volt fuse blocks are designed for use with miniaturized Class T fuses. Class T fuses are very fast-acting, current limiting, and approximately one-third the size of electrically-comparable Class RK1 fuses.

## FEATURES/BENEFITS

Bases are molded phenolic. To provide a low resistance connection and long-range reliability, steel reinforcing springs are supplied as standard. Larger blocks employ an integral heat sink for maximum heat dissipation.

### Class T 300V

Amp Rating	No. of Poles	Catalog Number	Connector Type (Add suffix shown)		Maximum Wire Size
			Screw	Box Lug	
30	2	LT30030-2		CR	S = #10 CU
	3	LT30030-3		CR	C = #2 CU
60	2	LT30060-2		CR	C = #2 CU-AL
	3	LT30060-3		CR	
	4	LT30060-4		CR	
100	1	LT30100-1		C	#2/0 CU-AL
	2	LT30100-2		C	
	3	LT30100-3		C	
200	1	LT30200-1		C	250 MCM CU-AL
400	1	LT30400-1		C	(2) 250 MCM CU-AL
600	1	LT30600-1		C	(2) 500 MCM CU-AL

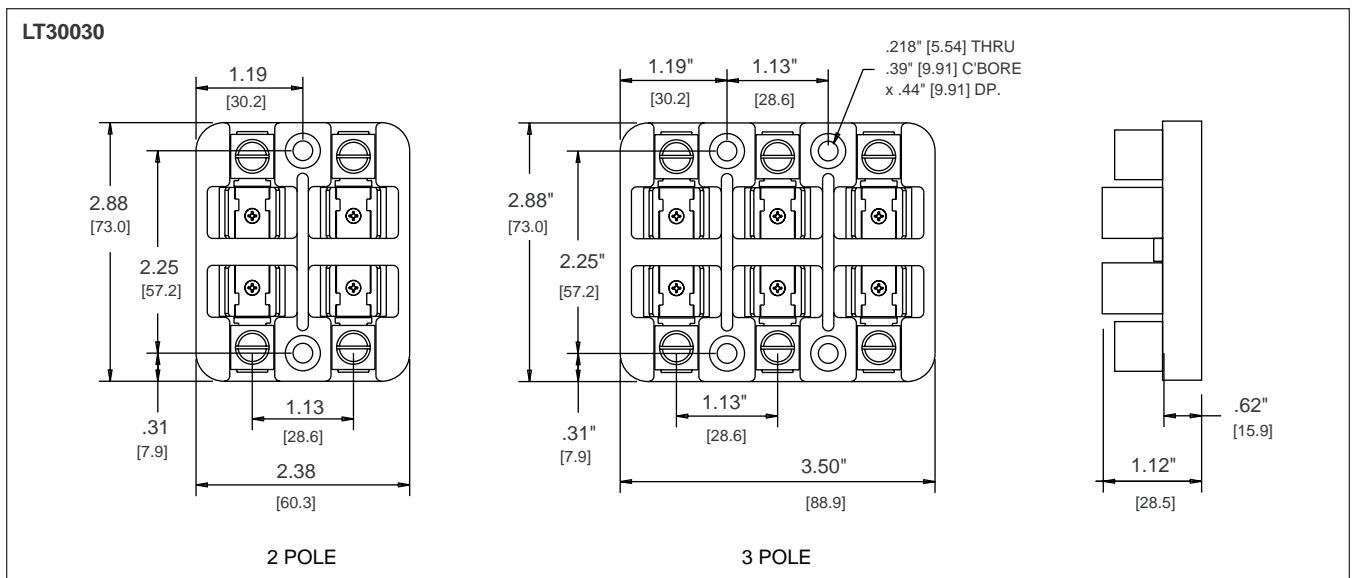
Note: Reinforcing springs standard on all 300 volt Class T fuse blocks up to 100 amperes. 300 volt Class T blocks 200 amperes and larger have stud mountings.

### Class T 600V

Amp Rating	No. of Poles	Catalog Number	Connector Type (Add suffix shown)		Maximum Wire Size
			Screw	Box Lug	
30	1	LT60030-1	SR	CR	S = #10 CU C = #2 CU-AL
	2	LT60030-2	SR	CR	
	3	LT60030-3	SR	CR	
60	1	LT60060-1		CR	C = #2 CU-AL
	2	LT60060-2		CR	
	3	LT60060-3		CR	
100	1	LT60100-1		C	#2/0 CU-AL
	2	LT60100-2		C	
	3	LT60100-3		C	
200	1	LT60200-1		C	250 MCM CU-AL
400	1	LT60400-1		C	(2) 250 MCM CU-AL
600	1	LT60600-1		C	(2) 500 MCM CU-AL

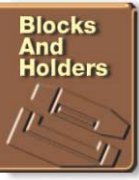
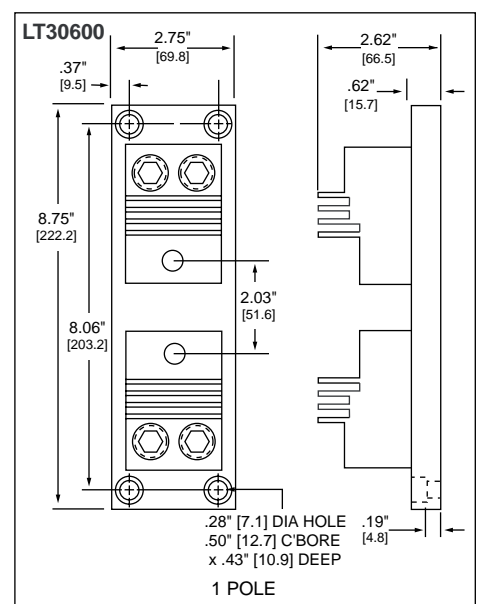
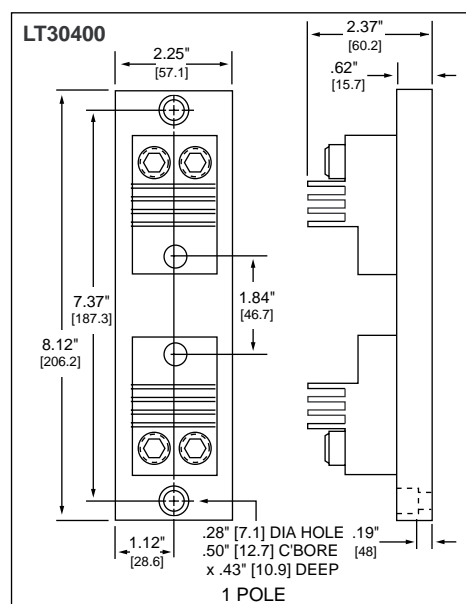
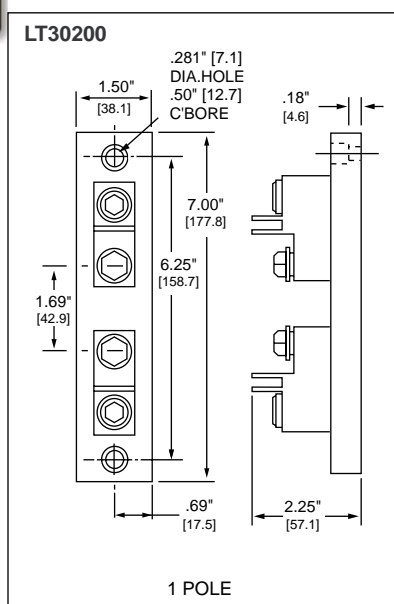
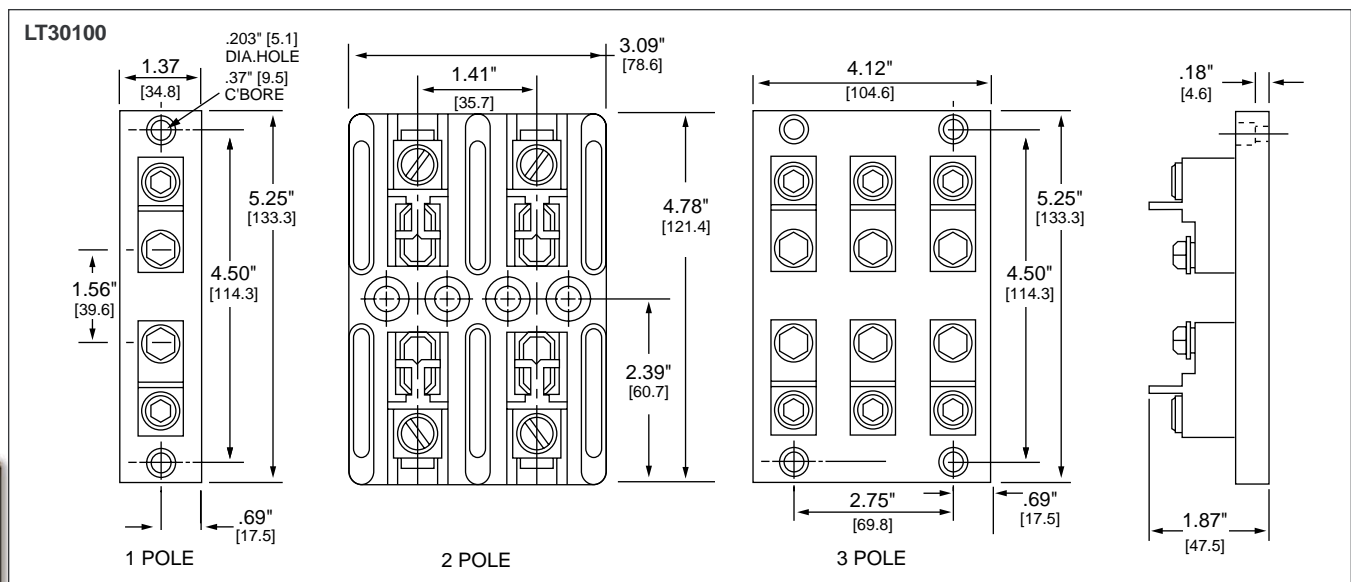
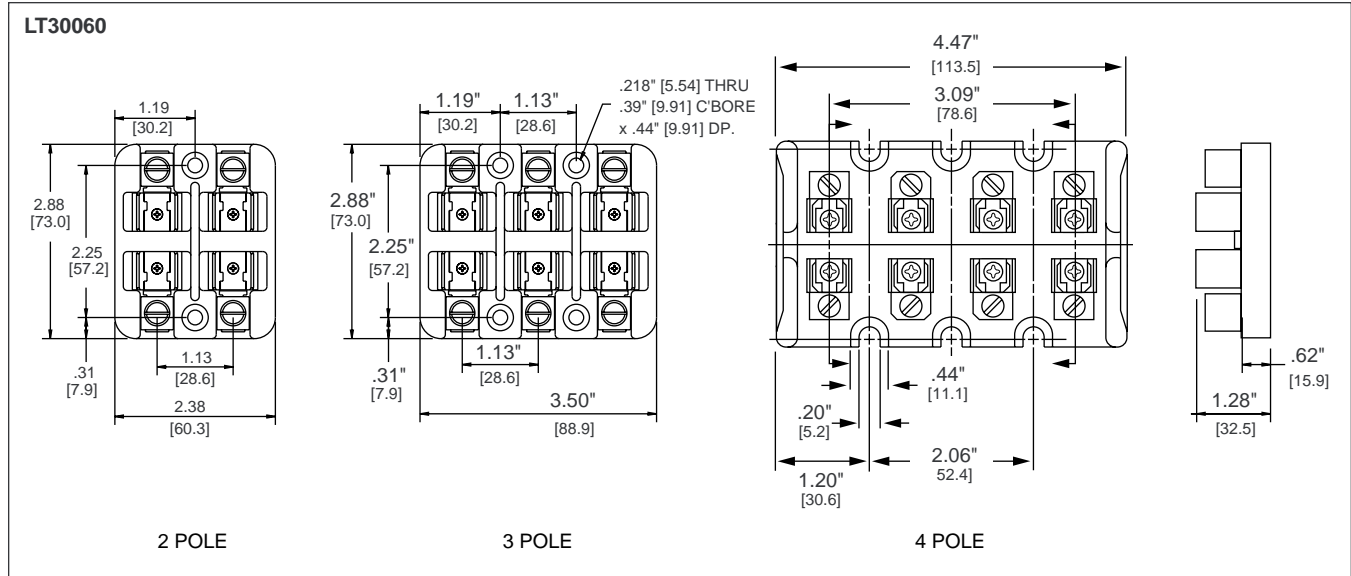
Note: Reinforcing springs standard on all 600 volt Class T fuse blocks up to 60 amperes. 600 volt Class T blocks 100 amperes and larger have stud mountings.

Blocks And Holders



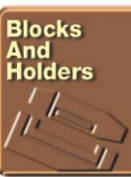
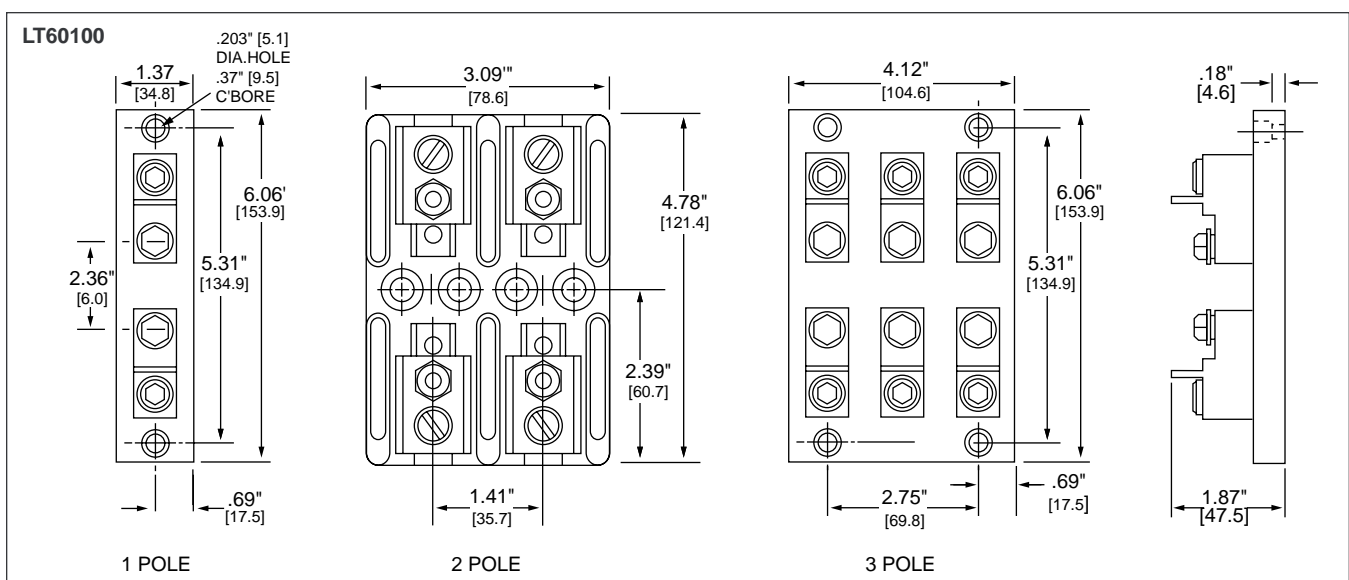
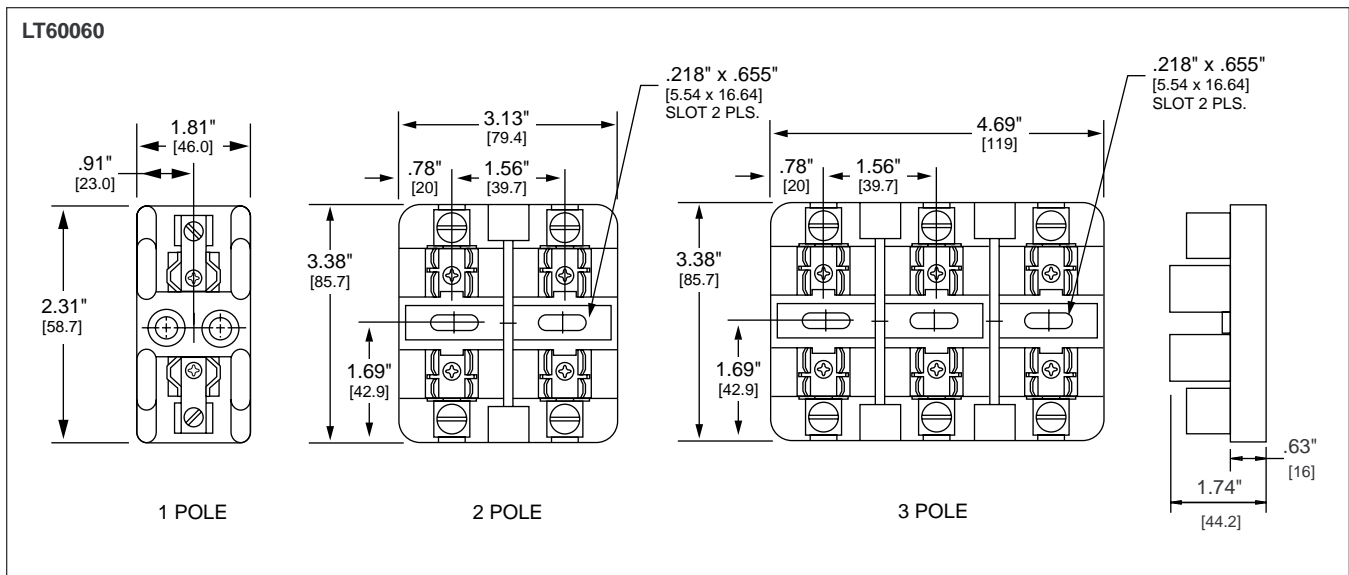
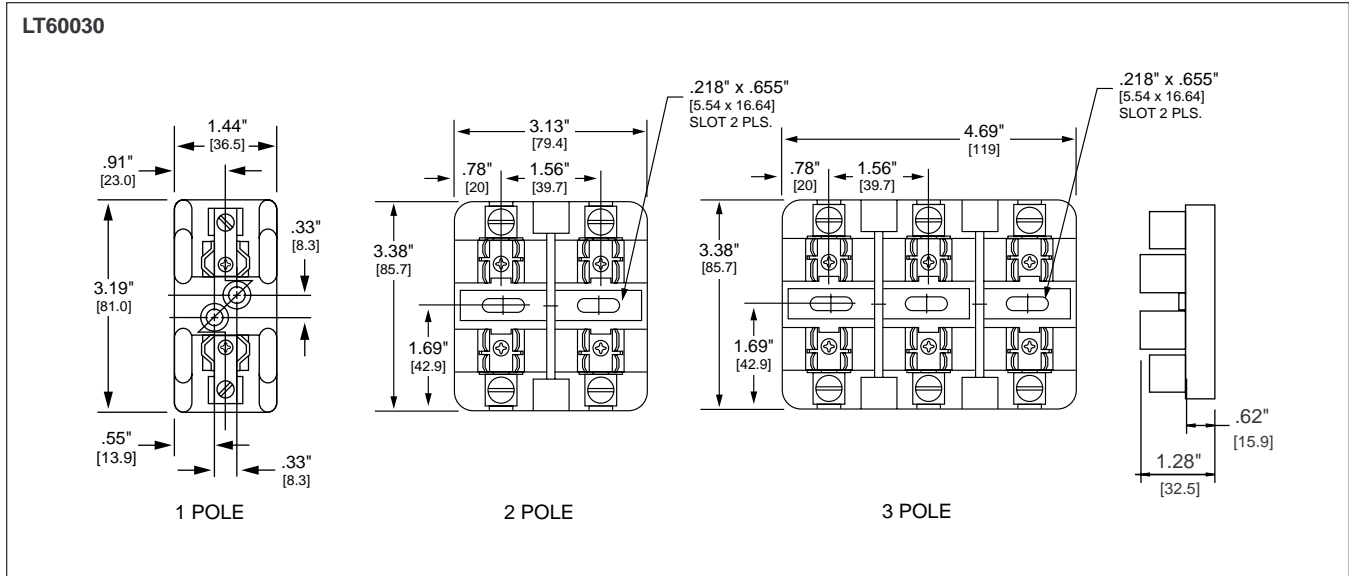
# Class T Fuse Blocks

300 Volt



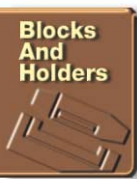
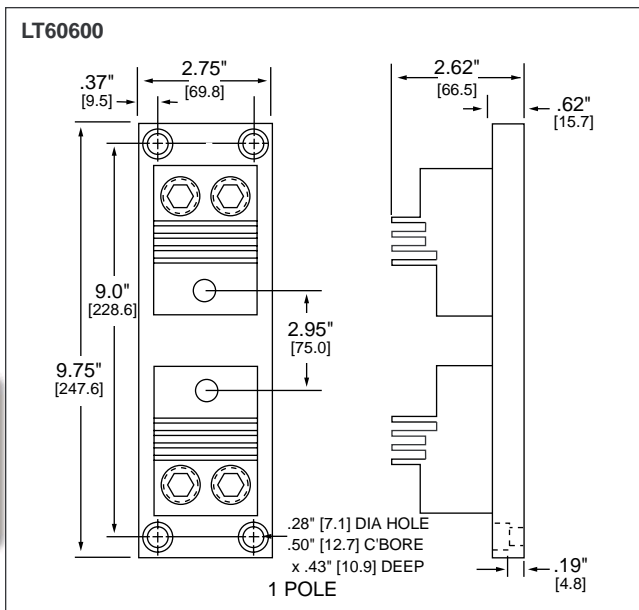
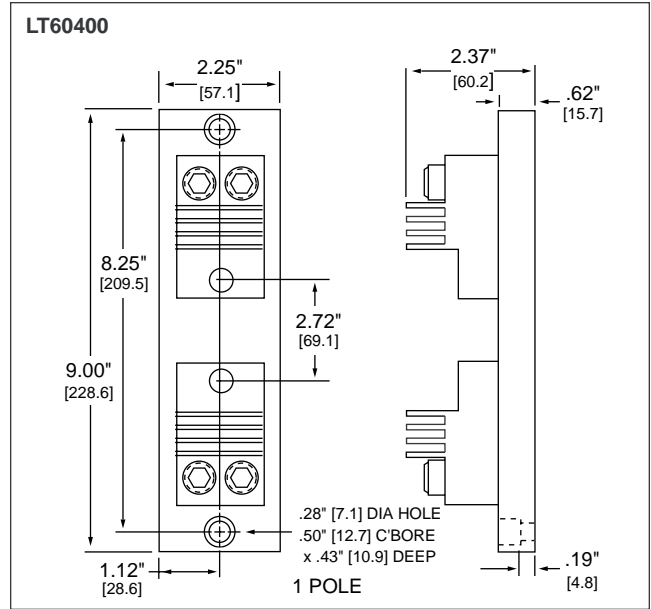
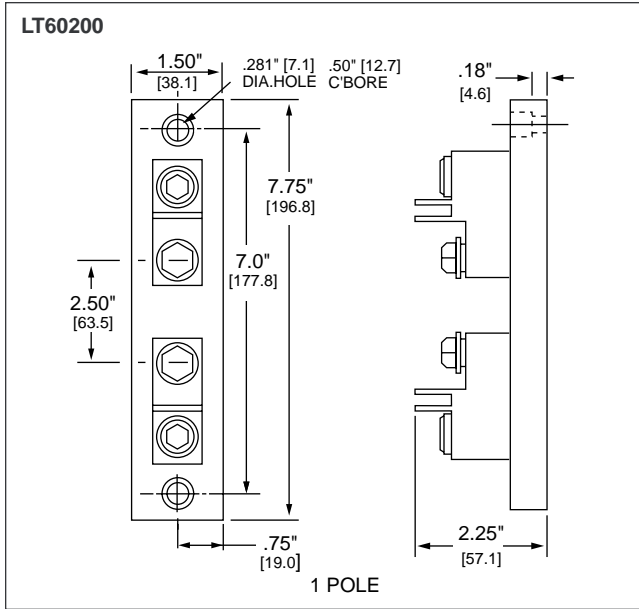
# Class T Fuse Blocks

600 Volt



# Class T Fuse Blocks

600 Volt





Class G fuse blocks are designed for use with 480 volt time-delay, current-limiting Class G fuses. They meet requirements for branch circuit protection.

## SPECIFICATIONS

**Voltage Ratings:** 600 Volts AC (0 – 20A)  
480 Volts AC (25 – 60A)

**Ampere Ratings:** 0 – 60 amperes

**Approvals:** UL Listed: 15, 20 & 60A (File No. E14853)  
30A (File No. E14721)

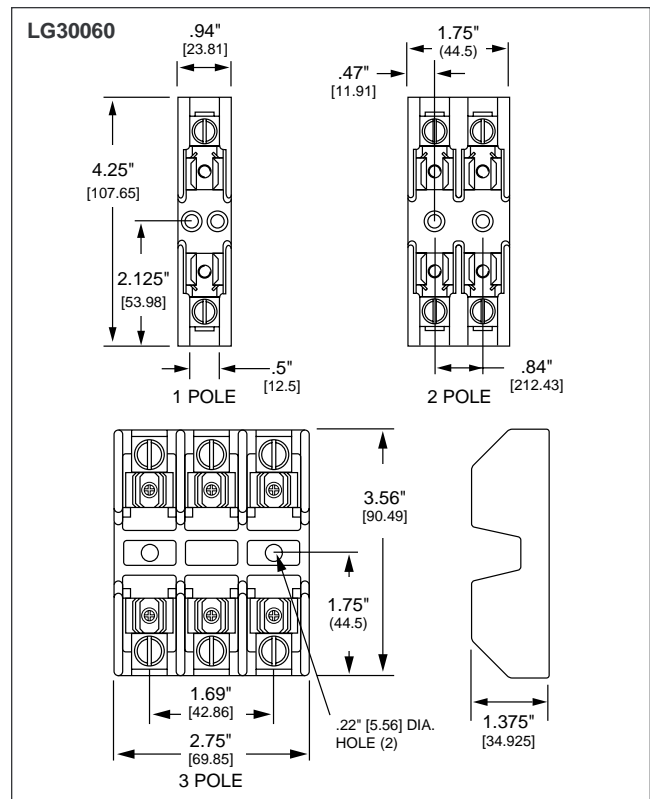
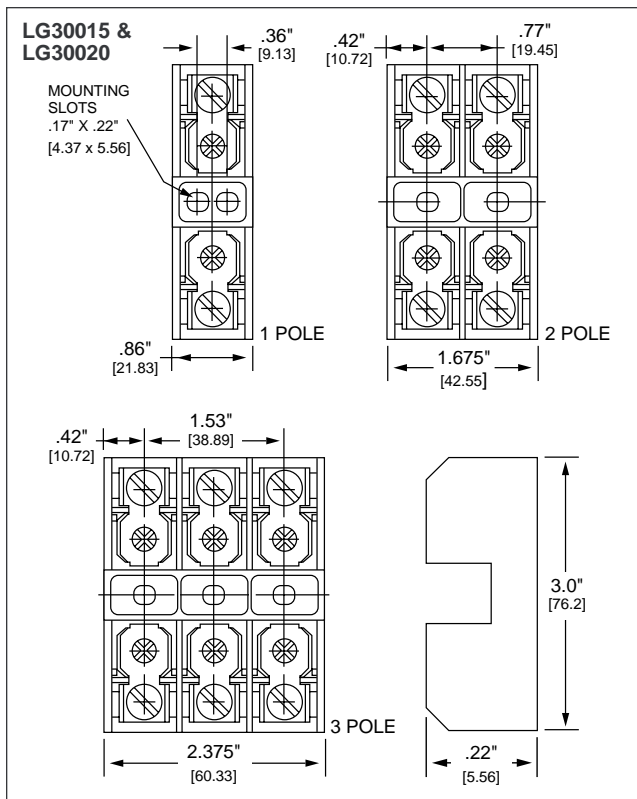
CSA Certified: 15, 20 & 60A (File No. LR47235)  
30A (File No. LR7316)

## RECOMMENDED FUSES

SLC series fuses

Amp Rating	No. of Poles	Catalog Number	Connector Type (Add suffix shown)			Maximum Wire Size
			Screw	Pressure Plate	Box Lug	
15*	1	LG30015-1	SQ			#10 CU
	2	LG30015-2	SQ			
	3	LG30015-3	SQ			
20*	1	LG30020-1	SQ			#10 CU
	2	LG30020-2	SQ			
	3	LG30020-3	SQ			
30*	1	L30030G-1	SQ	PQ		#10 CU
	2	L30030G-2	SQ	PQ		
	3	L30030G-3	SQ	PQ		
60	1	LG30060-1			CR	#2 CU-AL
	2	LG30060-2			CR	
	3	LG30060-3			CR	

\* Note: 15, 20 & 30A Class G fuse blocks are equipped with 20A Quick Connect Terminals. 60A fuse block equipped with reinforcing spring as standard.



Blocks  
And  
Holders

Note: Refer to the Midget/Class CC Fuse Blocks for L30030G 30A Class G Block dimensions.



# Class CC/CD and Midget Fuse Blocks

600 Volt



## SPECIFICATIONS

**Voltage Rating:** 600 Volt

**Ampere ratings:** L60030C: 30 amps  
L60030M: 30 amps  
L60060C: 60 amps

**Dielectric strength:** 1200 volts minimum

**Clip/terminals:** Tin-plated copper alloy

**Box lug:** Copper

**Screw and captive pressure plate:** Zinc-plated steel

**Base:** Thermoplastic. UL 94VO flammability rating.

**Approvals:** Class CC: UL Listed (File No. E14721)  
Midget: UL Recognized (File No. E14721)  
Class CC/Midget: CSA Certified (File No. LR7316)

## RECOMMENDED FUSES

### Class CC Blocks

KLDR  
KLKR  
CCMR

### Midget Blocks

BLF FLM  
BLN FLQ  
BLS KLK  
FLA KLKD  
KLQ

### Class CD Blocks

CCMR

Space-saving 600 volt, 30 amp molded-case fuse blocks with side barriers for isolation. Class CC blocks and Midget blocks are identical except Class CC blocks incorporate a rejection feature to assure proper fusing.

## SAFETY

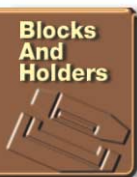
- **Rejection feature** — Class CC fuse blocks have a rejection feature which prevents the insertion of fuses with lower interrupting rating or voltage ratings. Class CC fuses are rated 600 volts and have an interrupting rating of 200,000 amperes. Midget fuse voltage ratings vary and their interrupting rating may be as low as 10,000 amperes. Note that Class CC fuses may be used in Midget fuse blocks, but Midget fuses cannot be used in Class CC blocks.

## LONG LIFE

- **High-strength materials** — Class CC and Midget fuse blocks are molded of high-strength, high-temperature material to minimize block breakage during handling and installation, as well as damage due to heat.
- **Reduced resistance, less heat** — High conductivity, one-piece copper alloy fuse clips have lower resistance than traditional two-piece brass or phosphor bronze fuse clips . . . minimizes heat rise and watts loss within the fuse block.

## REDUCED INVENTORY

- **Gangable** — Interlocking fuse blocks allow ganging to produce a fuse block with any number of poles.
- **Flexible terminal arrangements** — 30A Class CC and Midget fuse blocks are available with type C box lug, type SQ screw, or type PQ pressure plate terminals. Type SQ terminals have binding-head screws, while type PQ terminals have captive pressure plates. Both terminal types can accommodate side- or top-mounted quick-connect terminals. This flexibility allows the accommodation of most needs and reduces part inventory requirements.  
  
60A CC fuse blocks are available with type C box lug terminals.
- **DIN rail mountable** — FBDIN1 adapters permit snap-mounting Littelfuse Class CC and Midget 30 amp fuse blocks directly to standard or low profile 35mm symmetrical “hat” and 32mm asymmetrical DIN rails. Patented DIN rail adapters snap securely to Littelfuse fuse blocks and to DIN rails without tools. They can be readily removed from rails by lifting the disconnect tab.  
  
L60060C 60A fuse blocks have patented integral DIN rail adapters which allow direct mounting to 35mm “hat” type DIN rails.



# Class CC and Midget Fuse Blocks

600 Volt



POWR-GARD™ Products

## Class CC 30A Fuse Blocks

Amp Rating	No. of Poles	Catalog Number	Connector Type (Add suffix shown)	Maximum Wire Size
30	1	L60030C-1C	Box Lug	#6 CU
	2	L60030C-2C		
	3	L60030C-3C		
30	1	L60030C-1PQ	Pressure Plate/ Q. C. Terminal	#10 CU
	2	L60030C-2PQ		
	3	L60030C-3PQ		
30	1	L60030C-1SQ	Screw/ Q. C. Terminal	#10 CU
	2	L60030C-2SQ		
	3	L60030C-3SQ		

## Class CD 60A Fuse Blocks

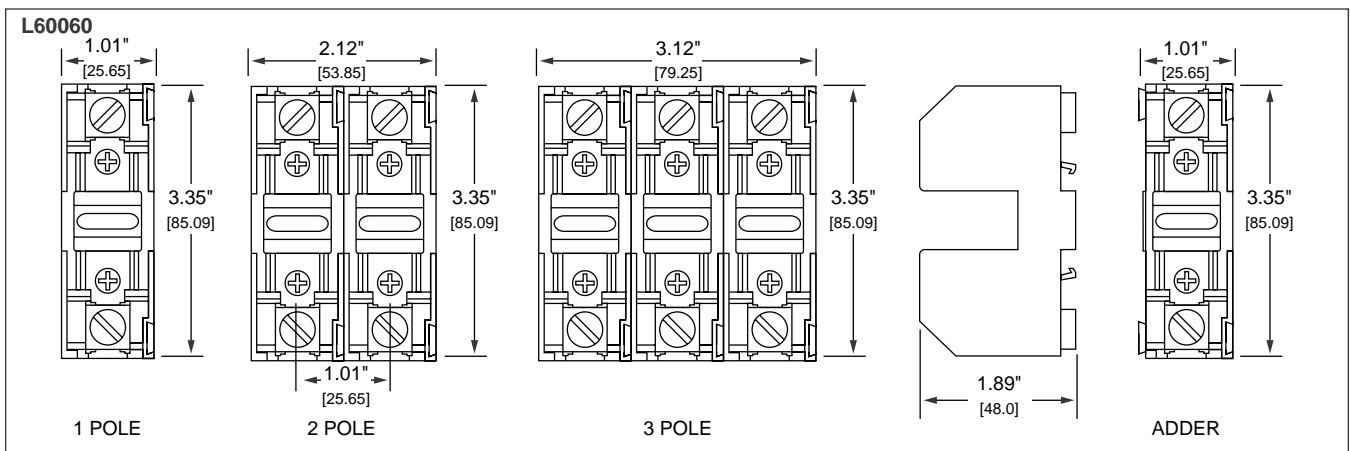
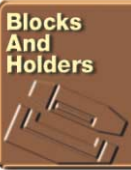
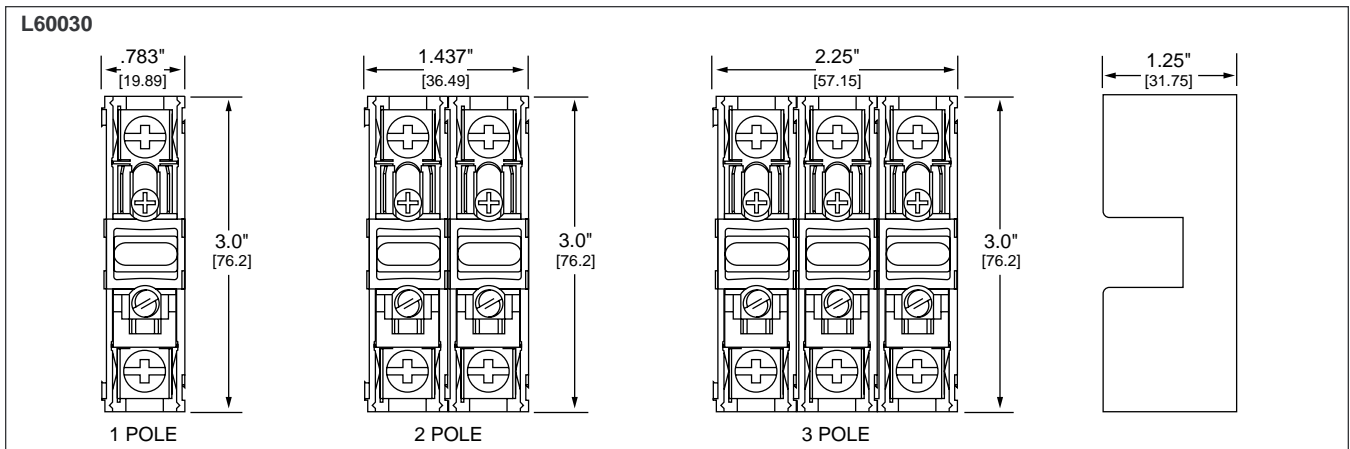
Amp Rating	No. of Poles	Catalog Number	Connector Type (Add suffix shown)	Maximum Wire Size
60	1	L60060C-1C	Box Lug	#6 CU
	2	L60060C-2C		
	3	L60060C-3C		
60	Adder Block	L60060C-AC	Box Lug	#6 CU

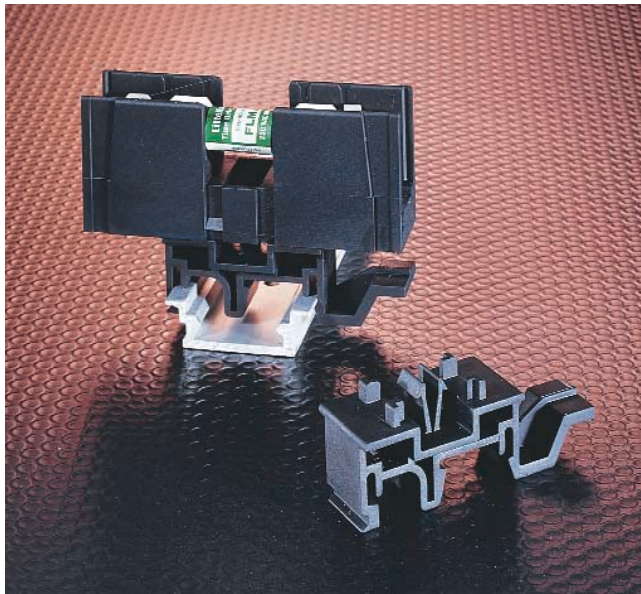
Note: Quick Connect Terminals are rated at 20 amperes.

## Midget Fuse Blocks

Amp Rating	No. of Poles	Catalog Number	Connector Type (Add suffix shown)	Maximum Wire Size
30	1	L60030M-1C	Box Lug	#6 CU
	2	L60030M-2C		
	3	L60030M-3C		
30	1	L60030M-1PQ	Pressure Plate/ Q. C. Terminal	#10 CU
	2	L60030M-2PQ		
	3	L60030M-3PQ		
30	1	L60030M-1SQ	Screw/ Q. C. Terminal	#10 CU
	2	L60030M-2SQ		
	3	L60030M-3SQ		

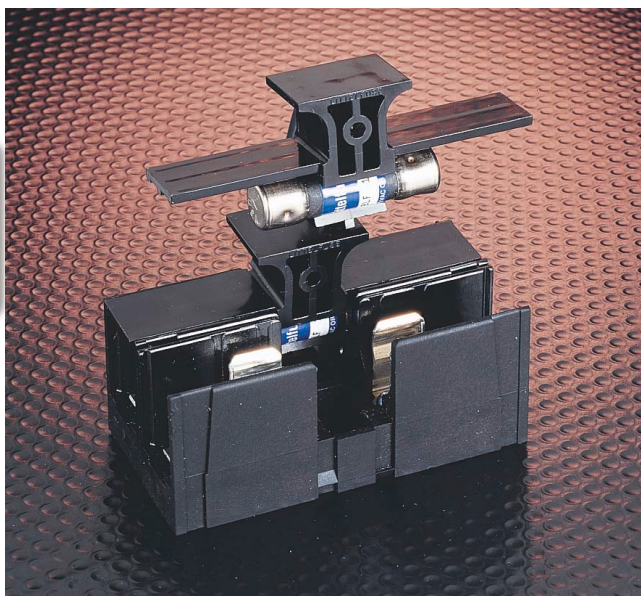
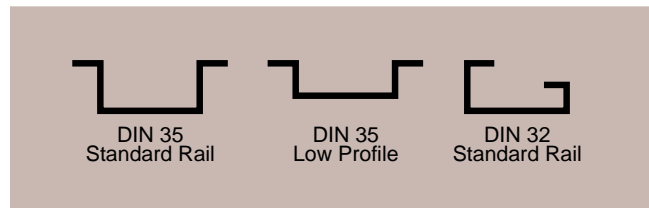
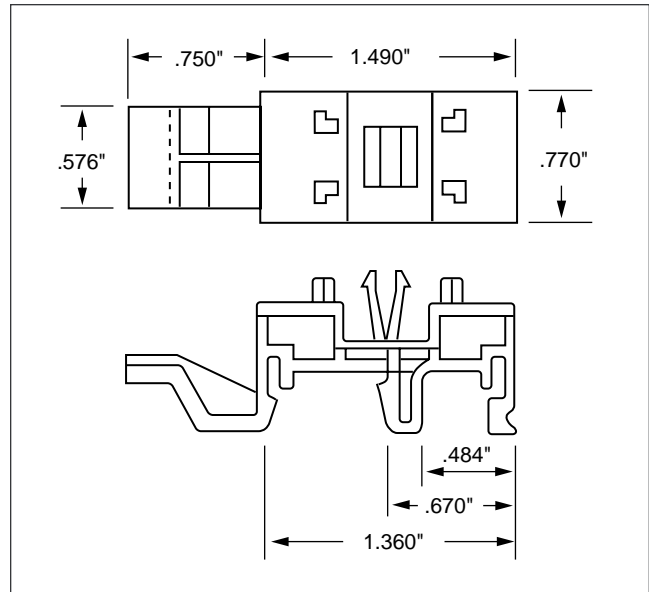
Note: Quick Connect Terminals are rated at 20 amperes.





### DIN Rail Adapter — FBDIN1

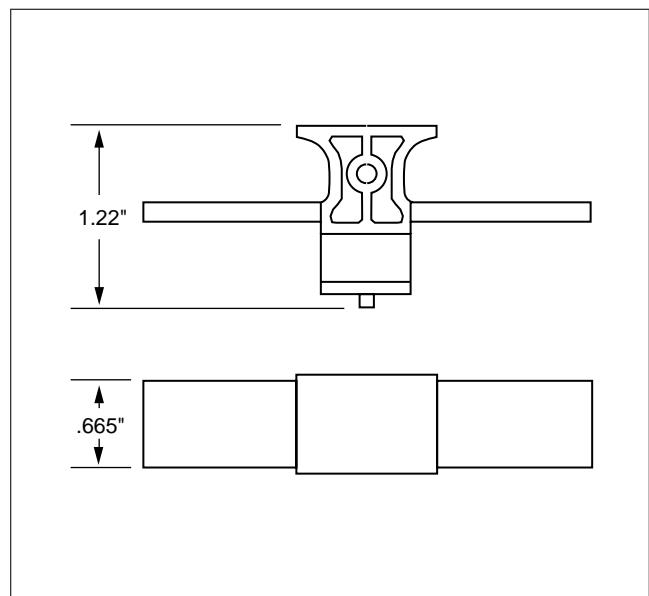
FBDIN1 is for use with 30A Midget, Class CC and Class G fuse blocks. The patented design permits snap-mounting of Littelfuse Class CC and Midget 30A fuse blocks directly to standard and low profile 35mm symmetrical "hat" and 32mm asymmetrical DIN rails. Adapters snap securely to Littelfuse fuse blocks and to DIN rails without tools. They may be readily removed from rails by lifting the disconnect tab.



### Cover Puller — SPL001

Littelfuse's Class CC and Midget fuse cover puller is designed to provide protection to personnel, as well as make removal of fuses from fuse blocks easy and safe. Once installed on the fuse, the cover puller allows removal of the fuse without the use of a separate puller.

- Meets "Dead Front" requirements for use in control panels.
- Permits safe, easy removal.



- Works with existing fuse block. No special hinged fuse blocks are required.
- Easily gangable with 1/8" diameter wire.
- For use with all 600 volt Class CC and Midget 1/10 — 30A fuses.
- Use with Class CC L60030C series and L60030M series fuse blocks.
- Label provided for easy fuse identification.



## POWR-SAFE “Dead Front” Holders



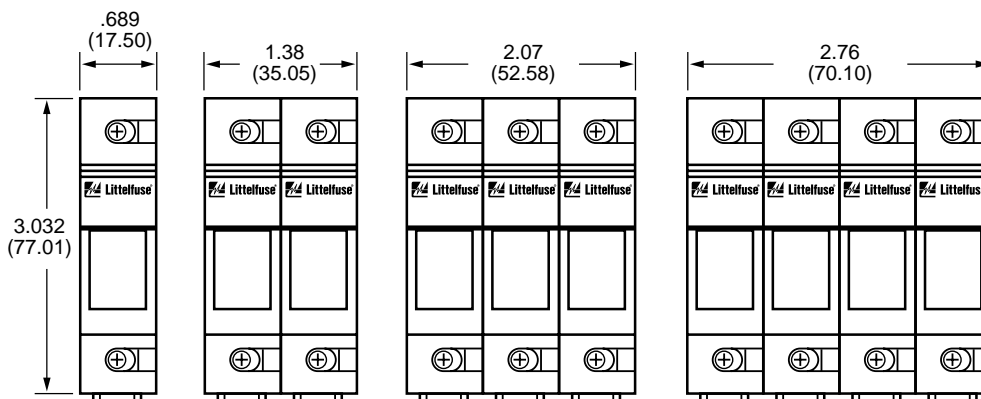
Littelfuse POWR-SAFE “Dead Front” holders provide optimum protection to personnel. Indicating and non-indicating versions are available in 1, 2, 3, or 4 poles for Class CC and Midget fuses.

### FEATURES/BENEFITS

- Meets “Dead Front” requirements and IEC Type IP20 Protection
- Mountable on 35mm Din Rail
- Blown fuse identification (Indicating versions only)
- Easy installation and removal of fuses. No special fuse pullers or tools required.
- UL Listed for branch circuit protection (Class CC versions only)
- Compact design
- Ventilated design for cooler operation
- Indicates above 80 volts (ID versions only)

### DIMENSIONS in inches (mm in parentheses)

#### ■ LPSM/LPSC POWR-SAFE Holders



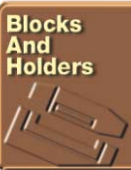
### SPECIFICATIONS

- Voltage Rating:** 600 Volts
- Ampere Rating:** 30 amperes
- Interrupting Rating:** 200 kA (Class CC)  
100 kA (Midget)
- Terminal type:** Pressure plate
- Suggested Torque:** 15 lb.
- Wire Range:** #6—#14CU
- Material:** Thermo-Plastic
- Flammability Rating:** 94VO
- Approvals:** UL Listed (LPSC File No: E14721)  
UL Recognized (LPSM File No: E14721)  
CSA Certified (LPSC/LPSM File No: LR7316)  
IEC Type IP20 Protection  
CE Certified

### ORDERING INFORMATION

Indicating Part Number	Non-Indicating Part Number	Fuse Type	Number of Poles
LPSC001ID	LPSC001	Class CC	1
LPSC002ID	LPSC002	Class CC	2
LPSC003ID	LPSC003	Class CC	3
LPSC004ID	LPSC004	Class CC	4
LPSM001ID	LPSM001	Midget	1
LPSM002ID	LPSM002	Midget	2
LPSM003ID	LPSM003	Midget	3
LPSM004ID	LPSM004	Midget	4

**Multi-pole Assembly Kit:** Order No: CYHP001  
(Kit contains 20 connector pincers and 10 handle pins.)



# Fuse Blocks, Holders and Accessories

## Class J POWR-SAFE Holders

**NEW**



Littelfuse POWR-SAFE “Dead Front” fuseholders provide optimum protection to personnel. An integral DIN-Rail adapter system allows fuse holders to be mounted on 35mm DIN-Rail without the use of tools or special parts. Indicating and non-indicating versions are available in 1, 2, or 3 poles for Class J fuses.

### SPECIFICATIONS

- Voltage Rating:** 600 VAC
- Interrupting Rating:** 200 kA
- Ampere Rating:** 30 and 60 amperes
- Terminal Type:** Pressure plate
- Suggested Torque:** 30A – 35 inch-pounds  
60A – 45 inch-pounds
- Wire Range:** #2 – #14CU
- Material:** Thermo-plastic
- Flammability Rating:** 94V0
- Approvals:** UL Listed  
CSA Certified  
IEC Type IP20 Protection  
CE

### FEATURES/BENEFITS

- Meets “Dead Front” requirements and IEC Type IP20 protection.
- Mountable on 35mm DIN-Rail.
- Blown fuse identification (Indicating versions only).
- Easy installation and removal of fuses. No special fuse pullers or tools required.
- UL listed for branch circuit protection.
- Ventilated design for cooler operation.

### ORDERING INFORMATION

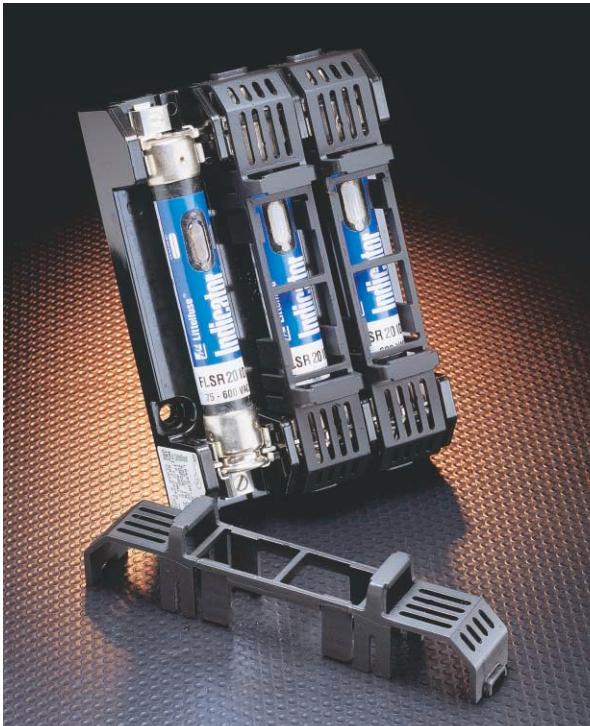
Littelfuse Catalog No.	Littelfuse System No.	No. of Poles	Pack Qty.	Voltage Rating	Ampere Rating	Options
LPSJ30-1	LPSJ301.Z	1	6	600V	30A	–
LPSJ30-2	LPSJ302.Z	2	3	600V	30A	–
LPSJ30-3	LPSJ303.Z	3	2	600V	30A	–
LPSJ30-1ID	LPSJ301.ZXID	1	6	600V	30A	Indicating
LPSJ30-2ID	LPSJ302.ZXID	2	3	600V	30A	Indicating
LPSJ30-3ID	LPSJ303.ZXID	3	2	600V	30A	Indicating
LPSJ60-1	LPSJ601.Z	1	6	600V	60A	–
LPSJ60-2	LPSJ602.Z	2	3	600V	60A	–
LPSJ60-3	LPSJ603.Z	3	2	600V	60A	–
LPSJ60-1ID	LPSJ601.ZXID	1	6	600V	60A	Indicating
LPSJ60-2ID	LPSJ602.ZXID	2	3	600V	60A	Indicating
LPSJ60-3ID	LPSJ603.ZXID	3	2	600V	60A	Indicating

**Blocks  
And  
Holders**

Contact Littelfuse for dimensions.



## POWR-Covers - Fuse Block Covers



Littelfuse fuse block covers protect personnel from accidentally contacting energized contacts. Covers are available for Class H, R, J, and CD type fuses up to 100 amps.

### ORDERING INFORMATION

Littelfuse Part Number	For Use With Fuse Block Number	Voltage	Amp	Fuse Class
LH25030-PC	LH25030/LR25030 series	250	30	H/R
LH25060-PC	LH25060/LR25060 series	250	60	H/R
LH25100-PC	LH25100/LR25100 series	250	100	H/R
LH60030-PC	LH60030/LR60030 series	600	30	H/R
LH60060-PC	LH60060/LR60060 series	600	60	H/R
LH60100-PC	LH60100/LR60100 series	600	100	H/R
LJ60030-PC	LJ60030 series only	600	30	J
LJ60060-PC	LJ60060 series only	600	60	J
LJ60100-PC	LJ60100 series only	600	100	J
L60060C-PC	L60060C series only	600	60	CD

### SPECIFICATIONS

**Voltage Rating:** 600 Volts

**Ampere Rating:** Class H: 0-100 amps  
 Class R: 0-100 amps  
 Class J: 0-100 amps  
 Class CD: 60 amps

**Material:** Thermoplastic

**Approvals:** UL Listed (File No: E184929)  
 CSA Certified (File No: LR7316)

### FEATURES/BENEFITS

- Meets "Dead Front" requirements and IEC Type IP20 Protection for most applications (see note)
- Easily gangable with optional "gang-slide" adapters
- Added safety to personnel
- Unique design allows Littelfuse Indicator™ fuses to be seen through covers
- Ventilated to avoid fuse derating
- Covers are reusable
- Covers fit most competitor blocks
- Designed to meet IEC Type IP20 Protection

For "Gang Slide" Adapters order:

PCGS-2 for 2 poles  
 PCGS-3 for 3 poles

NOTE: Contact Factory for specific applications.

Blocks  
And  
Holders

## Fuse Pullers



Littelfuse fuse pullers are the safe way of handling power fuses.

Littelfuse's new ergonomically-designed fuse puller offers greater ease in removing fuses. This new molded design is superior to standard pullers because it offers a more comfortable and natural grip when pulling fuses, improving performance. Part No. LPFP

### PART NUMBER & APPLICATION

#### Midget Fuse Puller

MFP: For 3/16" to 1/2" dia. fuses.

#### Pocket Fuse Puller

LPFP: For 0 – 200A 250V,  
 0 – 100A 600V  
 (9/16" – 1-19/32" dia. fuses)

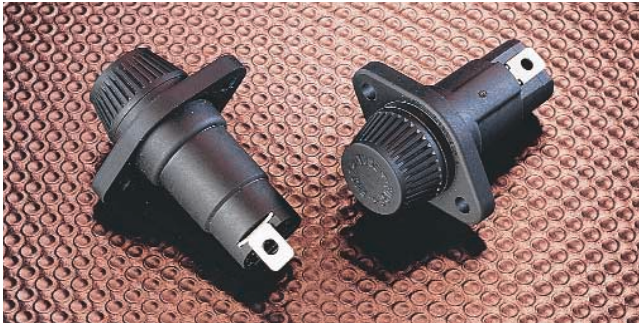
#### Giant Fuse Puller

GFP: 61 – 600A 250V,  
 61 – 400A 600V  
 (1-1/16" – 2-19/32" dia. fuses)

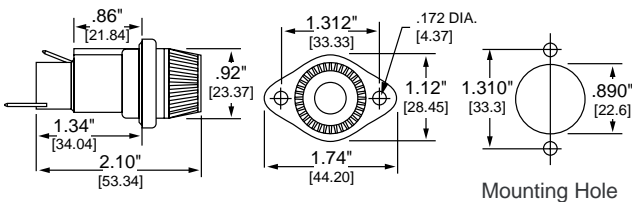
#### Tri-Puller

097023: For ATO® and glass fuses.

## 571 Series Panel Mounted Fuseholders



Panel mount fuseholders are available for supplementary or Class CC branch circuit protection. Class CC fuses have a rejection feature on one end cap which mates with the rejection feature of Littelfuse Class CC fuse blocks and fuseholders to prevent the installation of fuses with lower voltage ratings or interrupting ratings. Watertight version must be front panel mounted.



## SPECIFICATIONS

**Voltage Rating:** 600 Volts

**Ampere Rating:** 30 amperes for Class CC and Midget fuses

**Dielectric strength:** 4000 Volts

**Terminals:** Tin-plated brass combination solder and quick-connect

**Molded parts:** Black thermoplastic

**Approvals:** UL Recognized (File No. E14721) — 571 series  
 UL Recognized for branch circuit protection — 571 OCC/RCC  
 CSA Certified (File No. LR7316)

## ORDERING INFORMATION

Part Number		Bottom Terminal	Fuse Length Range*	For Use With
Standard	Watertight			
571 027	571 027P	Straight Rt. Angle	1 <sup>5</sup> / <sub>16</sub> " — 1 <sup>3</sup> / <sub>8</sub> "	Midget Fuses
571 028	571 028P			
571 007	571 007P	Straight Rt. Angle	1 <sup>13</sup> / <sub>32</sub> " — 1 <sup>1</sup> / <sub>2</sub> "	Midget Fuses
571 008	571 008P			
571 OCC	571 OCCP	Straight Rt. Angle	1 <sup>1</sup> / <sub>2</sub> "	Class CC Fuses
571 RCC	571 RCCP			

\* Fuse diameter is 1<sup>3</sup>/<sub>32</sub>."

**O-Rings:** 901-184 (body)  
 901-260 (knob)

## POWR-JAW Clip Clamps



POWR-JAW clamps improve the contact between fuse and clip. The unnecessary heat from poor contact due to the loss of spring force in the clips can cause nuisance fuse opening and premature aging of surrounding components.

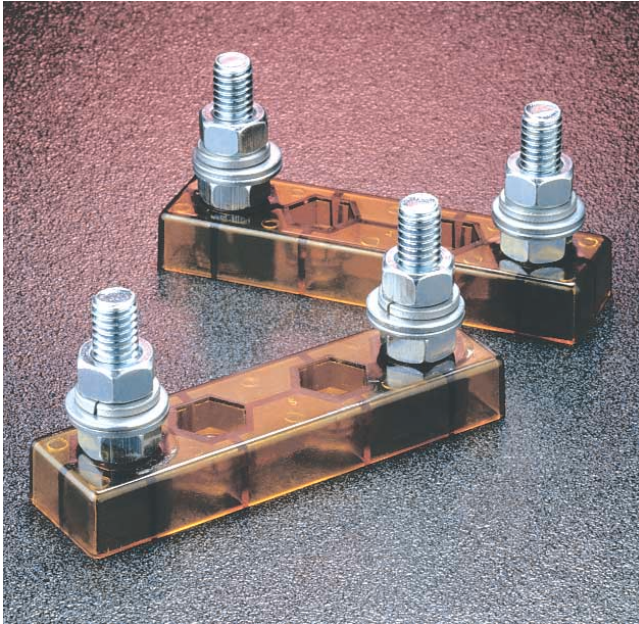
- High temperature phenolic resin knob designed for the most severe environments.
- 7 sizes to provide effective coverage.
- Simple design makes installation easy.

Part Number	Volts	Amperes
LCC 1	250	0-30
LCC 2	250	35-60
LCC 2	600	0-30
LCC 4	600	35-60
LCC 5	250/600	70-100
LCC 6	250/600	110-200
LCC 7	250/600	225-400
LCC 8	250/600	450-600

# Fuse Blocks, Holders and Accessories

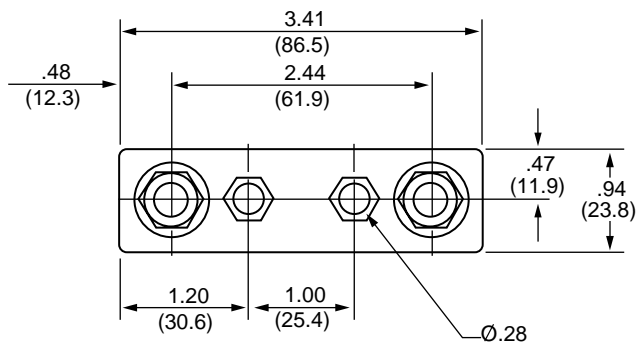
## LFFB Series Limiter Fuse Block

NEW



The Littelfuse LFFB fuse block is designed to accept CNL and CNN style limiter fuses. Typical applications include: forklifts, golf carts, and other low voltage battery-operated equipment.

### DIMENSIONS



### SPECIFICATIONS

**Voltage Rating:** 130 VAC/VDC

**Ampere Range:** 1 – 400 amperes

**Approvals:** Pending

**Construction:** Base — thermoplastic  
Studs — steel zinc plated

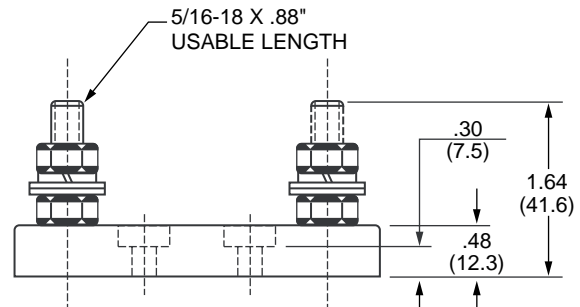
### RECOMMENDED FUSES

Littelfuse CNL/CNN limiter fuses and competitors' equivalents.

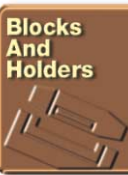
### ORDERING INFORMATION

Example catalog number: LFFB001

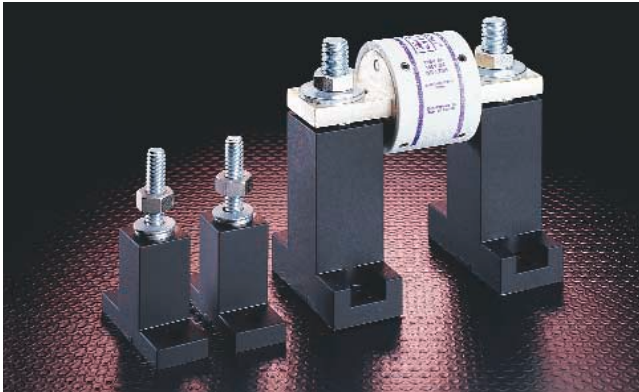
Example system number: LFFB0001Z



Blocks  
And  
Holders







Modular-designed Semiconductor fuse blocks are designed to accommodate a wide range of Semiconductor fuses, with a maximum diameter of 3". This modular design greatly reduces inventory requirements. They are sold in pairs and are constructed of molded phenolic, with plated steel studs.

## LSCR001

### Semiconductor fuse block selection guide

Fuse Series	Ampere Rating
L15S	70 – 450
L25S	35 – 60
L25S	70 – 200
L50S	35 – 60
L50S	70 – 100
L50S	125 – 200
L60S	35 – 60
L60S	70 – 100
L60S	125 – 200
L70S	35 – 60
L70S	70 – 100
KLC	1 – 30
KLC	35 – 60

## SPECIFICATIONS

**Voltage rating:** LSCR001: Accepts fuses 1" diameter or less at **600V**. Also accepts 1<sup>3</sup>/<sub>16</sub>" diameter fuses at **700 – 1000V**.

LSCR002: Accepts fuses up to 3" diameter at **1000V**.

**Ampere ratings:** LSCR001: 1 – 450 ampere capacity.

LSCR002: 70 – 1000 ampere capacity.

**Approvals:** UL Recognized (File No. E14721)

**Stud Size:** LSCR001: 1/4 - 20 thread  
LSCR002: 3/8 - 16 thread

**Base:** Molded phenolic. 150° C temperature rating.

**Terminal construction:** Plated steel. Supplied with nut and Belleville washer.

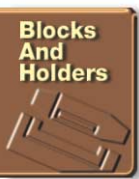
## RECOMMENDED FUSES

Semiconductor fuses. See tables below.

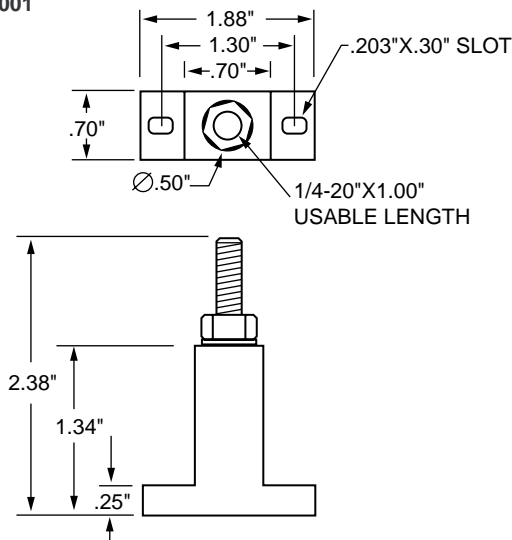
## LSCR002

### Semiconductor fuse block selection guide

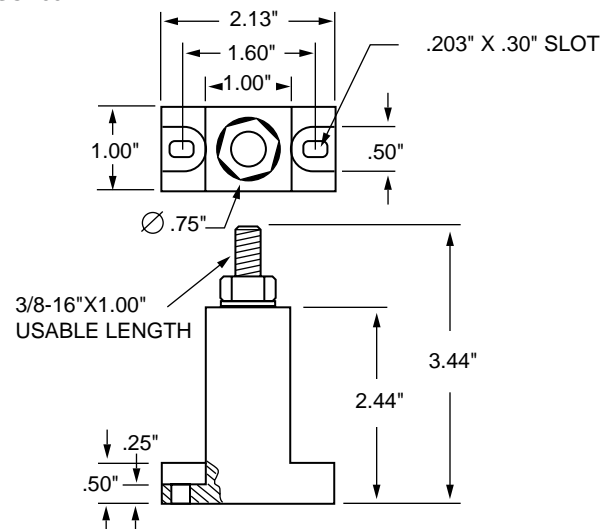
Fuse Series	Ampere Rating
L15S	500 – 1000
L25S	225 – 700
L25S	800
L50S	225 – 400
L50S	450 – 600
L50S	700 – 800
L60S	225 – 400
L60S	450 – 600
L60S	700 – 800
L70S	125 – 200
L70S	225 – 400
L70S	450 – 800
KLC	70 – 100
KLC	125 – 200
KLC	225 – 400
KLC	450 – 800
KLC	1000



### LSCR001



### LSCR002



# POWR-BLOKS™ Distribution/Splicer Blocks and Covers



POWR-BLOKS™ power distribution and splicer blocks offer a safe, convenient way of splicing cables, providing a fixed junction tap-off point, or splitting primary power into secondary circuits. Blocks have one or two primary inputs, with up to twelve secondary outputs per pole. The number of poles available ranges from one to four.

## APPLICATIONS

Typical applications include heating, air conditioning and refrigeration systems, elevator systems, material handling equipment, control panels, motor controls, switchgear, and anywhere power needs to be distributed to more than one load.

## CONNECTORS

Box lug connectors are designed for use with a single, solid or class B or C stranded conductor. Use of more than one conductor per connector opening or use of extra-flexible, fine stranded conductors, such as welding cable, voids the UL Listing, and may cause overheating. Manufacturers of cable terminations can furnish crimp-on sleeves for fine stranded conductors which permit these conductors to be used with box lugs.

## SPECIFICATIONS

**Voltage Rating:** 600V

**Amperage:** Based on NEC Table 310-16, using 75°C copper wire

**Material:** Phenolic rated at 150°C and Thermoplastic rated at 125°C (LD1400 and LS1300 series only)

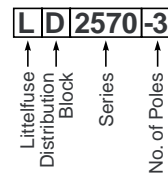
**Connector:** Standard: Highly conductive aluminum, tin plated  
Copper: Highly conductive copper, tin plated

**Flammability Rating:** 94V-0

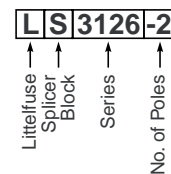
**Approvals:** UL Recognized (File No. E171395)  
CSA Certified (File No. LR700111)

## ORDERING INFORMATION

**Distribution Block**  
Example Part No.



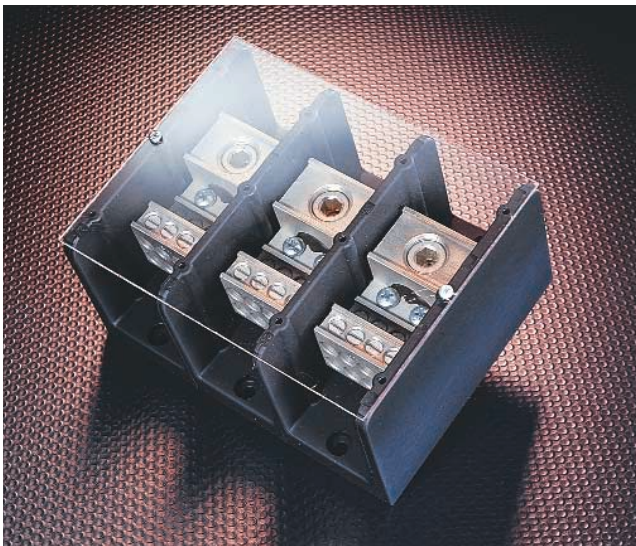
**Splicer Block**  
Example Part No.



## AMPERE RATINGS

The ampere rating per pole for power distribution blocks is based on the line ampacity of 75° C insulated conductors per NEC Table 310-16. If 60° C insulated conductors are used, load must not exceed the ampacity of 60° C conductors. Use of conductors rated in excess of 75° C is permitted (for example 90° C), however, load must not exceed the ampacity of 75° C conductors.

## Distribution Block Covers



Power Distribution Block Covers provide protection against accidental shorting between poles caused by loose wires, tools or other conductive material. They also protect personnel from accidentally contacting energized connectors.

## SPECIFICATIONS

**Material:** 0.06" clear plexiglas™.

## FEATURES

Two thread-cutting screws are furnished for each cover.

Covers are slotted for easy installation.

Covers available for all Power Distribution Blocks... see below.

## Power Distribution/Splicer Block Cover Selection Guide & Dimensions

Littelfuse Part Number	For use with Power Distribution Block No.
LPBC0-2	LX0XXX-2
LPBC0-3	LX0XXX-3
LPBC2-1	LX2XXX-1
LPBC2-2	LX2XXX-2
LPBC2-3	LX2XXX-3
LPBC3-1	LX3XXX-1
LPBC3-2	LX3XXX-2
LPBC3-3	LX3XXX-3
LPBC4-1	LX4XXX-1
LPBC4-2	LX4XXX-2
LPBC4-3	LX4XXX-3
LPBC5-1	LX5XXX-1
LPBC5-2	LX5XXX-2
LPBC5-3	LX5XXX-3

Blocks  
And  
Holders

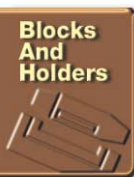




# POWR-BLOKS™ Distribution/Splicer Blocks and Covers

## Distribution Block Selection Guide

Mat'l	Connector Configuration		Amp Rating per Pole	Number of Poles	Line		Load		Littelfuse Catalog Number	Littelfuse System Number	
	Line	Load			Wire Range	Openings per Pole	Wire Range	Openings per Pole			
AL			115	1	#2 - #14	1	#10 - #18	4	LD1400-1	OLD14001Z	<b>NEW</b>
			115	2	#2 - #14	1	#10 - #18	4	LD1400-2	OLD14002Z	<b>NEW</b>
			115	3	#2 - #14	1	#10 - #18	4	LD1400-3	OLD14003Z	<b>NEW</b>
			115	4	#2 - #14	1	#10 - #18	4	LD1400-4	OLD14004Z	<b>NEW</b>
AL			175	2	2/0 - #14	1	#4 - #14	6	LD0401-2	OLD04012Z	
			175	3	2/0 - #14	1	#4 - #14	6	LD0401-3	OLD04013Z	
AL			175	2	2/0 - #14	1	#4 - #14	4	LD0402-2	OLD04022Z	<b>NEW</b>
			175	3	2/0 - #14	1	#4 - #14	4	LD0402-3	OLD04023Z	<b>NEW</b>
AL			310	2	350mcm - #6	1	#4 - #14	6	LD0404-2	OLD04042Z	<b>NEW</b>
			310	3	350mcm - #6	1	#4 - #14	6	LD0404-3	OLD04043Z	<b>NEW</b>
AL			175	1	2/0 - #14	1	#4 - #14	4	LD2570-1	OLD25701Z	
			175	2	2/0 - #14	1	#4 - #14	4	LD2570-2	OLD25702Z	
			175	3	2/0 - #14	1	#4 - #14	4	LD2570-3	OLD25703Z	
CU			175	1	2/0 - #14	1	#4 - #14	4	LD2970-1	OLD29701Z	<b>NEW</b>
			175	2	2/0 - #14	1	#4 - #14	4	LD2970-2	OLD29702Z	<b>NEW</b>
			175	3	2/0 - #14	1	#4 - #14	4	LD2970-3	OLD29703Z	<b>NEW</b>
AL			335	1	400mcm - #6	1	#2 - #14	4	LD3552-1	OLD35521Z	
			335	2	400mcm - #6	1	#2 - #14	4	LD3552-2	OLD35522Z	
			335	3	400mcm - #6	1	#2 - #14	4	LD3552-3	OLD29703Z	
AL			335	1	400mcm - #6	1	#2 - #14	6	LD3553-1	OLD35531Z	
			335	2	400mcm - #6	1	#2 - #14	6	LD3553-2	OLD35532Z	
			335	3	400mcm - #6	1	#2 - #14	6	LD3553-3	OLD29733Z	
AL			350	1	2/0 - #14	2	#4 - #14	6	LD3555-1	OLD35551Z	
			350	2	2/0 - #14	2	#4 - #14	6	LD3555-2	OLD35552Z	
			350	3	2/0 - #14	2	#4 - #14	6	LD3555-3	OLD35553Z	
CU			380	1	500mcm - #4	1	#2 - #14	6	LD3953-1	OLD39531Z	<b>NEW</b>
			380	2	500mcm - #4	1	#2 - #14	6	LD3953-2	OLD39532Z	<b>NEW</b>
			380	3	500mcm - #4	1	#2 - #14	6	LD3953-3	OLD39533Z	<b>NEW</b>
CU			350	1	2/0 - #14	2	#4 - #14	6	LD3955-1	OLD39551Z	<b>NEW</b>
			350	2	2/0 - #14	2	#4 - #14	6	LD3955-2	OLD39552Z	<b>NEW</b>
			350	3	2/0 - #14	2	#4 - #14	6	LD3955-3	OLD39553Z	<b>NEW</b>
AL			380	1	500mcm - #4	1	#2 - #14	6	LD4551-1	OLD45511Z	<b>NEW</b>
			380	2	500mcm - #4	1	#2 - #14	6	LD4551-2	OLD45512Z	<b>NEW</b>
			380	3	500mcm - #4	1	#2 - #14	6	LD4551-3	OLD45513Z	<b>NEW</b>
AL			335	1	400mcm - #6	1	#2 - #14	8	LD4560-1	OLD45601Z	
			335	2	400mcm - #6	1	#2 - #14	8	LD4560-2	OLD45602Z	
			335	3	400mcm - #6	1	#2 - #14	8	LD4560-3	OLD45603Z	
AL			380	1	500mcm - #4	1	#2 - #14	12	LD5552-1	OLD55521Z	
			380	2	500mcm - #4	1	#2 - #14	12	LD5552-2	OLD55522Z	
			380	3	500mcm - #4	1	#2 - #14	12	LD5552-3	OLD55523Z	
AL			380	1	500mcm - #4	1	2/0 - #14	6	LD5579-1	OLD55791Z	<b>NEW</b>
			380	2	500mcm - #4	1	2/0 - #14	6	LD5579-2	OLD55792Z	<b>NEW</b>
			380	3	500mcm - #4	1	2/0 - #14	6	LD5579-3	OLD55793Z	<b>NEW</b>
AL			760	1	500mcm - #4	2	2/0 - #14	8	LD5586-1	OLD55861Z	
			760	2	500mcm - #4	2	2/0 - #14	8	LD5586-2	OLD55862Z	
			760	3	500mcm - #4	2	2/0 - #14	8	LD5586-3	OLD55863Z	
AL			665	1	500mcm - #4 350mcm - #6	1	2/0 - #14	4	LD5587-1	OLD55871Z	<b>NEW</b>
			665	2	500mcm - #4 350mcm - #6	1	2/0 - #14	4	LD5587-2	OLD55872Z	<b>NEW</b>
			665	3	500mcm - #4 350mcm - #6	1	2/0 - #14	4	LD5587-3	OLD55873Z	<b>NEW</b>



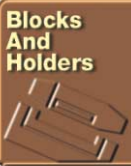
# POWR-BLOKS™ Distribution/Splicer Blocks and Covers

## Distribution Block Selection Guide

Connector Configuration			Amp Rating per Pole	Number of Poles	Line		Load		Littelfuse Catalog Number	Littelfuse System Number
Mat'l	Line	Load			Wire Range	Openings per Pole	Wire Range	Openings per Pole		
AL			760	1	500mcm-#4	2	#4 - #14	12	LD5592-1	OLD55921Z
			760	2	500mcm-#4	2	#4 - #14	12	LD5592-2	OLD55922Z
			760	3	500mcm-#4	2	#4 - #14	12	LD5592-3	OLD55923Z
AL			380	1	500mcm-#4	1	#2 - #14	8	LD5594-1	OLD55941Z
			380	2	500mcm-#4	1	#2 - #14	8	LD5594-2	OLD55942Z
			380	3	500mcm-#4	1	#2 - #14	8	LD5594-3	OLD55943Z
CU			760	1	500mcm-#4	2	2/0 - #14	8	LD5986-1	OLD59861Z
			760	2	500mcm-#4	2	2/0 - #14	8	LD5986-2	OLD59862Z
			760	3	500mcm-#4	2	2/0 - #14	8	LD5986-3	OLD59863Z
CU			760	1	500mcm-#4	2	#2 - #14	12	LD5992-1	OLD59921Z
			760	2	500mcm-#4	2	#2 - #14	12	LD5992-2	OLD59922Z
			760	3	500mcm-#4	2	#2 - #14	12	LD5992-3	OLD59923Z

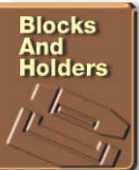
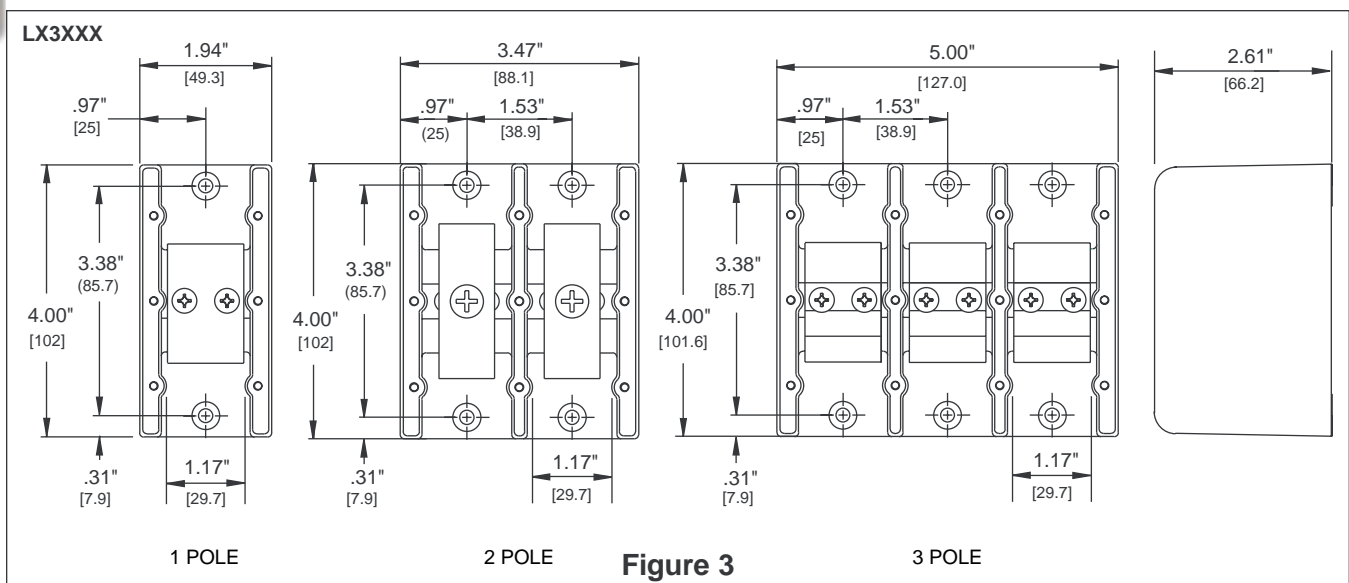
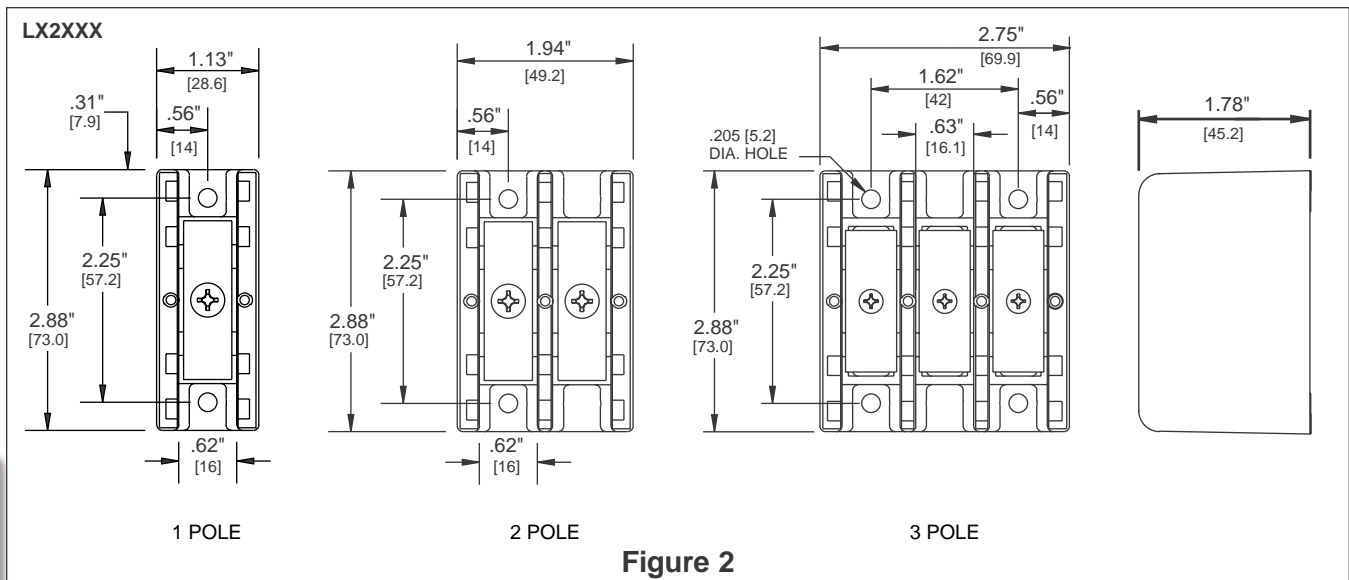
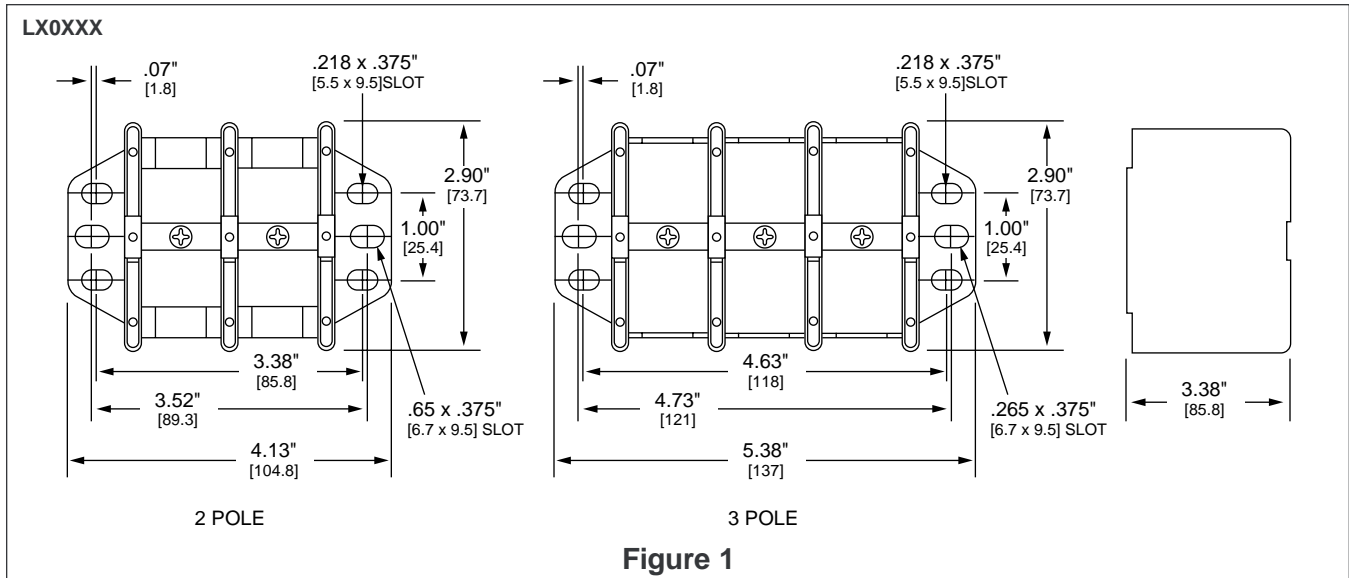
## Splicer Block Selection Guide

Connector Configuration			Amp Rating per Pole	Number of Poles	Line		Load		Littelfuse Catalog Number	Littelfuse System Number
Mat'l	Line	Load			Wire Range	Openings per Pole	Wire Range	Openings per Pole		
AL			310	2	350mcm-#6	1	350mcm-#6	1	LS0303-2	OLS03032Z
			310	3	350mcm-#6	1	350mcm-#6	1	LS0303-3	OLS03033Z
AL			115	1	#2 - #14	1	#2 - #14	1	LS1300-1	OLS13001Z
			115	2	#2 - #14	1	#2 - #14	1	LS1300-2	OLS13002Z
			115	3	#2 - #14	1	#2 - #14	1	LS1300-3	OLS13003Z
			115	4	#2 - #14	1	#2 - #14	1	LS1300-4	OLS13004Z
CU			150	1	1/0 - #18	1	1/0 - #18	1	LS2121-1	OLS21211Z
			150	2	1/0 - #18	1	1/0 - #18	1	LS2121-2	OLS21212Z
			150	3	1/0 - #18	1	1/0 - #18	1	LS2121-3	OLS21213Z
AL			115	1	#2 - #14	1	#2 - #14	1	LS2552-1	OLS25521Z
			115	2	#2 - #14	1	#2 - #14	1	LS2552-2	OLS25522Z
			115	3	#2 - #14	1	#2 - #14	1	LS2552-3	OLS25523Z
AL			175	1	2/0 - #14	1	2/0 - #14	1	LS2572-1	OLS25721Z
			175	2	2/0 - #14	1	2/0 - #14	1	LS2572-2	OLS25722Z
			175	3	2/0 - #14	1	2/0 - #14	1	LS2572-3	OLS25723Z
AL			255	1	250mcm-#6	1	250mcm-#6	1	LS3123-1	OLS31231Z
			255	2	250mcm-#6	1	250mcm-#6	1	LS3123-2	OLS31232Z
			255	3	250mcm-#6	1	250mcm-#6	1	LS3123-3	OLS31233Z
CU			255	1	250mcm-#6	1	250mcm-#6	1	LS3124-1	OLS31241Z
			255	2	250mcm-#6	1	250mcm-#6	1	LS3124-2	OLS31242Z
			255	3	250mcm-#6	1	250mcm-#6	1	LS3124-3	OLS31243Z
AL			310	1	350mcm-#6	1	350mcm-#6	1	LS3126-1	OLS31261Z
			310	2	350mcm-#6	1	350mcm-#6	1	LS3126-2	OLS31262Z
			310	3	350mcm-#6	1	350mcm-#6	1	LS3126-3	OLS31263Z
AL			420	1	600mcm-#4	1	600mcm-#4	1	LS4557-1	OLS45571Z
			420	2	600mcm-#4	1	600mcm-#4	1	LS4557-2	OLS45572Z
			420	3	600mcm-#4	1	600mcm-#4	1	LS4557-3	OLS45573Z
AL			620	1	350mcm-#4	2	350mcm-#4	2	LS5129-1	OLS51291Z
			620	2	350mcm-#4	2	350mcm-#4	2	LS5129-2	OLS51292Z
			620	3	350mcm-#4	2	350mcm-#4	2	LS5129-3	OLS51293Z
AL			760	1	500mcm-#4	2	500mcm-#4	2	LS5301-1	OLS53011Z
			760	2	500mcm-#4	2	500mcm-#4	2	LS5301-2	OLS53012Z
			760	3	500mcm-#4	2	500mcm-#4	2	LS5301-3	OLS53013Z

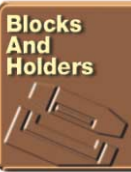
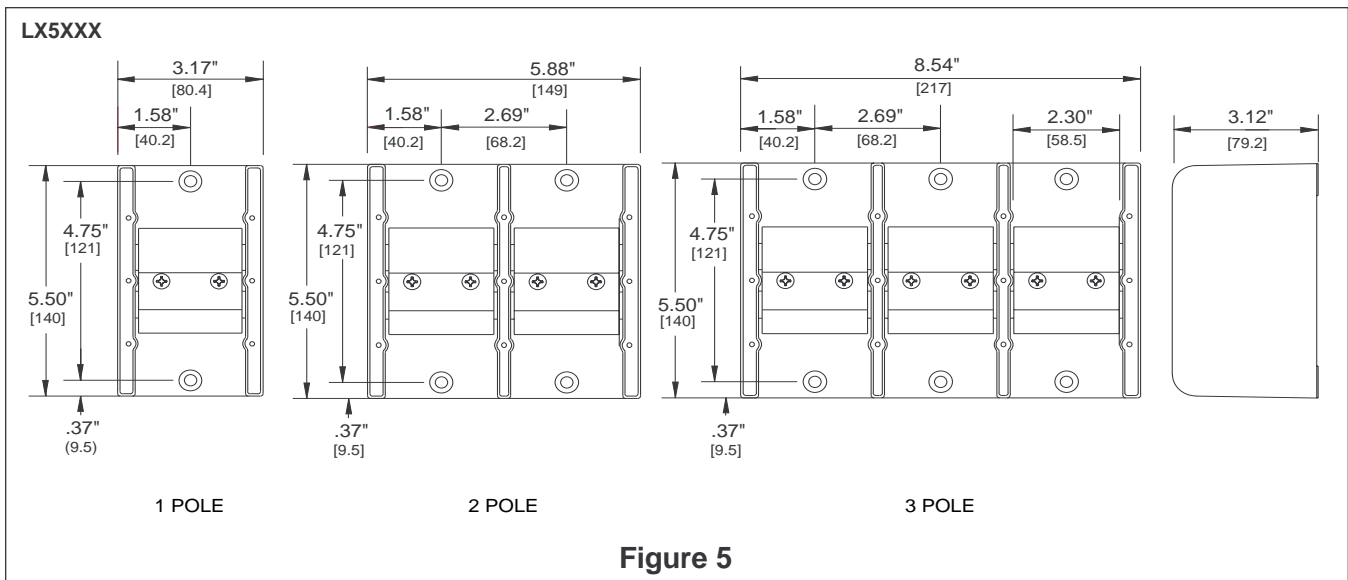
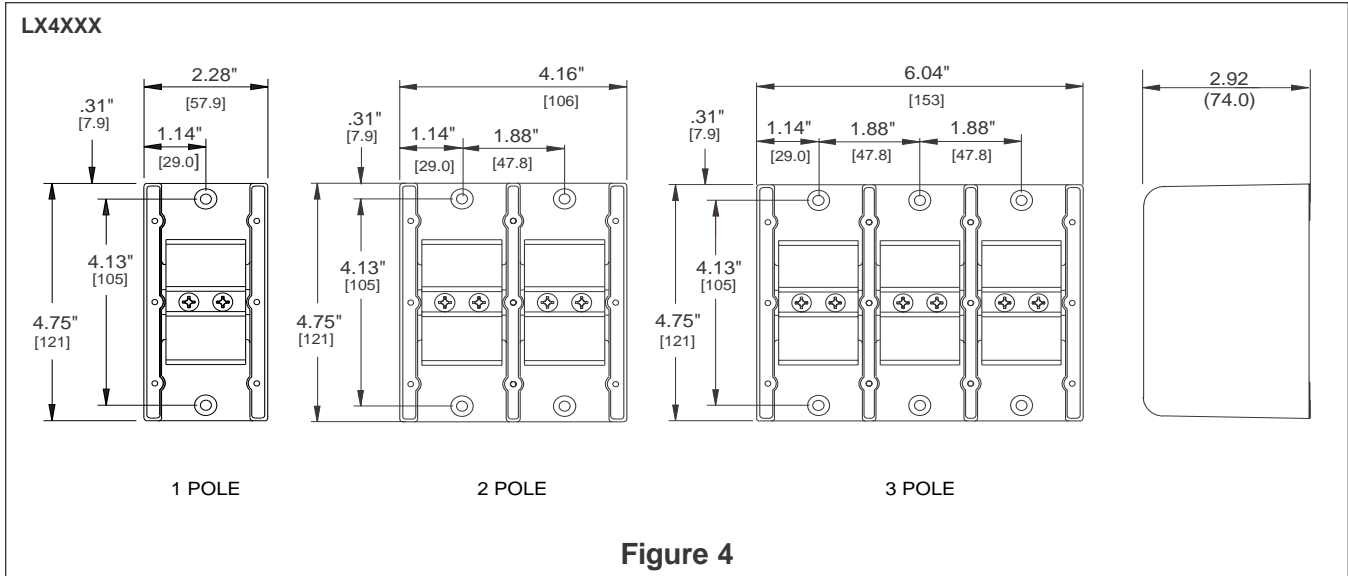


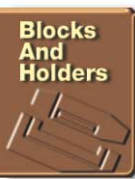
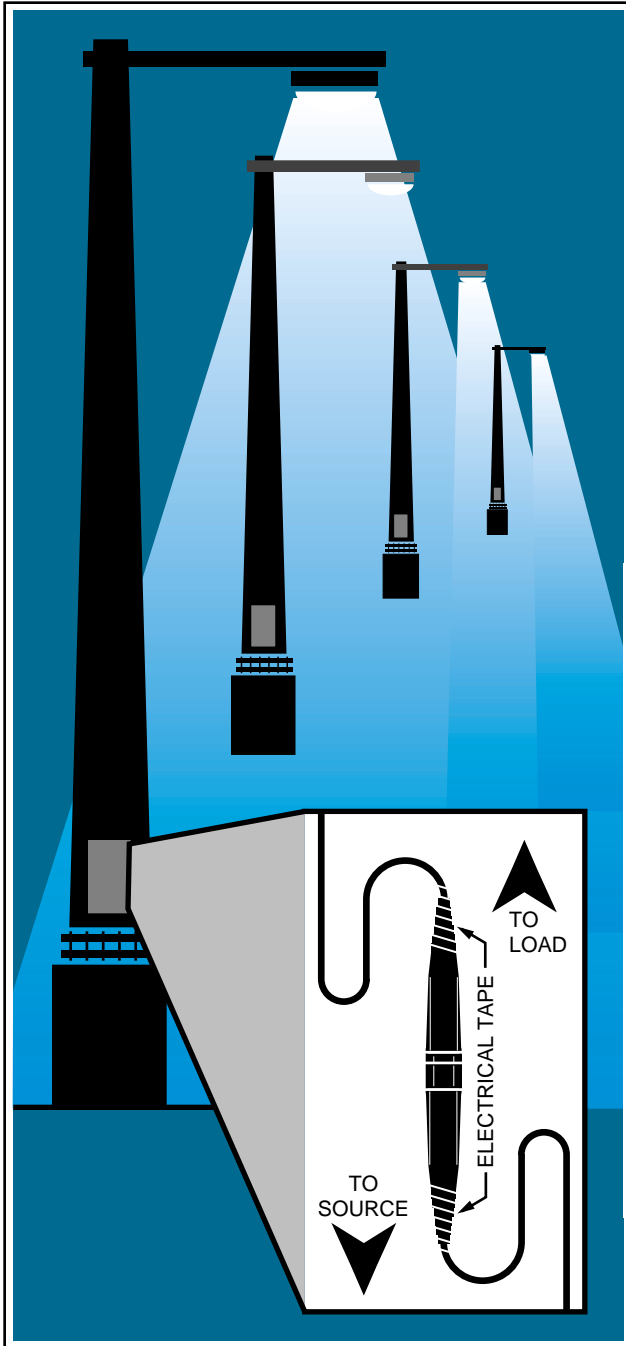
Blocks And Holders

# POWR-BLOKS™ Distribution/Splicer Blocks and Covers



# POWR-BLOKS™ Distribution/Splicer Blocks and Covers





Littelfuse's 600 volt in-line watertight fuse holders are the ideal answer for all high humidity and corrosive environments where fuses are required. Available in both breakaway and non-breakaway, single and double pole versions, these fuseholders allow maximum flexibility for any application.

## APPLICATIONS

Street, alley, and parking lot lighting  
 Security and perimeter lighting  
 Traffic signals  
 Outdoor illuminated signs  
 Sports lighting  
 Boat electrical circuits  
 Tractors and yard equipment  
 General outdoor circuit protection

## SPECIFICATIONS

**Voltage rating:** 600 Volts

**Ampere rating:** 30 amperes  
 200,000 amperes rms symmetrical  
 (with Class CC fuses)

### Approvals:

**LEB/LEX series:** UL Recognized Miscellaneous Fuseholder per UL 512 (File No. E14721)  
 CSA Certified per C22.2, No. 39 (File No. LR7316)

**LEC/LEY series:** UL Listed Class CC Branch Circuit Fuseholder per UL 512 (File No. E14721)  
 CSA Certified per C22.2, No. 39 (File No. LR7316)

## MATING FUSES

**LEB/LEX series:** Accepts all 1 1/2" x 13/32" Midget and Class CC fuses. Littelfuse types BLF, BLN,FLM,FLQ, KLK, KLKD, KLKR, KLDR and CCMR.

**LEC/LEY series:** Accepts only Class CC fuses. Littelfuse types KLKR, KLDR and CCMR.

## BENEFITS

- **Safety** — Permits individual fixture or device to be disconnected from circuit for servicing. Eliminates possibility of shock.
- **Individual fixture fusing** — Prevents loss of one fixture through accident, vandalism, or end of life from darkening the entire circuit.
- **Simplifies maintenance** — Being able to immediately identify the one faulted fixture eliminates testing the entire circuit, speeds repair, and permits servicing the individual unit while the rest of the circuit is functioning.
- **Reduces damage from fault** — Can prevent faulted ballast or other failure from severely damaging fixture or device, reducing necessary repair or need of replacement.

## FEATURES

- **Watertight** — Internal O-ring provides watertight seal.
- **Superior terminal seals** — Ultrasonically-welded terminals provide maximum strength and eliminate leaking at terminals.
- **Break-resistant** — Fiberglass-reinforced polymer body resists damage from dropping or impact much better than phenolic look-alikes.
- **Flexible terminations** — Accommodates a wide range of stranded or solid copper or aluminum conductors. Terminations are available for one or two conductors, with either crimp or screw terminals.
- **One-pole and two-pole models** available to accommodate all system voltages up to 600V.



## Elastimold

### Specifications

<b>Voltage Rating:</b>	600Vac dielectric - 2.2kVac / 1 min.
<b>Ampere Rating:</b>	30A max.
<b>Interrupting Rating:</b>	Loadbreak 15A-250
<b>Amp Range:</b>	30A
<b>Material:</b>	Santoprene
<b>Waterproof:</b>	Submersible to 12" for 24hr.
<b>Wire Size:</b>	#14 - #6 awg copper
<b>Approvals</b>	CSA c22.2 no. 39

### Description

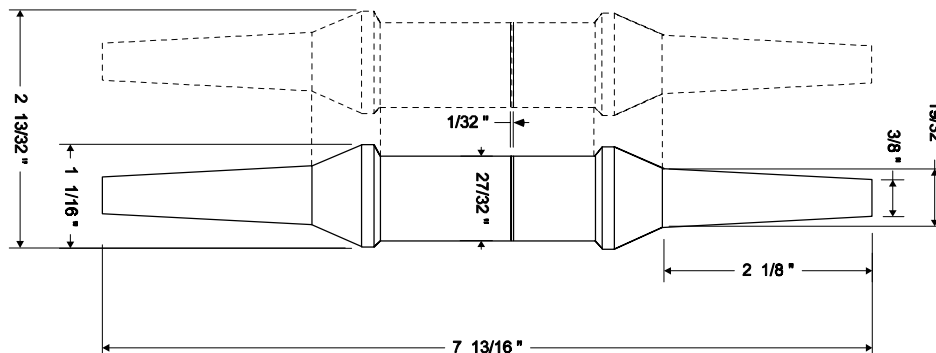
65U and D65U are fully waterproof in-line fuseholders designed to accept standard midget (13/32 x 1-1/2" & 10 x 38mm) fuses. They have integral moulded boots and 'break-away' safety design as standard features. Their primary use is in the fusing of street lighting ballasts, but they could be used for any application requiring weath-erproof or waterproof fuseholders.

### Features & Benefits

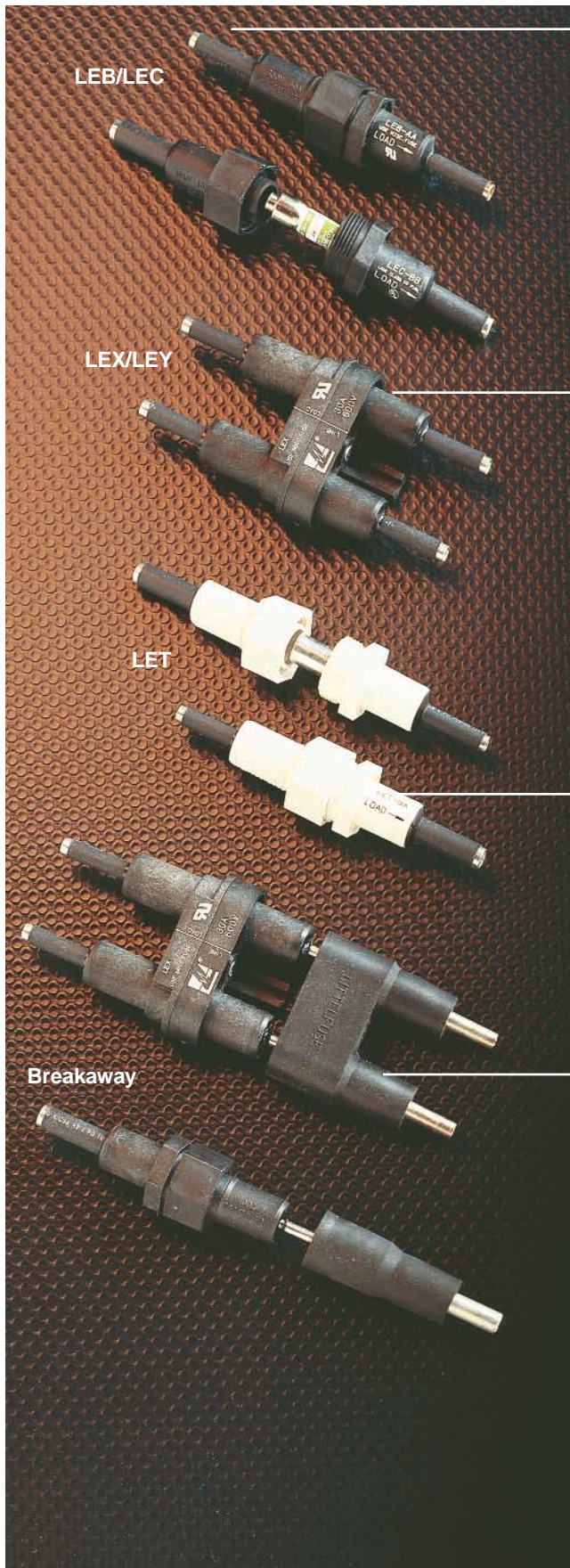
- Will accept any standard dimension 13/32 x 1-1/2" midget fuse. (except glass body or indicating types.)
- Integral boots and 'Break-away' feature means no add-ons.
- Fully waterproof to 12" submersion (when installed per mfrs. recommendations)
- Flexible 'Santoprene' rubber has excellent environmental withstand.
- Load-break capability - (15A at 250vAC)
- Standard unit covers #14 thru #6 awg wire size. Available for aluminum conductors.

See PowrGard PF101 digest for Littelfuse LEB series 'screw-apart' in-line waterproof fuseholders.

**Dimensions:** Include dotted line for D65U







## One-pole LEB and LEC Fuseholders

Basic single-pole LEB and LEC watertight fuseholders provide protection for a variety of circuits. LEB fuseholders accept all 13/32" x 1-1/2" midget fuses providing supplemental overcurrent protection. LEC fuseholders are UL Listed Class CC fuseholders which accept only Class CC fuses. They meet National Electrical Code requirements for branch-circuit protection. The most common use for either fuseholder is for protection of lighting circuits. However, consider them wherever there is a need for secure in-line protection, from boat circuits to electric wheelchairs. Great flexibility is achieved when the basic holders are combined with breakaway receptacles, Y-terminals and insulating boots.

## Two-pole LEX and LEY Fuseholders

LEX and LEY fuseholders are intended for use on line-to-line circuits up to 600 volts. Ideal for line-to-line loads such as 240 or 480 volt ballasts. When the line and load sections of LEX and LEY fuseholders are separated, or when the fuseholder is removed from a two-pole breakaway receptacle, both lines are disconnected simultaneously. This prevents the possibility of shock from backfeeding through an exposed fuse, which could happen with single-pole fuseholders. The LEX holder is a two-pole version of the LEB and accepts midget fuses, providing supplementary overcurrent protection. The LEY holder is a two-pole version of the LEC, which accepts only Class CC fuses, and may be used to provide branch-circuit protection. Both fuseholders may be equipped with Y-terminals, breakaway receptacles and insulating boots.

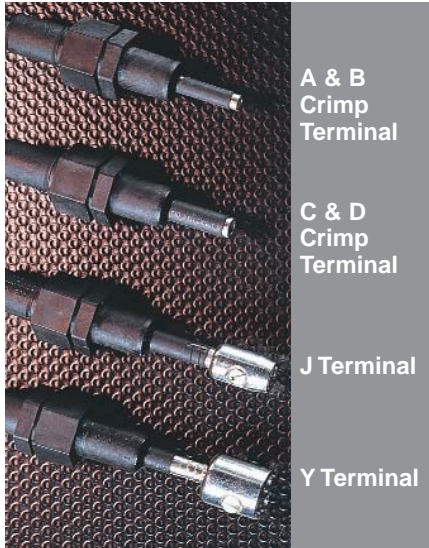
## One-pole LET Solid Neutral Disconnects

The LET solid neutral disconnect is designed for use as a no-load non-fused disconnect. Similar in design to the LEB series fuseholders, the LET is easily identified by its all-white body. Internally, it has a permanently-installed solid tin-plated copper neutral slug which eliminates the possibility of placing a fuse in the neutral side of the circuit. Fusing the neutral side causes a safety hazard and also violates the National Electrical Code. The LET is available in both breakaway and non-breakaway configurations with a wide variety of terminations.

## Breakaway Feature

Littelfuse LEB, LEC, and LET single-pole fuseholders and LEX and LEY two-pole fuseholders are available with an optional breakaway feature required to meet state and federal highway commission standards requiring fuseholders to readily disconnect from the line in case of a pole knockdown. The breakaway feature consists of a receptacle permanently attached to the power line and a fuseholder with matching terminals. When knockdown occurs, the parts separate readily. The breakaway receptacle's terminal is deeply recessed so that energized parts are not exposed. The fuse remains safely enclosed inside the now de-energized watertight fuseholder. After the pole has been reinstalled, the fuseholder is easily plugged into the receptacle, immediately restoring service. The breakaway feature may also find application in marinas, travel trailer parks and other locations where circuits subjected to strain must be safely disconnected.



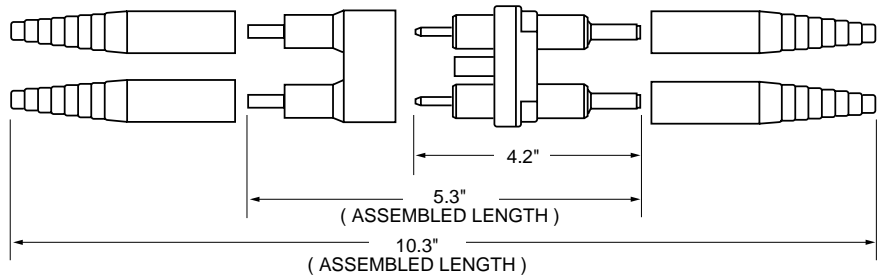
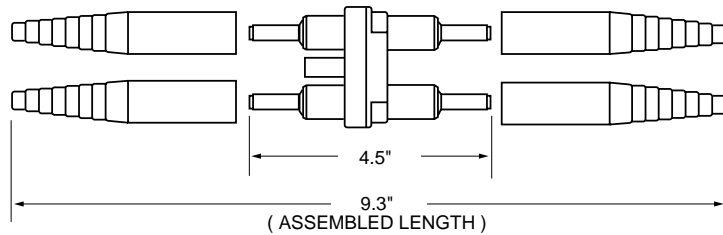
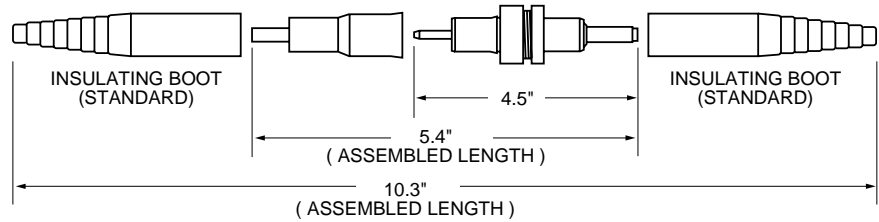
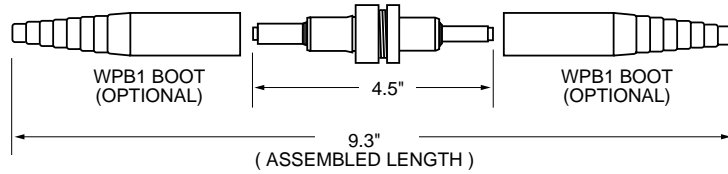


A & B  
Crimp  
Terminal

C & D  
Crimp  
Terminal

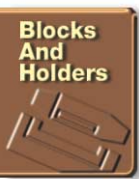
J Terminal

Y Terminal



## Insulating Boots

Molded from engineering grade thermoplastics, the WPB1 and WPB2 provide a high resistance to corrosive environments and deliver a watertight seal. Boots are supplied as standard with all breakaway versions. Weatherproof boots WPB1 and WPB2 can be purchased separately for all non-breakaway holders. Part number WPB1 contains one standard boot for use with A, B, C, D, or J termination. Part number WPB2 contains one Y-pole boot for use with the Y-pole termination. For watertight protection of non-breakaway Y-pole fuseholders, order one WPB1 and one WPB2 boot. For non-breakaway double-pole LEX and LEY holders with A, B, C, D, or J terminations, order four WPB1 boots. These insulating boots are designed to fit snugly onto wire insulation, but for best results with varying wire insulation sizes, a tape wrap should be completed.



## Recommended Crimping Tools

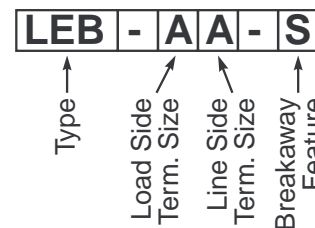
The following crimping tools or equivalents may be used on either the non-breakaway or breakaway watertight in-line fuseholders.

Terminal Size	T&B Part No.	Burndy Part No.
A	WT161M	Y14MF
B	WT161M	MR4C
C	WT115A	Hypress Y34A
D	WT115A	Hypress Y34A

## Ordering Information

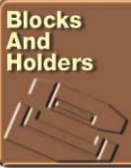
To order Littelfuse in-line fuseholders and disconnects by part number, refer to the charts on the next page.

Fuseholder Type	Description
LEB	One-pole in-line fuseholder for Midget and Class CC fuses
LEC	One-pole in-line fuseholder for Class CC fuses
LET	One-pole in-line solid neutral disconnect
LEX	Two-pole in-line fuseholder for Midget and Class CC fuses
LEY	Two-pole in-line fuseholder for Class CC fuses



## Selection Guide For Single Pole LEB/LEC Fuseholders

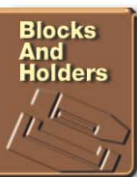
Standard Part No.	Breakaway Part No.	Fuse Type	Load Terminal Selection					Line Terminal Selection				
			Terminal Type	Load Terminal Wire Size Range	No. of Wires per Terminal	Solid Wire	Stranded Wire	Terminal Type	Line Terminal Wire Size Range	No. of Wires per Terminal	Solid Wire	Stranded Wire
LEB-AA LEC-AA	LEB-AA-S LEC-AA-S	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	X X	X X	Copper Crimp	#12 to #8 #12	1 2	X X	X X
LEB-AB LEC-AB	LEB-AB-S LEC-AB-S	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	X X	X X	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X
LEB-AC LEC-AC	— —	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	X X	X X	Copper Crimp	#8 #4	2 1	X —	X X
LEB-AD LEC-AD	— —	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	X X	X X	Copper Crimp	#6 #2	2 1	X —	X X
LEB-AJ LEC-AJ	LEB-AJ-S LEC-AJ-S	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	X X	X X	Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEB-AYC LEC-AYC	LEB-AYC-S LEC-AYC-S	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	X X	X X	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEB-BA LEC-BA	LEB-BA-S LEC-BA-S	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X	Copper Crimp	#12 to #8 #12	1 2	X X	X X
LEB-BB LEC-BB	LEB-BB-S LEC-BB-S	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X
LEB-BC LEC-BC	— —	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X	Copper Crimp	#8 #4	2 1	X —	X X
LEB-BD LEC-BD	— —	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X	Copper Crimp	#6 #2	2 1	X —	X X
LEB-BJ LEC-BJ	LEB-BJ-S LEC-BJ-S	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X	Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEB-BYC LEC-BYC	LEB-BYC-S LEC-BYC-S	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEB-CA LEC-CA	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	Copper Crimp	#12 to #8 #12	1 2	X X	X X
LEB-CB LEC-CB	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X
LEB-CC LEC-CC	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	Copper Crimp	#8 #4	2 1	X —	X X
LEB-CD LEC-CD	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	Copper Crimp	#6 #2	2 1	X —	X X
LEB-CJ LEC-CJ	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEB-CYC LEC-CYC	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEB-DA LEC-DA	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	Copper Crimp	#12 to #8 #12	1 2	X X	X X
LEB-DB LEC-DB	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X
LEB-DC LEC-DC	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	Copper Crimp	#8 #4	2 1	X —	X X
LEB-DD LEC-DD	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	Copper Crimp	#6 #2	2 1	X —	X X
LEB-DJ LEC-DJ	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	Copper Set-Screw	#12 to #8 #10 to #2	2 1	X —	— X
LEB-DYC LEC-DYC	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEB-JJ LEC-JJ	LEB-JJ-S LEC-JJ-S	Midget Class CC	Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X	Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEB-JYC LEC-JYC	LEB-JYC-S LEC-JYC-S	Midget Class CC	Copper Set Screw	#12 to #8 #10 to #2	1 1	X —	— X	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X





## Selection Guide For Double Pole LEX/LEY Fuseholders

Standard Part No.	Breakaway Part No.	Fuse Type	Load Terminal Selection					Line Terminal Selection				
			Terminal Type	Load Terminal Wire Size Range	No. of Wires per Terminal	Solid Wire	Stranded Wire	Terminal Type	Line Terminal Wire Size Range	No. of Wires per Terminal	Solid Wire	Stranded Wire
LEX-AA LEY-AA	LEX-AA-S LEY-AA-S	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	X X	X X	Copper Crimp	#12 to #8 #12	1 2	X X	X X
LEX-AB LEY-AB	LEX-AB-S LEY-AB-S	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	X X	X X	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X
LEX-AC LEY-AC	— —	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	X X	X X	Copper Crimp	#8 #4	2 1	X —	X X
LEX-AD LEY-AD	— —	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	X X	X X	Copper Crimp	#6 #2	2 1	X —	X X
LEX-AYC LEY-AYC	LEX-AYC-S LEY-AYC-S	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	X X	X X	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEX-BA LEY-BA	LEX-BA-S LEY-BA-S	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X	Copper Crimp	#12 to #8 #12	1 2	X X	X X
LEX-BB LEY-BB	LEX-BB-S LEY-BB-S	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X
LEX-BC LEY-BC	— —	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X	Copper Crimp	#8 #4	2 1	X —	X X
LEX-BD LEY-BD	— —	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X	Copper Crimp	#6 #2	2 1	X —	X X
LEX-BYC LEY-BYC	LEX-BYC-S LEY-BYC-S	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEX-CA LEY-CA	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	Copper Crimp	#12 to #8 #12	1 2	X X	X X
LEX-CB LEY-CB	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X
LEX-CC LEY-CC	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	Copper Crimp	#8 #4	2 1	X —	X X
LEX-CD LEY-CD	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	Copper Crimp	#6 #2	2 1	X —	X X
LEX-CJ LEY-CJ	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEX-CYC LEY-CYC	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	X —	X X	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEX-DA LEY-DA	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	Copper Crimp	#12 to #8 #12	1 2	X X	X X
LEX-DB LEY-DB	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	Copper Crimp	#10 #6 #4	2 1 1	X X —	X X X
LEX-DC LEY-DC	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	Copper Crimp	#8 #4	2 1	X —	X X
LEX-DD LEY-DD	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	Copper Crimp	#6 #2	2 1	X —	X X
LEX-DJ LEY-DJ	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEX-DYC LEY-DYC	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	X —	X X	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X
LEX-JJ LEY-JJ	LEX-JJ-S LEY-JJ-S	Midget Class CC	Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X	Copper Set-Screw	#12 to #8 #10 to #2	1 1	X —	— X





## Selection Guide For Solid Neutral LET Fuseholders

Standard Part No.	Breakaway Part No.	Fuse Type	Load Terminal Selection					Line Terminal Selection				
			Terminal Type	Load Terminal Wire Size Range	No. of Wires per Terminal	Solid Wire	Stranded Wire	Terminal Type	Line Terminal Wire Size Range	No. of Wires per Terminal	Solid Wire	Stranded Wire
LET-AA	LET-AA-S	Solid Neutral	Copper Crimp	#12 to #8	1	X	X	Copper Crimp	#12 to #8	1	X	X
				#12	2	X	X		#12	2	X	X
LET-AB	LET-AB-S	Solid Neutral	Copper Crimp	#12 to #8	1	X	X	Copper Crimp	#10	2	X	X
				#12	2	X	X		#6	1	X	X
LET-AYC	LET-AYC-S	Solid Neutral	Copper Crimp	#12 to #8	1	X	X	"Y" Type Copper Set-Screw	#12 to #8	1	X	—
				#12	2	X	X		#10 to #2	1	—	X
LET-BA	LET-BA-S	Solid Neutral	Copper Crimp	#10	2	X	X	Copper Crimp	#12 to #8	1	X	X
				#6	1	X	X		#12	2	X	X
				#4	1	—	X		—	—	—	—
LET-BB	LET-BB-S	Solid Neutral	Copper Crimp	#10	2	X	X	Copper Crimp	#10	2	X	X
				#6	1	X	X		#6	1	X	X
				#4	1	—	X		#4	1	—	X
LET-BYC	LET-BYC-S	Solid Neutral	Copper Crimp	#10	2	X	X	"Y" Type Copper Set-Screw	#12 to #8	1	X	—
				#6	1	X	X		#10 to #2	1	—	X
				#4	1	—	X		—	—	—	—
LET-JJ	LET-JJ-S	Solid Neutral	Copper Set-Screw	#12 to #8	1	X	—	Copper Set-Screw	#12 to #8	1	X	—
				#10 to #2	1	—	X		#10 to #2	1	—	X
LET-JYC	LET-JYC-S	Solid Neutral	Copper Set-Screw	#12 to #8	1	X	—	"Y" Type Copper Set-Screw	#12 to #8	1	X	—
				#10 to #2	1	—	X		#10 to #2	1	—	X

Blocks  
And  
Holders





Littelfuse fuse reducers allow smaller size fuses to be installed into existing fuse clips. This prevents overfusing.

- Allows lower ampere-rated fuses to be used in existing fuse clips.
- Simple installation.
- Reduces inventory requirements.
- Silver brazed joints for maximum strength.
- UL Listed (File No. E136855)  
CSA Certified (File No. LR92899)

Refer to fuse section of this catalog for fuse dimensions.

### Class H/K5 Fuse Reducers

For use with Littelfuse NLN/NLS and RLN/RLS series fuses.

#### 250 Volt

Part No. (pair)	Fuse Clip	Fuse Case Size
LRU 263 M	60	30
LRU 213 M	100	30
LRU 216	100	60
LRU 226	200	60
LRU 2621	200	100
LRU 2641	400	100
LRU 2642	400	200
LRU 2661	600	100
LRU 2662	600	200
LRU 2664	600	400

#### 600 Volt

Part No. (pair)	Fuse Clip	Fuse Case Size
LRU 663 M	60	30
LRU 216	100	30
LRU 616	100	60
LRU 626	200	60
LRU 2621	200	100
LRU 2641	400	100
LRU 2642	400	200
LRU 2661	600	100
LRU 2662	600	200
LRU 2664	600	400

### Class R Fuse Reducers

For use with Littelfuse FLNR\_ID/FLSR\_ID, IDSR, LLNRK/LLSRK and KLNK/KLSR series fuses.

#### 250 Volt

Part No. (pair)	Fuse Clip	Fuse Case Size
LRU 263 R	60	30
LRU 213 R	100	30
LRU 216 R	100	60
LRU 226 R	200	60
LRU 2621 R	200	100
LRU 2641 R	400	100
LRU 2642 R	400	200
LRU 2661 R	600	100
LRU 2662 R	600	200
* LRU 2664 R	600	400

#### 600 Volt

Part No. (pair)	Fuse Clip	Fuse Case Size
LRU 663 R	60	30
LRU 216 R	100	30
LRU 616 R	100	60
LRU 626 R	200	60
LRU 2621 R	200	100
LRU 2641 R	400	100
LRU 2642 R	400	200
LRU 2661 R	600	100
LRU 2662 R	600	200
* LRU 2664 R	600	400

\* Only one reducer required.

### Class J Fuse Reducers

For use with Littelfuse JTD\_ID/JTD and JLS series fuses.

#### 600 Volt

Part No. (pair)	Fuse Clip	Fuse Case Size
LRUJ63	60A	30A
LRUJ13	100A	30A
LRUJ16 *	100A	60A
LRUJ26	200A	60A
LRUJ21	200A	100A
LRUJ41	400A	100A
LRUJ42	400A	200A
LRUJ64	600A	400A

\* Fuse and reducer combination is slightly larger in diameter than 100A Class J fuses. For specific applications, contact factory.  
Class J reducers can not be used in bolt-on applications.



# Introducing the Global Pro System



## Offering World Class Performance and Global Acceptance

### The International Challenge

Engineers and equipment designers are faced with a dilemma when choosing the right circuit protection for their globally distributed equipment. They need to determine what markets the product will be used in, what local electrical standards apply in each of those markets, and what fuses should be used so users can find replacements easily.

The Global Pro System resolves these design issues by incorporating North American standards to fit internationally accepted IEC fuse dimensions. This allows touch-safe fuseholders that can be used in virtually any market and permits equipment to be easily adapted by simply replacing the fuse with one that meets local standards. It's that simple.

The benefits of the Global Pro System include:

- Global Acceptance
- UL and IEC approval
- Class J performance in an IEC package
- Universal voltages
- Touch-safe components
- Integrated lockout/tagout devices for OSHA compliance
- Blown fuse indication
- Design versatility for OEM's
- Built-in microswitch to integrate into PLC networks, turn on stack lighting, and remote blown fuse indication

### Global Acceptance – Total Pro-Tection

The Littelfuse Global Pro circuit protection system combines fuses and fuseholders in a simple package designed to comply with UL and IEC requirements. The result is the single best solution for your worldwide circuit protection needs.

### Flexible Components

The components of the Global Pro system are vital to its performance. The key component within the integrated system is the fuse. The Littelfuse Global Fuse is designed to offer UL Class J performance, but with the compact size and international compatibility associated with fuses manufactured to IEC dimensions.

### More Protection In Less Space

Global Pro fuses are significantly smaller in size than 30, 60, and 100 amp Class J fuses. All Global Pro fuses offer:

- Extremely Compact Size
- Pop-up Pin Blown Fuse Indication
- Class J Performance
- Compatibility with IEC style fuse holders



Good



Blown

# LgD Series Global Pro-tection Fuses

600 Volts AC – Time Delay - 1-100 Amperes



The Global Pro system is designed to save valuable space in a crowded panel while providing designers with the flexibility of a universally accepted design for easy replacement. Global Pro fuses are far more compact and have greater power handling capability than conventional products. Global Pro fuses are up to 75% smaller than Class R fuses and up to 50% smaller than Class J fuses while providing the time delay that is necessary for motor circuit protection.

Global Pro fuses also provide quick and positive visual identification of blown fuses by using a pop-up indicator design that protrudes from the top of the fuse. The pop-up indicator is designed to immediately alert maintenance personnel that it needs to be replaced. Touch-safe fuse holders are available with a built-in microswitch that is activated by the pop-up indicator. The microswitch can be used to integrate into PLC networks, turn on stack lighting, and provide equipment operators with a remote method of determining when the fuse needs to be replaced.

## APPLICATIONS

- Motor control centers
- Motor branch circuits
- Primary & secondary protection of transformers
- Equipment designed for export

## SPECIFICATIONS

**Voltage Rating:** AC: 600 Volts (UL)

690 Volts (IEC)

DC: 500 Volts (1-30A)

300 Volts (35-60A)

**Interrupting Rating:** AC: 200,000 amps

DC: 100,000A (1-30A)

20,000A (35-60A)

**Ampere Range:** 1-100\* amperes

**Approvals:** UL Listed Special Purpose  
(1-30 amps)

UL Recognized (35-60 amps)

CSA Certified (1-60 amps)

\*Contact factory for ratings above 60A

## AMPERE RATINGS

1	8	15	30	45	70*	100*
3	10	20	35	50	80*	
6	12	25	40	60	90*	

\*Contact factory for ratings above 60A

*Example part number (series & amperage): LgD 60*

## RECOMMENDED FUSEHOLDERS

LPSG Series Global PRO Fuseholders

## FEATURES AND BENEFITS

- Extremely compact size
- Pop-up Pin Indication
- **Class J performance**
- Global acceptance
- UL and IEC approval
- Touch-safe components
- Design versatility for the OEM

## DIMENSIONS

Part Number	Amperage	English	Metric
LgD 0-30A	0-30A	9/16" x 2"	14mm x 51mm
LgD 35-60A	35-60A	13/13" x 2-1/4"	22mm x 58mm
LgD 70-100A	70-100A	1-1/16" x 2-3/8"	27mm x 60mm



# LPSG Series Global Pro Fuseholders



Littelfuse's Global Protection System simplifies circuit protection by incorporating North American electrical requirements into fuse styles found in the rest of the world. The Global Pro fuseholder features a microswitch that is actuated by a blown fuse. This allows the Global Pro system to integrate into PLC networks and provide remote blown fuse indication. An indicator light also allows maintenance personnel to locate blown fuses quickly.

## FEATURES and BENEFITS

- IP20 Touch-Safe Design to IEC 529
- DIN Rail Mounting (35mm rail)
- Integrated Lock-out/tagout device for OSHA compliance
- Compact Size – up to 60% smaller than Class R blocks and up to 25% smaller than Class J blocks.
- Blown Fuse Indicator to quickly identify blown fuses
- Integrated microswitch for remote fuse status and PLC integration

## SPECIFICATIONS

**Voltage Rating:** 750 AC/DC

**Withstand Rating:** 200,000 amps

**Ampere Range:** 30, 60, and 100\* amperes

*\*Contact Factory for ratings above 60 amps.*

**Terminal Type:** Pressure Plate

**Recommended Torque:** 30A: 35 In. lbs.  
60A: 45 In. lbs.

**Wire Range:** #2-14 CU

**Material:** Thermo-plastic

**Approvals:** UL Recognized

CSA Certified

IEC 269/947-3

**Indicator:** Neon Lamp

- Minimum 90 VAC, 115VDC to operate indicator
- Less than 0.7mA leakage current at 600V

## RECOMMENDED FUSES

LgD series Global Pro Fuses

## ORDERING INFORMATION

Catalog No.	Amp Rating	Poles	Pack Qty.
LPSG30-1MI	30A	1	6
LPSG30-2MI	30A	2	3
LPSG30-3MI	30A	3	2
LPSG60-1MI	60A	1	6
LPSG60-2MI	60A	2	3
LPSG60-3MI	60A	3	2
LPSG100-1MI	100A	1	6
LPSG100-2MI	100A	2	3
LPSG100-3MI	100A	3	2

Note: LPSG series fuseholders are not approved to be a load-break disconnect.