

Section Overview

Littelfuse® offers a wide variety of dead-front and open-face fuseblocks, in addition to a variety of accessories, distribution/splicer blocks and in-line holders.



BLOCKS AND HOLDERS

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FUSEBLOCKS OVERVIEW



Description

Littelfuse offers a comprehensive line of fuseblocks that incorporate many benefits such as indication, snap to-release, DIN-Rail mounting and universal mounting holes.

New Options Available

- Reduced Footprint—Save space with designs up to 35% smaller in width
- Indication—Increase safety and reduce downtime with built-in local neon indication
- Universal Mounting Holes—Simplify replacement with universal mounting options
- DIN Rail Mountable—Ease installation with a 35 mm hat DIN Rail mounting option
- One-Hand Release—Save time by using only one hand for a simple release from DIN Rail

Fuseblock Selection

The following guidelines should help simplify the selection of proper fuseblocks:

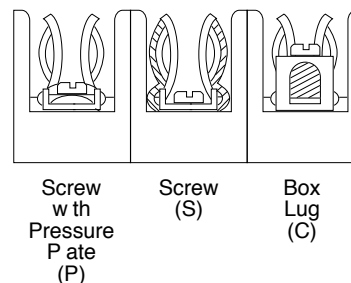
- 1. Determine the system voltage**—Since fuses are selected on the basis of system voltage, fuseblocks are selected to match the voltage rating of the fuse.
- 2. Determine the design short-circuit current**—If available short-circuit current cannot be determined, or if it will vary with equipment location, select fuses with a 200,000 ampere interrupting rating (A.I.R.) and mating fuseblocks with a withstand rating of 200,000 amperes for maximum safety.
- 3. Determine the type and ampere rating of the fuse to be used**—The fuse ampere rating, opening characteristics (fast acting or time-delay) and size are important considerations in fuse selection. Fuseblocks may be used with a fuse rated at the corresponding ampere rating or below. For example, a fuseblock 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**—Any of these requirements should be obtained from the approving agency in advance of fuse and fuseblock selection.

5. Select the type of wire termination

Three types of wire termination are available:

- Screw*—for use with spade lugs or ring terminals
- Screw with Pressure Plate*—for use with solid or stranded wire without terminal. Recommended where vibration will be a factor
- Box Lug—for use with all types of solid wire and Class B and Class C stranded wire. The most durable, but not for use with welding cable or other rope-stranded conductors.

*1/4" Quick Connect terminals rated for up to 20 amperes are available on the Midget and Class CC fuseblocks.



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.

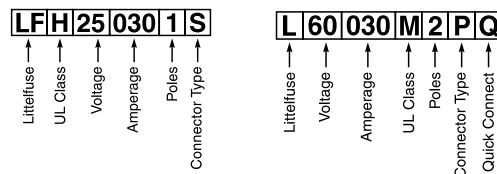
7. Determine if block should be DIN Rail mounted—Many of the new Littelfuse fuseblocks are DIN Rail mountable. Be sure to look to corresponding ordering tables to match the correct part number on the following product pages.

8. 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.

Ordering Information

The Littelfuse fuseblock system part number consists of the below skeleton. Please refer to UL Class Tables for specific information.



†For all Class R, H, J, and T Fuseblocks

For all Class CC, G, and Midget-Style

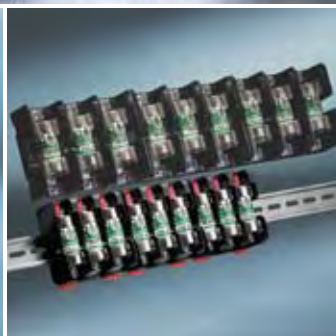
†These new fuseblocks replace previous Littelfuse fuseblocks that had very similar part numbers for customer convenience. The only change is an "F" has been added as the second character in the new block part numbers.

Caution: Littelfuse indicating fuseholders are intended to quickly identify open fuses while power is still applied. Only qualified electrically trained technicians should replace fuses and follow standard OSHA and NFPA 70E safe work practices, such as Lock-Out and Tag-Out procedures and verification before replacing any fuses in indicating fuseholders.

CLASS J FUSEBLOCKS

NEW!

**Indicating
Fuseblocks**



**Smaller Footprint
Provides Space Savings**



**DIN-Rail Mounting
Eases Installation**



**Indication Improves
Functionality**

Littelfuse understands your challenge to constantly improve your products—that's why we developed a brand new line of next generation fuseblocks.

Introducing the LF Series Fuseblocks. Smaller. More efficient. More valuable to your customers. These products meet your design and business objectives, provide value to your customers and differentiate your products from the competition.

CLASS J FUSEBLOCKS

600 V


Description

Littelfuse 600 V Class J blocks offer generous space savings and enhanced benefits such as indication, snap-to-release DIN Rail mounting feature, and universal mounting holes.

The LFJ Series fuseblocks have replaced the LJ Series blocks.

Features/Benefits

- Indication offered on all versions except 200 A–600 A
- One hand release from DIN Rail (snap-to-release) for all non-knife blade style fuses
- Phenolic blocks have side barriers for isolation
- Standard reinforced fuse clips on all Class J blocks
- Universal mounting holes for easy replacement
- Space-saving design—up to 45% smaller than existing blocks
- RoHS compliant, Pb free

Specifications

Voltage Ratings:	600 V
Ampere Ratings:	0 – 600 A
Leakage Current:	<0.6 mA at 600 V
Withstand Rating:	200 kA RMS SYM
Flammability Rating:	UL94 V-0
Approvals:	UL Listed (File No. E14721) CSA Certified (File No. LR73091)

Recommended Fuses

Time Delay

Series: JTD_ID	pg. 27
Series: JTD	pg. 27

Fast Acting

Series: JLS	pg. 28
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For information about Touch Safe Class J fuseholders, visit <http://www.littelfuse.com/lpsj>

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/lfj
www.littelfuse.com/fuseblocks

Ordering Information (Class J 600 V)

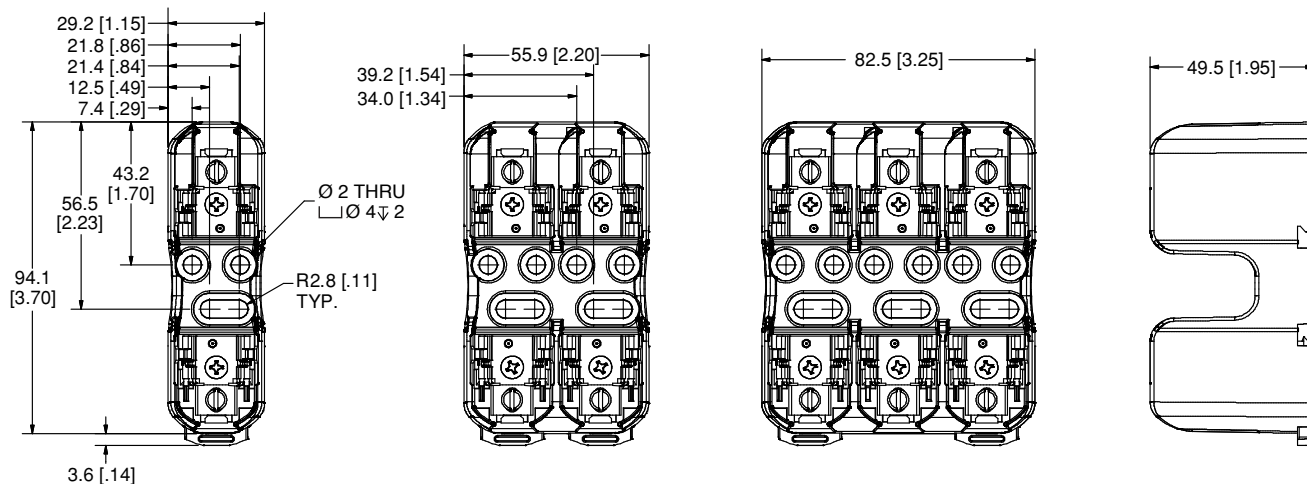
AMP RATING	POLES	CATALOG/SYSTEM NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE	INDICATION
		BASE PART NUMBER	SUFFIX										
			BOX LUG	PRESSURE PLATE	SCREW								
30	1	LFJ600301	CID	PID	SID	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only	Solid/Stranded	125°C	●	●
	2	LFJ600302	CID	PID	SID		P	10-14 AWG					
	3	LFJ600303	CID	PID	SID		S	10-22 AWG					
60	1	LFJ600601	CID	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		CU-AL	Solid/Stranded	125°C	●	●
	2	LFJ600602	CID	—	—	2.8 N-m (25 in-lbs)	6-14 AWG						
	3	LFJ600603	CID	—	—								
100	1	LFJ601001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		CU-AL	Solid/Stranded	130°C	—	●
	3	LFJ601003	CID	—	—	4.5 N-m (40 in-lbs)	8 AWG						
						4.0 N-m (35 in-lbs)	10-14 AWG						
200	1	LFJ602001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL	Solid/Stranded	130°C	—	—
	3	LFJ602003	C	—	—								
400	1	LFJ604001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL	Solid/Stranded	130°C	—	—
	3	LFJ604003	C	—	—								
600	1	LFJ606001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL	Solid/Stranded	130°C	—	—
	3	LFJ606003	C	—	—								

Note: Reinforcing springs standard on all Class J fuseblocks.

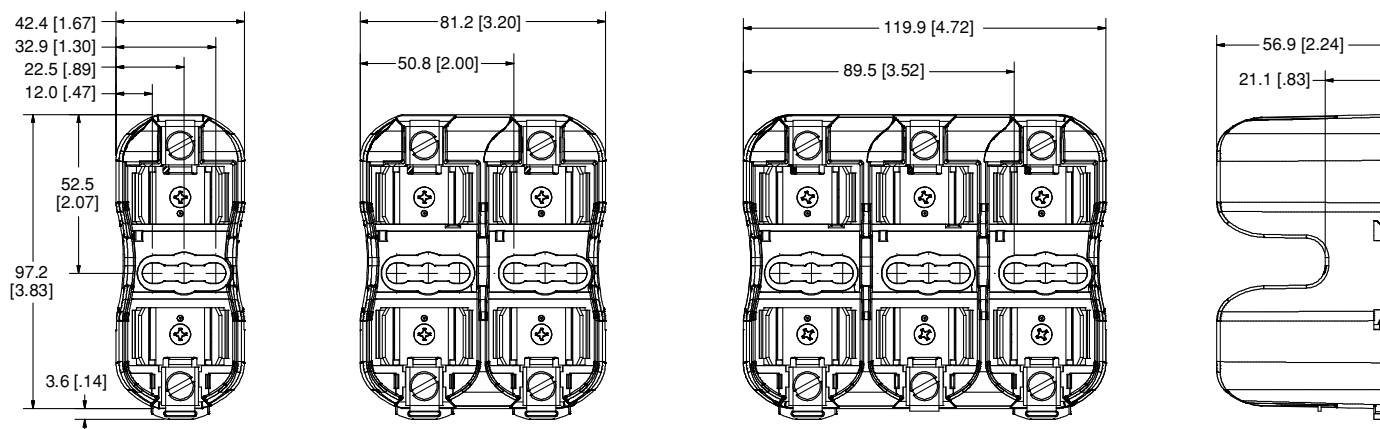
CLASS J FUSEBLOCKS DIMENSIONS

Dimensions in mm (inches)

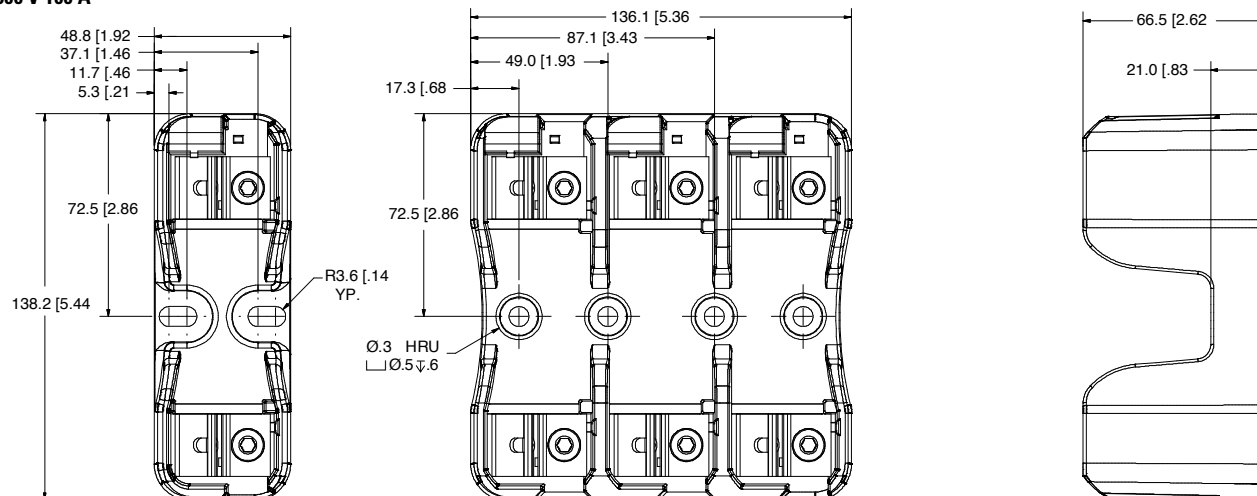
600 V 30 A



600 V 60 A



600 V 100 A

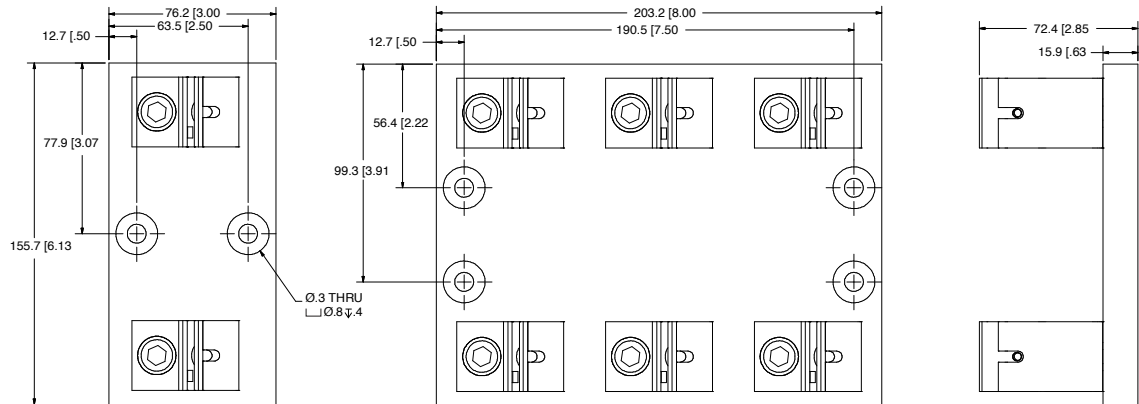


Dimensions available at www.littelfuse.com/fuseblocks

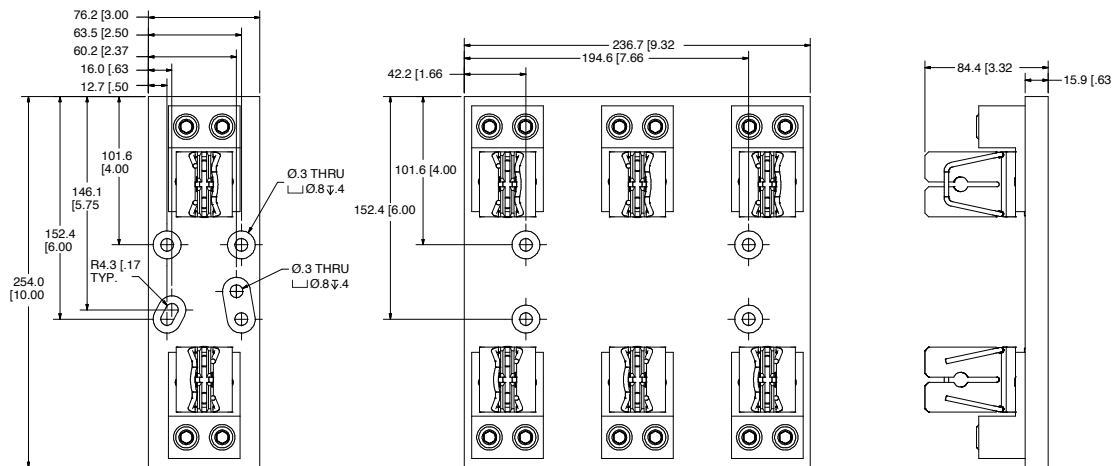
CLASS J FUSEBLOCKS DIMENSIONS

Dimensions in mm (inches)

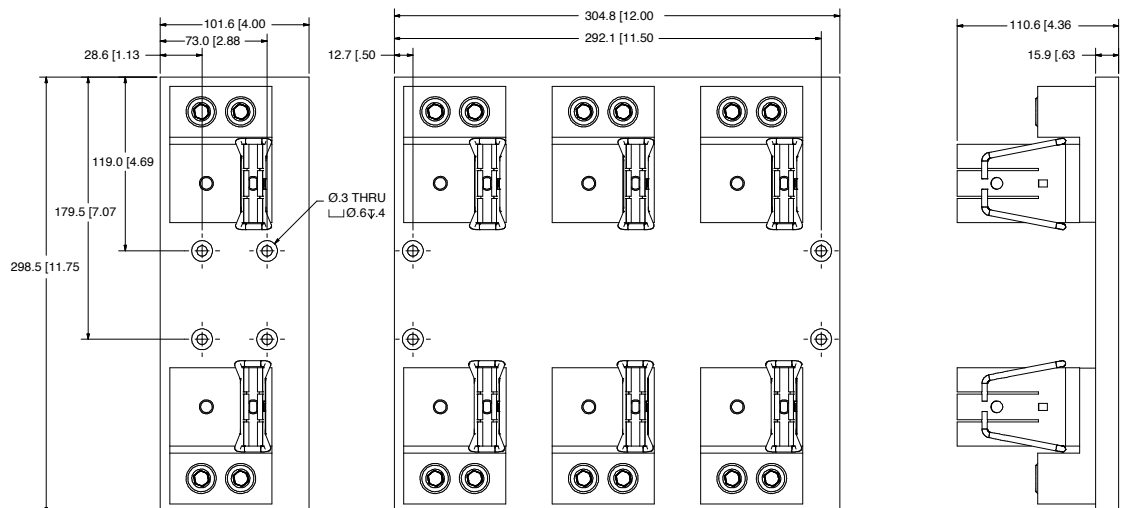
600 V 200 A



600 V 400 A



600 V 600 A



Dimensions available at www.littelfuse.com/fuseblocks

CLASS H/K5 AND R FUSEBLOCKS

NEW!
Indicating
Fuseblocks



**Smaller Footprint
Provides Space Savings**



**DIN-Rail Mounting
Eases Installation**



**Indication Improves
Functionality**

Littelfuse understands your challenge to constantly improve your products—that's why we developed a brand new line of next generation fuseblocks.

Introducing the LF Series Fuseblocks. Smaller. More efficient. More valuable to your customers. These products meet your design and business objectives, provide value to your customers and differentiate your products from the competition.

CLASS H/K5 AND R FUSEBLOCKS



Description

The Littelfuse Class H/K5 and R blocks offer many benefits such as indication, snap-to-release DIN Rail Mounting and universal mounting holes. Class H and Class R fuseblocks are dimensionally the same, but Class R blocks incorporate a rejection feature, which only allows Class R fuses to be inserted.

The LFH and LFR line of fuseblocks have replaced the LH and LR Series blocks, respectively.

Features/Benefits

- Indication offered on most 250 V and 600 V versions
- One hand release from DIN Rail (snap-to-release) for all non-knife blade style fuses
- Universal mounting holes for easy replacement
- Clip designs maximize electrical contact and minimize heat rise
- Standard reinforcing clips on all Class R fuseblocks and Class H fuseblocks
- RoHS compliant, Pb free

Ordering Information (Class H 250 V)

AMP RATING	POLES	CATALOG/SYSTEM NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE	INDICATION
		BASE PART NUMBER	BOX LUG	SUFFIX PRESSURE PLATE	SCREW								
30	1	LFH250301	C	P	S	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only	Solid/ Stranded	125°C	●	—
	2	LFH250302	C	P	S		P	10-14 AWG					
	3	LFH250303	C	P	S		S	10-22 AWG					
60	1	LFH250601	CID	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		CU-AL	Solid/ Stranded	125°C	●	●
	2	LFH250602	CID	—	—	2.8 N-m (25 in-lbs)	6-14 AWG						
	3	LFH250603	CID	—	—								
100	1	LFH251001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		CU-AL	Solid/ Stranded	130°C	—	●
	3	LFH251003	CID	—	—	4.5 N-m (40 in-lbs)	8 AWG						
						4.0 N-m (35 in-lbs)	10-14 AWG						
200	1	LFH252001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL	Solid/ Stranded	130°C	—	—
	3	LFH252003	C	—	—								
400	1	LFH254001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL	Solid/ Stranded	130°C	—	—
	3	LFH254003	C	—	—								
600	1	LFH256001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL	Solid/ Stranded	130°C	—	—
	3	LFH256003	C	—	—								

Note: Reinforcing springs standard on all Class H fuseblocks.

Specifications

Voltage Rating:	250 V, 600 V
Ampere Ratings:	0 – 600 A
Leakage Current:	<0.6 mA at 600 V
Withstand Rating:	Class H: 10 kA RMS SYM Class R: 200 kA RMS SYM
Flammability Rating:	UL94 V-0
Approvals:	UL Listed (File No. E14721) CSA Certified (File No. LR73091)

Recommended Fuses

Class H/K5 Blocks – 250 V

NLN	pg. 24
RLN	pg. 25

Class R Blocks – 250 V

FLNR/FLNR_ID	pg. 20
KLNR	pg. 17
LLNRK	pg. 16
TLN	pg. 58

Class H/K5 Blocks – 600 V

NLS	pg. 24
RLS	pg. 25

Class R Blocks – 600 V

FLSR/FLSR_ID	pg. 20
KLNR	pg. 17
LLSRK/LLSRK_ID	pg. 16
IDSR	pg. 19

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/lfh

www.littelfuse.com/lfr

www.littelfuse.com/fuseblocks

CLASS H/K5 AND R FUSEBLOCKS

Class H 600 V

AMP RATING	POLES	CATALOG/SYSTEM NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE	INDICATION
		BASE SYSTEM NUMBER	SUFFIX										
			BOX LUG	PRESSURE PLATE	SCREW								
30	1	LFH600301	CID	PID	SID	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only	Solid/Stranded	130°C	●	●
	2	LFH600302	CID	PID	SID		P	10-14 AWG					
	3	LFH600303	CID	PID	SID		S	10-22 AWG					
60	1	LFH600601	CID	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		CU-AL	Solid/Stranded	130°C	●	●
	2	LFH600602	CID	—	—	2.8 N-m (25 in-lbs)	6-14AWG						
	3	LFH600603	CID	—	—		2/0-6AWG						
100	1	LFH601001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6AWG		CU-AL	Solid/Stranded	130°C	—	●
	3	LFH601003	CID	—	—	4.5 N-m (40 in-lbs)	8 AWG						
						4.0 N-m (35 in-lbs)	10-14 AWG						
200	1	LFH602001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL	Solid/Stranded	130°C	—	—
	3	LFH602003	C	—	—								
400	1	LFH604001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL	Solid/Stranded	130°C	—	—
	3	LFH604003	C	—	—								
600	1	LFH606001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL	Solid/Stranded	130°C	—	—
	3	LFH606003	C	—	—								

Note: Reinforcing springs standard on all Class H fuseblocks.

Class R 250 V

AMP RATING	POLES	CATALOG/SYSTEM NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE	INDICATION
		BASE SYSTEM NUMBER	SUFFIX										
			BOX LUG	PRESSURE PLATE	SCREW								
30	1	LFR250301	C	P	S	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only	Solid/Stranded	125°C	●	—
	2	LFR250302	C	P	S		P	10-14 AWG					
	3	LFR250303	C	P	S		S	10-22 AWG					
60	1	LFR250601	CID	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		CU-AL	Solid/Stranded	125°C	●	●
	2	LFR250602	CID	—	—	2.8 N-m (25 in-lbs)	6-14 AWG						
	3	LFR250603	CID	—	—								
100	1	LFR251001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		CU-AL	Solid/Stranded	130°C	—	●
	3	LFR251003	CID	—	—	4.5 N-m (40 in-lbs)	8 AWG						
						4.0 N-m (35 in-lbs)	10-14 AWG						
200	1	LFR252001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL	Solid/Stranded	130°C	—	—
	3	LFR252003	C	—	—								
400	1	LFR254001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL	Solid/Stranded	130°C	—	—
	3	LFR254003	C	—	—								
600	1	LFR256001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL	Solid/Stranded	130°C	—	—
	3	LFR256003	C	—	—								

Note: Reinforcing springs standard on all Class R fuseblocks.

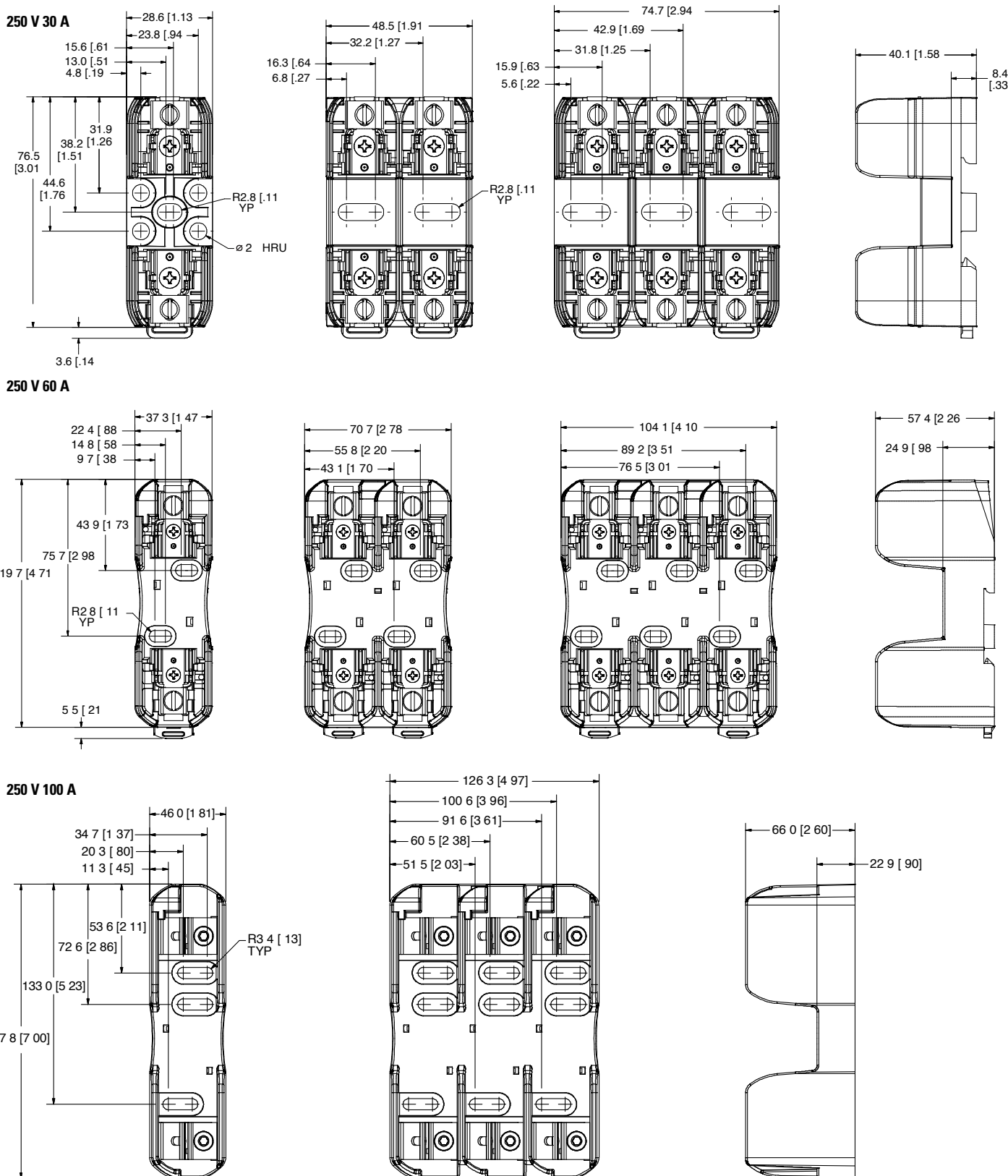
Class R 600 V

AMP RATING	POLES	CATALOG/SYSTEM NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE	INDICATION
		BASE SYSTEM NUMBER	BOX LUG	SUFFIX									
				PRESSURE PLATE	SCREW								
30	1	LFR600301	CID	PID	SID	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only	Solid/ Stranded	130°C	●	●
	2	LFR600302	CID	PID	SID		P	10-14 AWG					
	3	LFR600303	CID	PID	SID		S	10-22 AWG					
60	1	LFR600601	CID	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		CU-AL	Solid/ Stranded	130°C	●	●
	2	LFR600602	CID	—	—	2.8 N-m (25 in-lbs)	6-14 AWG						
	3	LFR600603	CID	—	—								
100	1	LFR601001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		CU-AL	Solid/ Stranded	130°C	—	●
	3	LFR601003	CID	—	—	4.5 N-m (40 in-lbs)	8 AWG						
				—	—	4.0 N-m (35 in-lbs)	10-14 AWG						
200	1	LFR602001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL	Solid/ Stranded	130°C	—	—
	3	LFR602003	C	—	—								
400	1	LFR604001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL	Solid/ Stranded	130°C	—	—
	3	LFR604003	C	—	—								
600	1	LFR606001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL	Solid/ Stranded	130°C	—	—
	3	LFR606003	C	—	—								

Note: Reinforcing springs standard on all Class R fuseblocks.

CLASS H/K5 AND R FUSEBLOCKS DIMENSIONS

Dimensions in mm (inches)

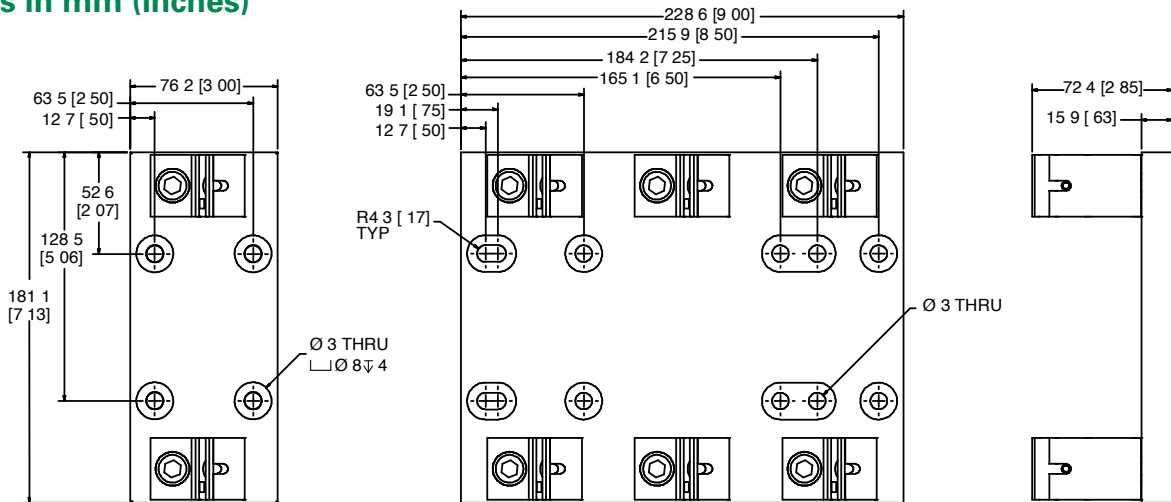


Dimensions available at www.littelfuse.com/fuseblocks

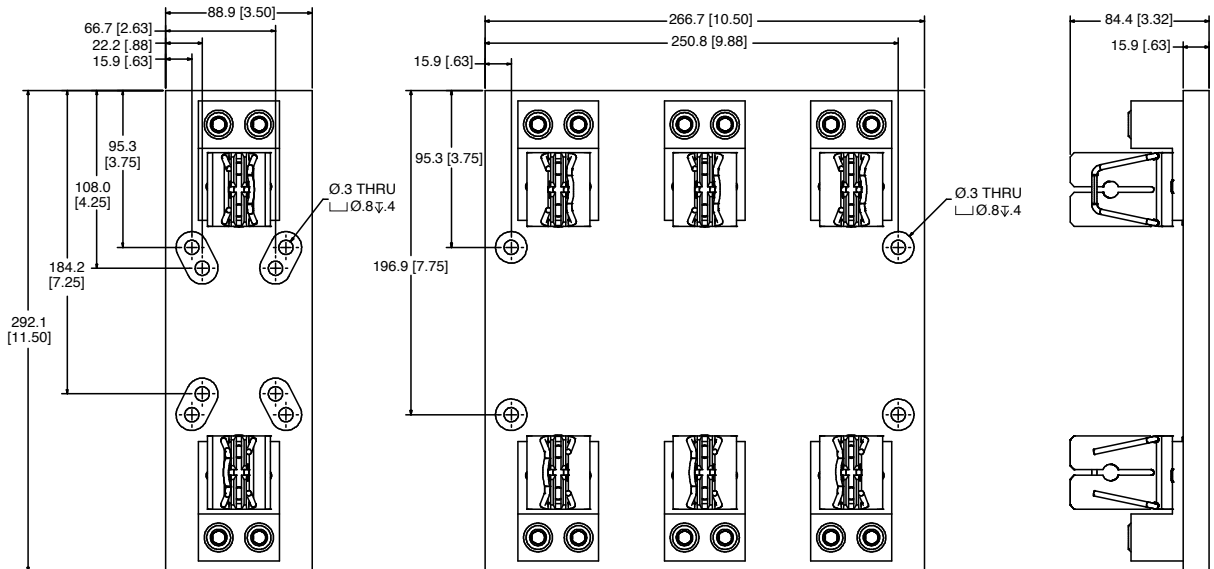
CLASS H/K5 AND R FUSEBLOCKS DIMENSIONS

Dimensions in mm (inches)

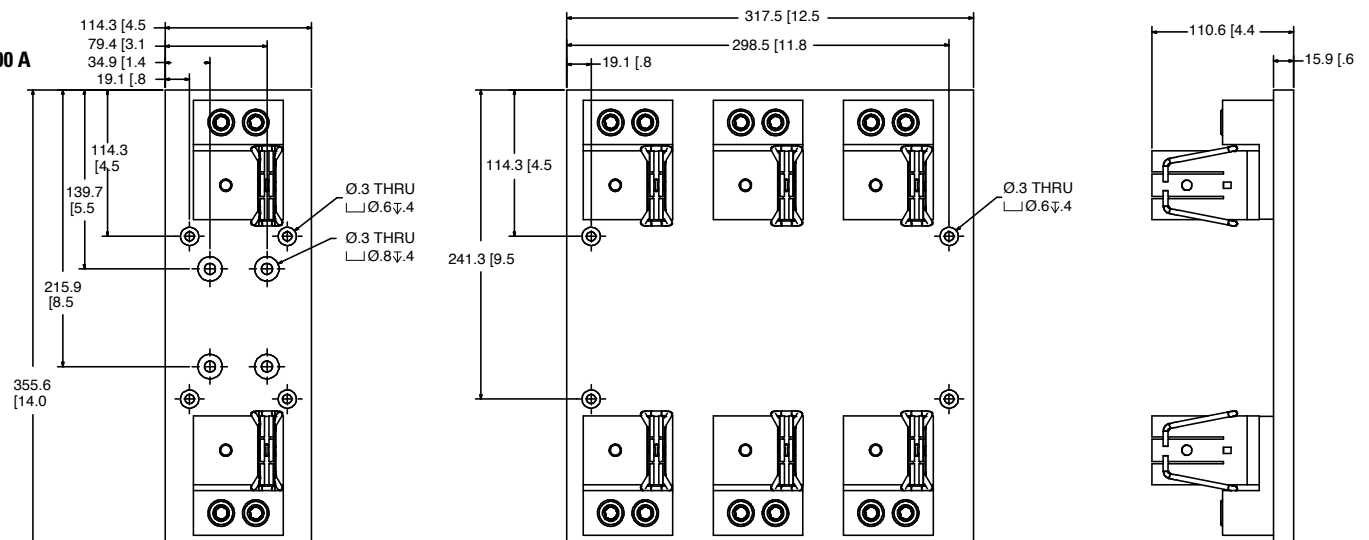
250 V 200 A



250 V 400 A



250 V 600 A

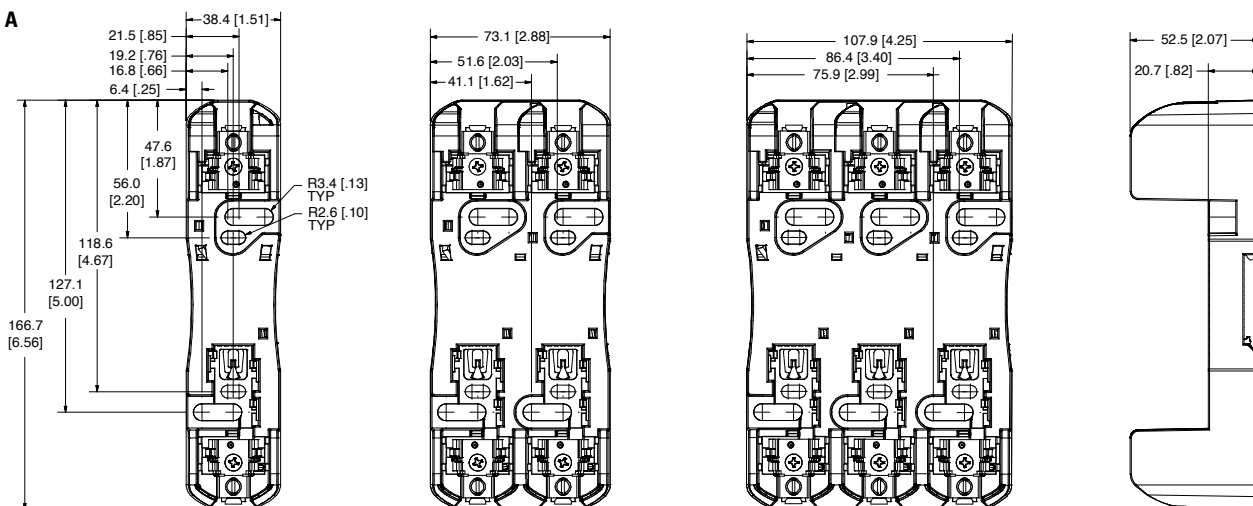


Dimensions available at www.littelfuse.com/fuseblocks

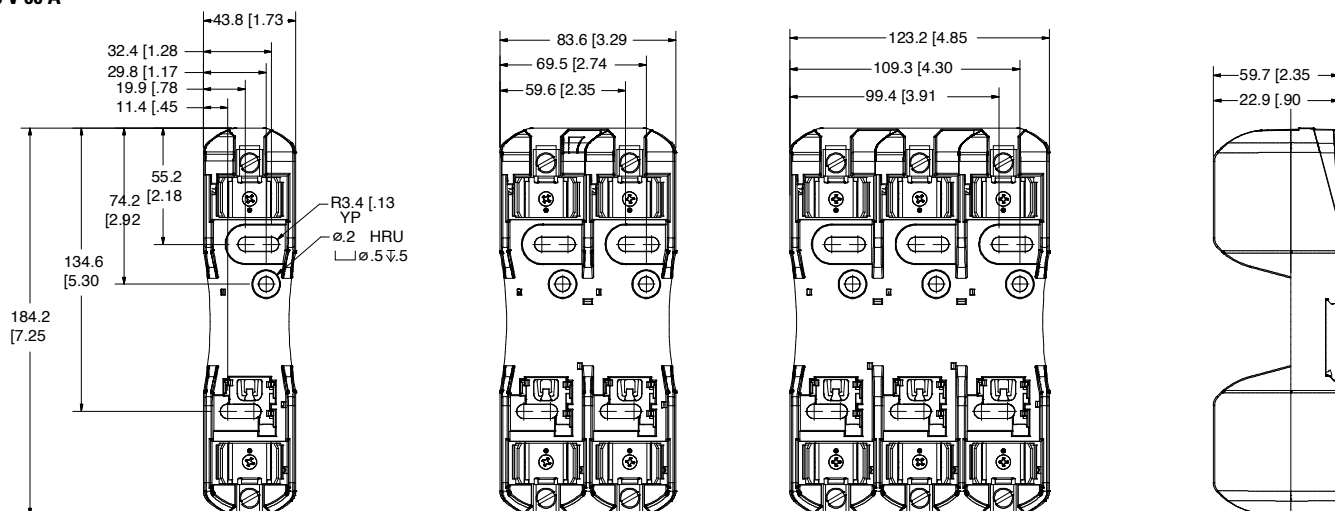
CLASS H/K5 AND R FUSEBLOCKS DIMENSIONS

Dimensions in mm (inches)

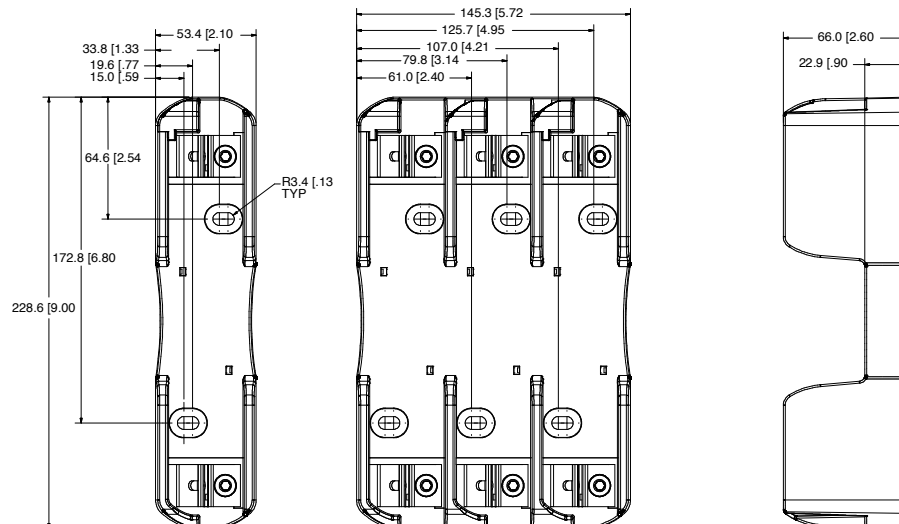
600 V 30 A



600 V 60 A



600 V 100 A

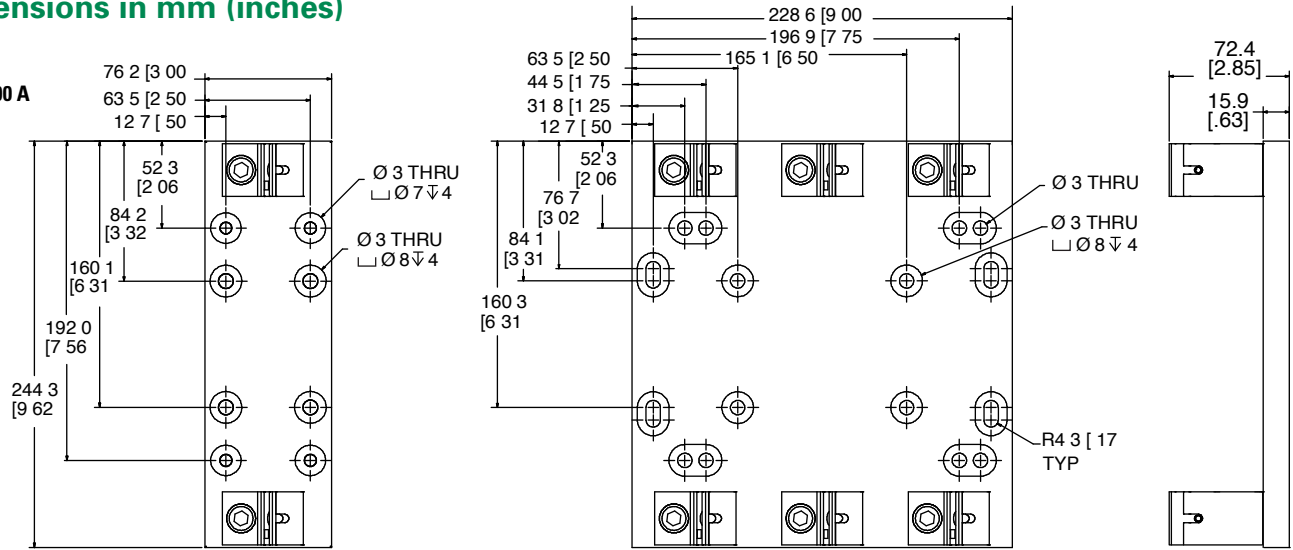


Dimensions available at www.littelfuse.com/fuseblocks

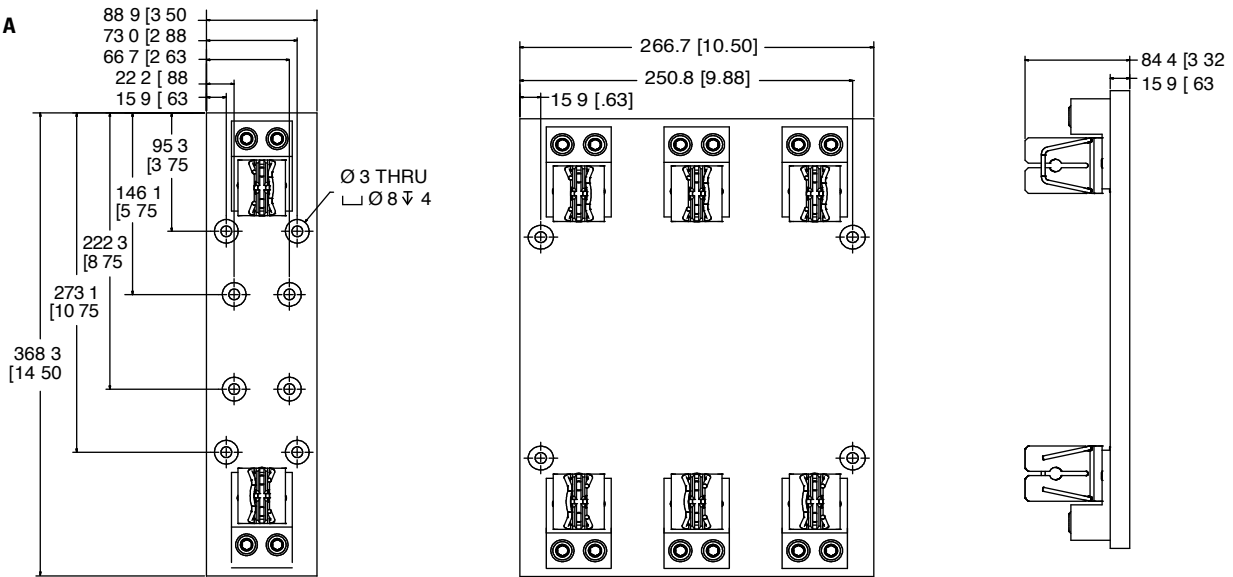
CLASS H/K5 AND R FUSEBLOCKS DIMENSIONS

Dimensions in mm (inches)

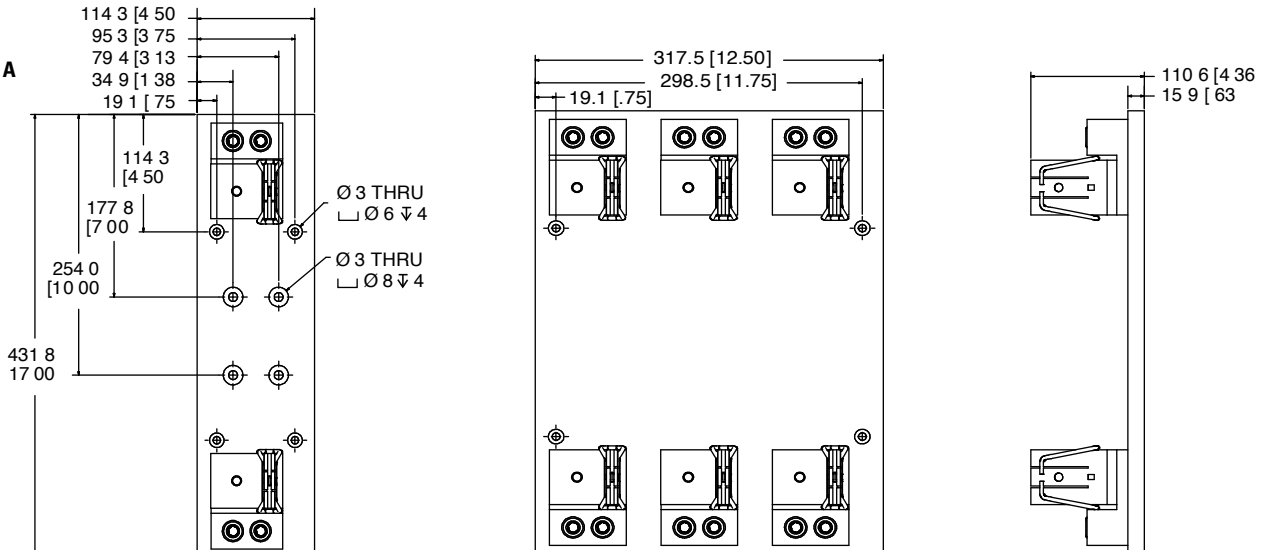
600 V 200 A



600 V 400 A



600 V 600 A



Dimensions available at www.littelfuse.com/fuseblocks

CLASS T FUSEBLOCKS

NEW!
Smaller Design


Description

The new Littelfuse Class T fuseblocks offer many advantages over previous generations that are noted in the features and benefits section. Of particular value is the space savings these new blocks provide.

Features/Benefits

- Compact design means increased space savings
- DIN Rail releasable for all 30 A-60 A fuseblocks
- One hand release from DIN Rail (snap-to-release)
- Molded phenolic base

Ordering Information (Class T 300 V)

AMP RATING	CATALOG/SYSTEM NUMBER							TORQUE	WIRE RANGE	WIRE TYPE	BASE TEMP RATING	SNAP TO RELEASE
	BASE SYSTEM NUMBER	POLES			TERMINAL SUFFIX							
		1	2	3	BOX LUG	PRESSURE PLATE	SCREW					
30	LFT30030	1	2	3	C	—	—	5.6 N-m (50 in-lbs) 2.8 N-m (25 in-lbs)	2-4 AWG 6-14 AWG	CU-AL Solid/Stranded	125°C	●
60	LFT30060	1	2	3	C	—	—	5.6 N-m (50 in-lbs) 2.8 N-m (25 in-lbs) 13.6 N-m (120 in-lbs)	2-4 AWG 6-14 AWG 2/0-6 AWG			
100	LFT30100	1	—	3	CS	—	—	4.5 N-m (40 in-lbs) 4.0 N-m (35 in-lbs)	8 AWG 10-14 AWG		130°C	—
200	LFT30200	1	—	3	CS	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6			
400	LFT30400	1	—	3	CS	—	—	(2) 31.1 N-m (275 in-lbs)	250 kcmil-6			
600	LFT30600	1	—	3	CS	—	—	(2) 42.4 N-m (375 in-lbs)	500 kcmil-6			

Ordering Information (Class T 600 V)

AMP RATING	CATALOG/SYSTEM NUMBER							TORQUE	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE
	BASE SYSTEM NUMBER	POLES			TERMINAL SUFFIX								
		1	2	3	BOX LUG	PRESSURE PLATE	SCREW						
30	LFT60030	1	2	3	C	P	S	5.6 N-m (50 in-lbs) 2.8 N-m (25 in-lbs)	2-4 AWG 6-14 AWG	* see note	CU-AL Solid/Stranded	125°C	●
60	LFT60060	1	2	3	C	—	—	5.6 N-m (50 in-lbs) 2.8 N-m (25 in-lbs)	2-4 AWG 6-14 AWG				
100	LFT60100	1	—	3	CS	—	—	13.6 N-m (120 in-lbs) 4.0 N-m (40 in-lbs)	2/0-6 AWG 8 AWG			130°C	—
200	LFT60200	1	—	3	CS	—	—	4.0 N-m (35 in-lbs) 31.1 N-m (275 in-lbs)	10-14 AWG 250 kcmil-6				
400	LFT60400	1	—	3	CS	—	—	(2) 31.1 N-m (275 in-lbs)	250 kcmil-6				
600	LFT60600	1	—	3	CS	—	—	(2) 42.4 N-m (375 in-lbs)	500 kcmil-6				

*Wire Type for Pressure Plate and Screw Terminal is CU only

- Steel reinforcing springs supplied as standard in order to provide low resistance connection and long-range reliability
- Larger blocks employ integral heat sink for maximum heat dissipation
- Universal mounting holes make for easy replacement

Specifications

Voltage Ratings:	300 VAC/600 VAC
Ampere Ratings:	0 – 600 A
Leakage Current:	<0.6 mA at 600 V
Withstand Rating:	200 kA RMS SYM
Flammability Rating:	UL94 V-0
Approvals:	UL Listed (File No. E14721) CSA Certified (File No. LR73091)

Recommended Fuses

300 V: JLLN pg. 30

600 V: JLLS pg. 30

Designed for use with miniaturized Class T fuses. Class T fuses are fast acting, current-limiting, and approximately one-third the size of electrically comparable Class RK1 fuse.

Web Resources

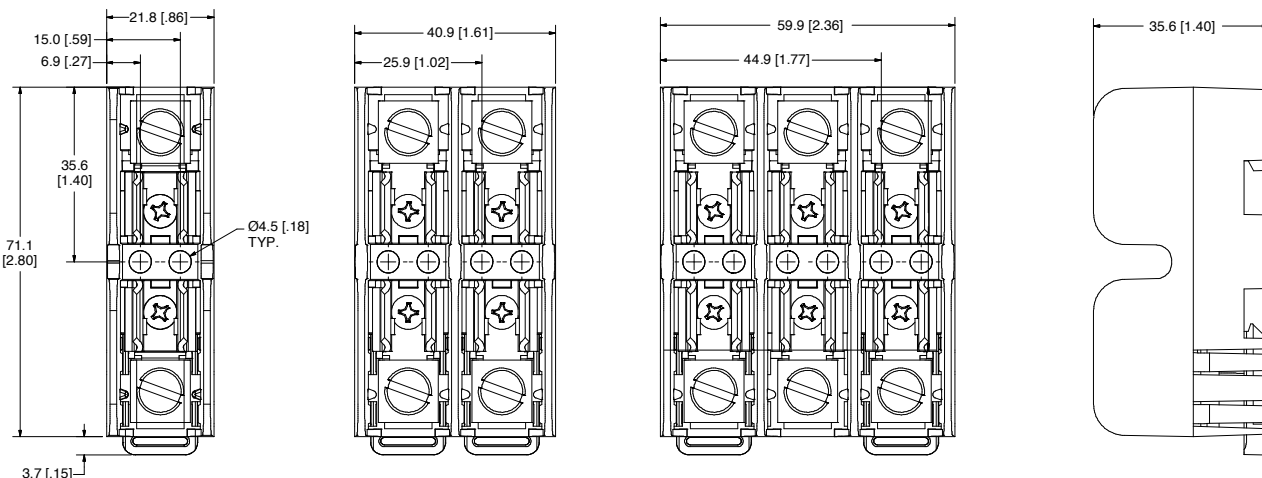
Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/lft

www.littelfuse.com/fuseblocks

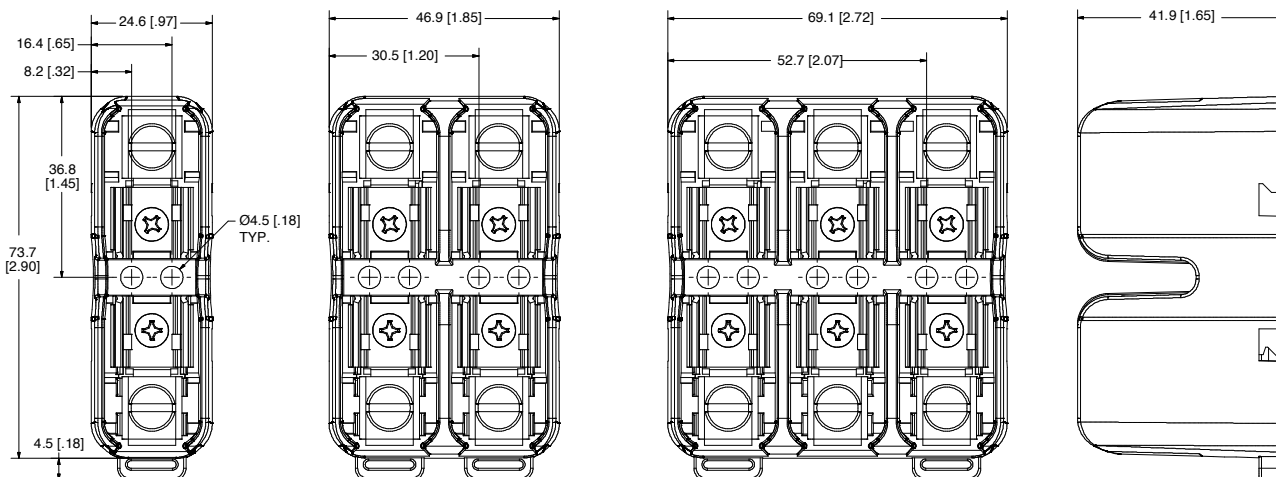
CLASS T FUSEBLOCKS DIMENSIONS

Dimensions in mm (inches)

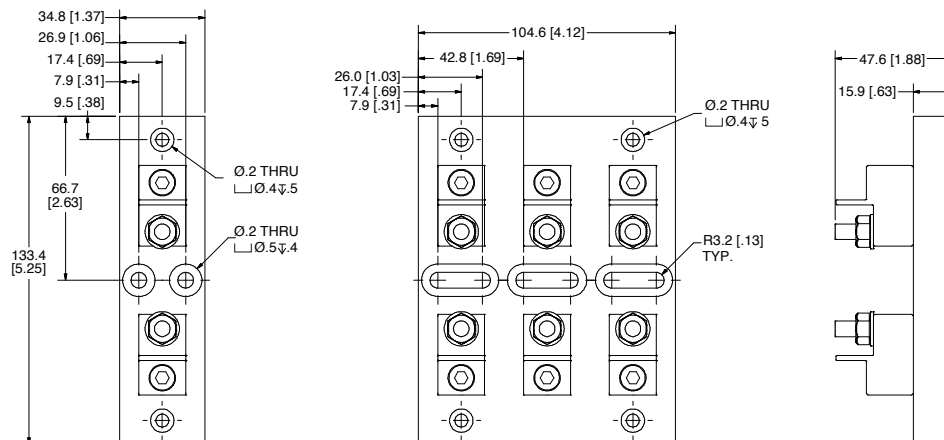
300 V 30 A



300 V 60 A



300 V 100 A

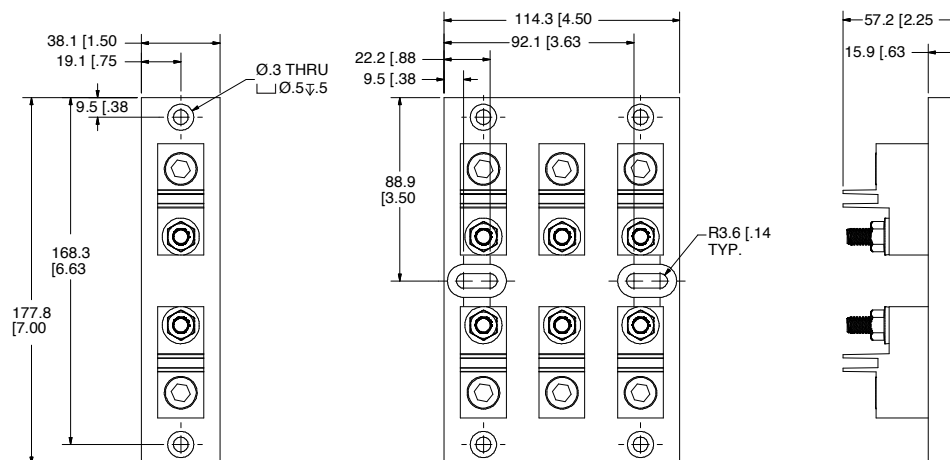


Dimensions available at www.littelfuse.com/fuseblocks

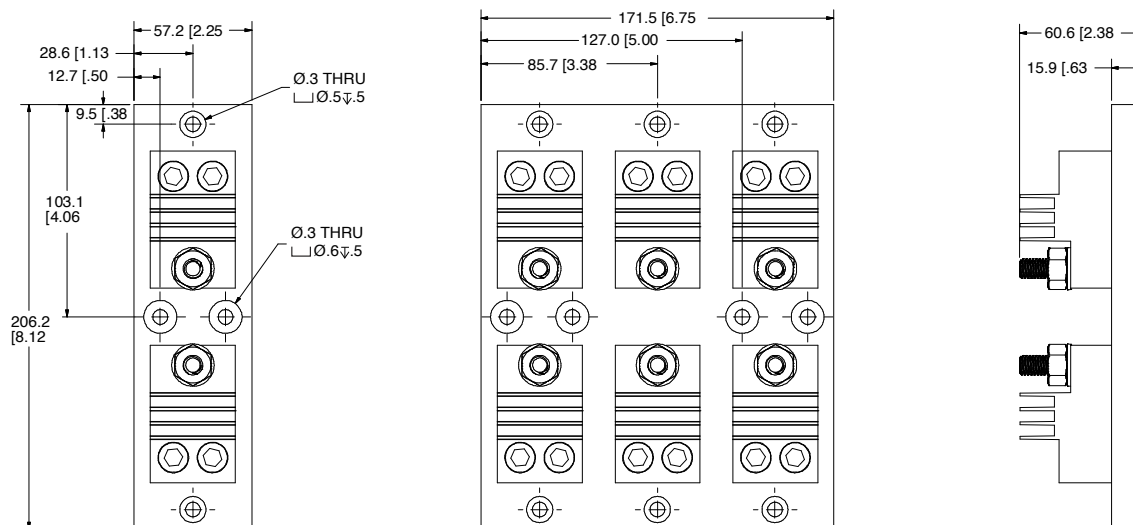
CLASS T FUSEBLOCKS DIMENSIONS

Dimensions in mm (inches)

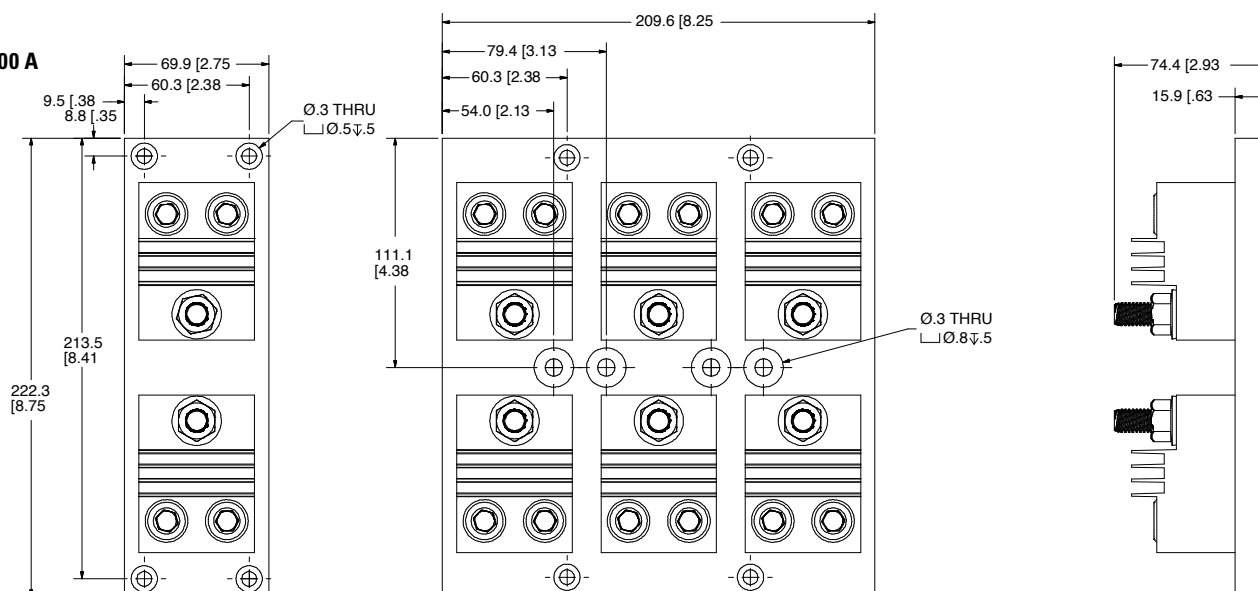
300 V 200 A



300 V 400 A



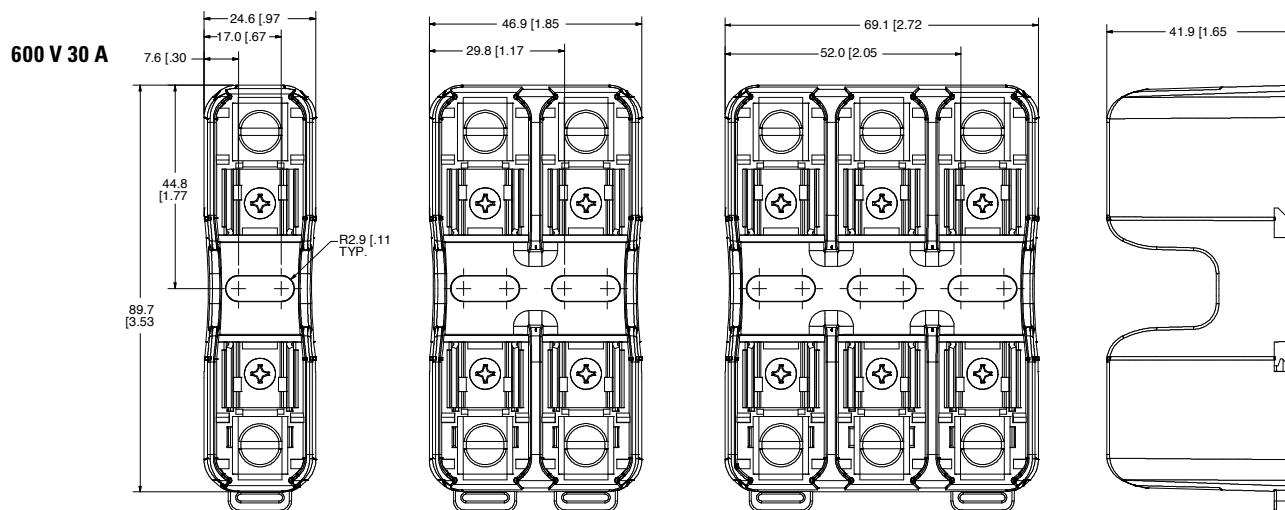
300 V 600 A



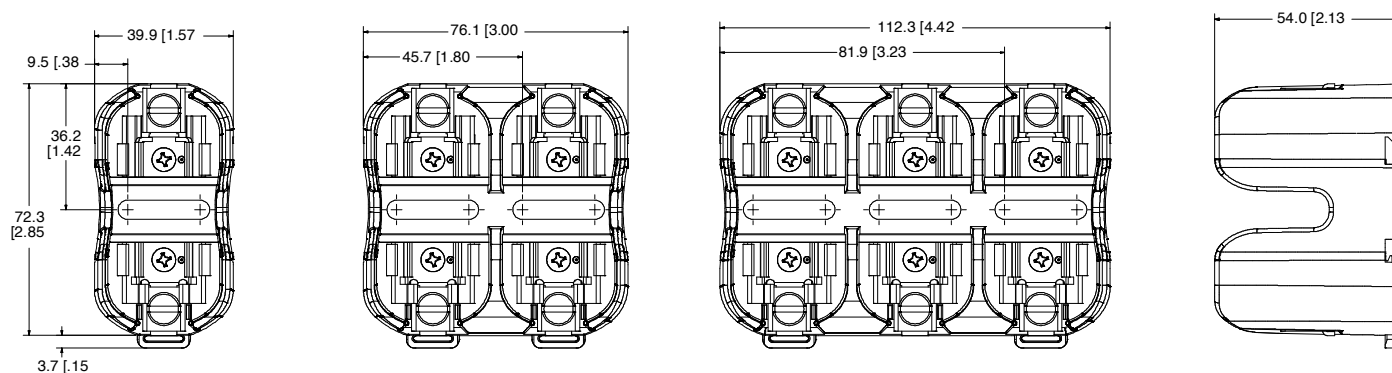
Dimensions available at www.littelfuse.com/fuseblocks

CLASS T FUSEBLOCKS DIMENSIONS

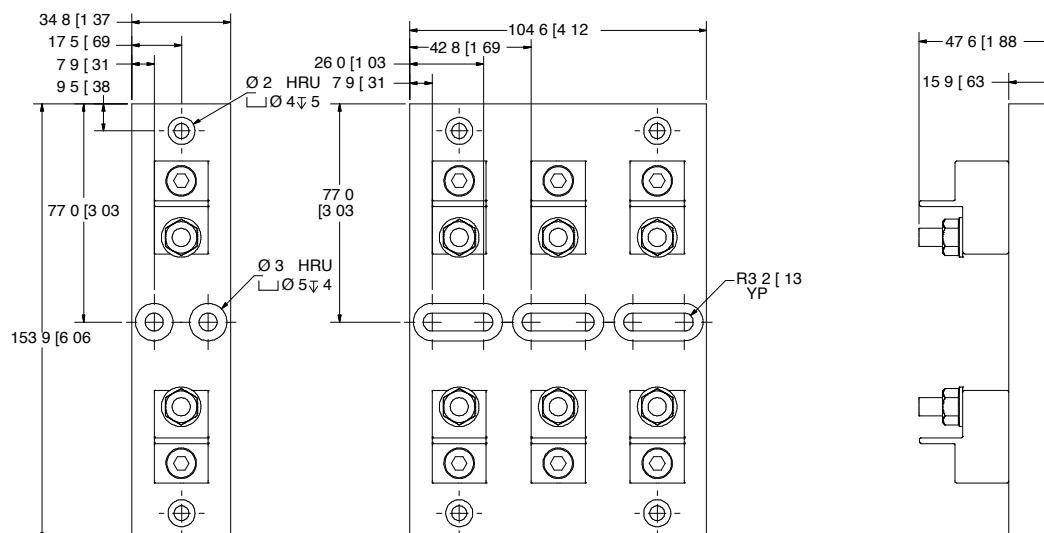
Dimensions in mm (inches)



600 V 60 A



600 V 100 A

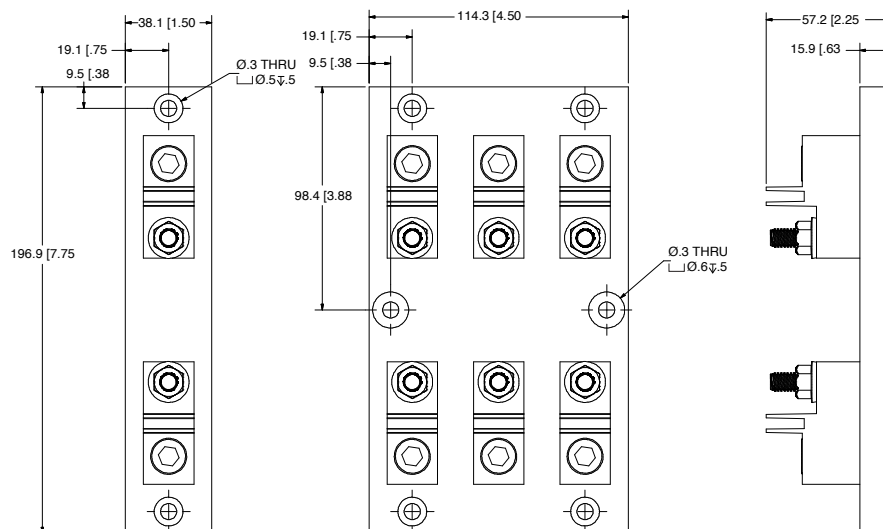


Dimensions available at www.littelfuse.com/fuseblocks

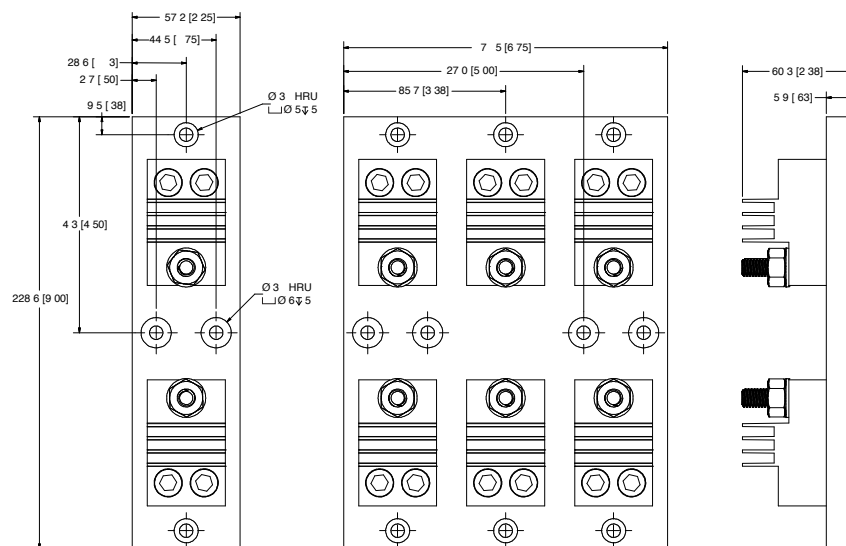
CLASS T FUSEBLOCKS DIMENSIONS

Dimensions in mm (inches)

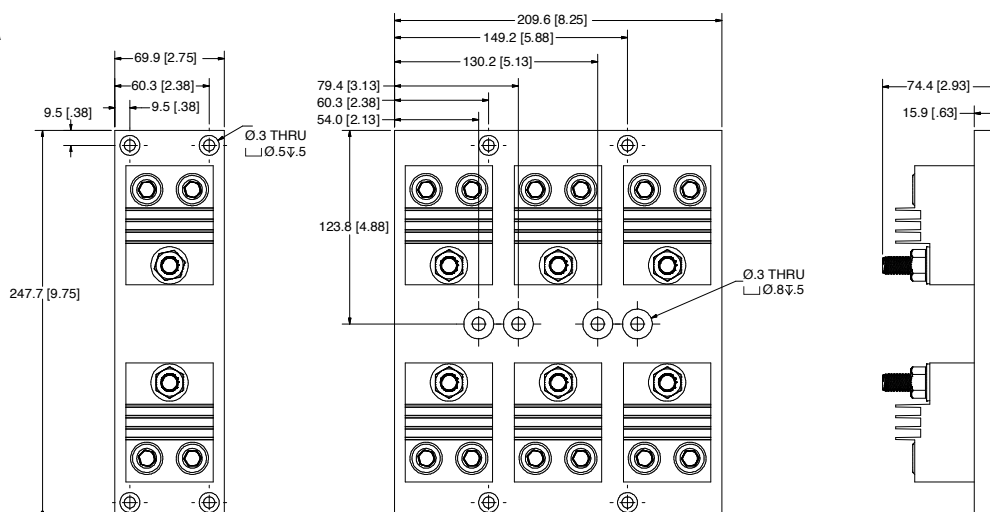
600 V 200 A



600 V 400 A



600 V 600 A



Dimensions available at www.littelfuse.com/fuseblocks

CLASS G FUSEBLOCKS



Description

Several Littelfuse Class G fuseblocks offer snap-to-release DIN Rail Mounting feature and universal mounting holes. Class G fuseblocks are designed for use with time-delay current limiting Class G fuses.

Features/Benefits

- Meet requirements for branch circuit protection
- One hand release from DIN Rail (snap-to-release) for several blocks
- Universal mounting holes make for easy replacement

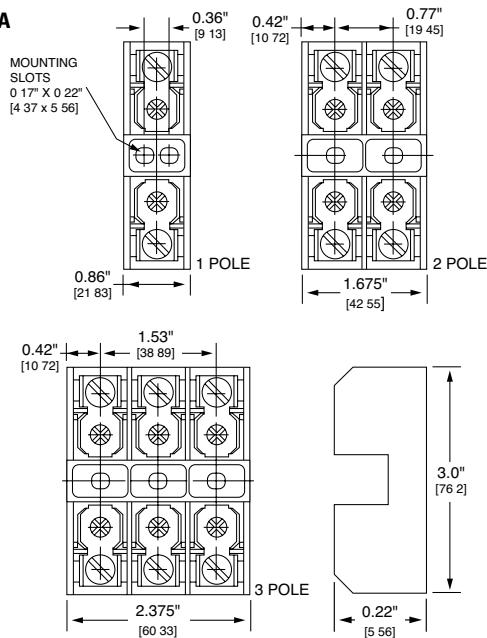
Recommended Fuses

SLC series fusespg. 32

See page 103 for Class G 30 A DIN Releasable Fuseblock Drawings

Dimensions in inches (mm)

600 V 15 & 20 A (NON DIN)



Specifications

Voltage Ratings: 600 VAC (0–20 A)
480 VAC (25–60 A)

Ampere Ratings: 0–60 A

Approvals: 15, 20 & 30 A: UL Listed (File No. E14721)
60 A: UL Listed (File No. E14853)
15, 20 & 30 A: CSA Certified (File No. LR7316)
60 A: CSA Certified (File No. LR47235)

Ordering Information

AMP RATING	POLES	CATALOG/SYSTEM NUMBER				MAXIMUM WIRE SIZE	SNAP TO RELEASE
		BASE PART NUMBER	BOX LUG	PRESSURE PLATE	SCREW		
15*	1	LG30015-1			S	#10 CU	•
	2	LG30015-2			S		•
	3	LG30015-3			S		•
20*	1	LG30020-1			S	#10 CU	•
	2	LG30020-2			S		•
	3	LG30020-3			S		•
30*	1	L30030G-1		P	S	#10 CU	•
	2	L30030G-2		P	S		•
	3	L30030G-3		P	S		•
60	1	LG30060-1	C			#2 CU-AL	•
	2	LG30060-2	C				•
	3	LG30060-3	C				•

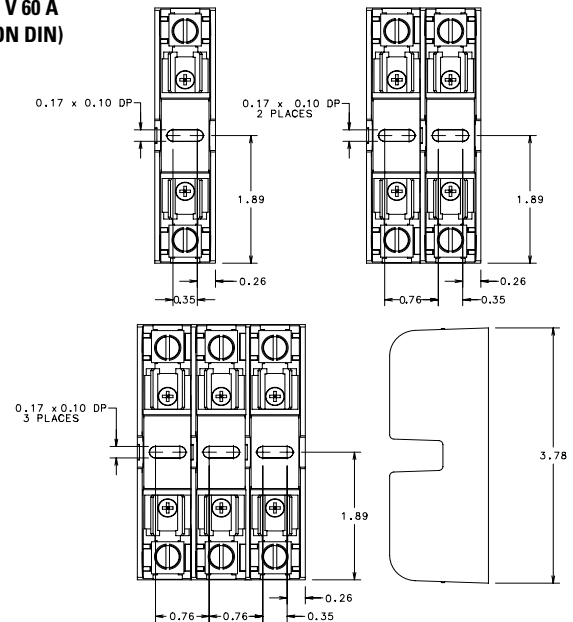
* 15, 20 & 30 A Class G fuseblocks are equipped with 20 A Quick Connect Terminals. 60 A fuseblock equipped with reinforcing spring as standard.

Web Resources

For additional technical information visit:

www.littelfuse.com/fuseblocks

480 V 60 A (NON DIN)



Note: Refer to the Midget/Class CC Fuseblocks for DIN Releasable Class G Block dimensions.

CLASS CC/CD AND MIDGET (10 X 38 mm) FUSEBLOCKS

600 V



Description

Space-saving 600 volt, 30 amp molded case fuseblocks 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.

Features/Benefits

- DIN Rail (snap-to-release) mountable optional
- Universal mounting holes for easy replacement
- Rejection feature that 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 A
- High-strength, high-temperature material to minimize block breakage during handling and installation, as well as damage caused by overheating
- Reduced resistance and heat
- One-piece copper alloy fuse clips have lower resistance than traditional two-piece brass or phosphor bronze fuse clips, which minimizes heat rise and watts loss within the fuseblock
- Non DIN Rail fuseblocks have interlocking feature allowing ganging to produce a fuseblock with any number of poles
- Flexible terminal arrangements—30 A Class CC and Midget fuseblocks are available with type C box lug, type SQ screw, or type PQ pressure plate terminals

Specifications

Voltage Rating:	600 VAC/600 VDC
Ampere Ratings:	L60030C: 30 A
	L60030M: 30 A
	L60060C: 60 A
Dielectric strength:	1200 V minimum
Clip/terminals:	Tin-plated copper alloy
Box lug:	Copper
Screw and captive pressure plate:	Zinc-plated steel
Base:	Thermoplastic UL94 V-0 flammability rating
Approvals:	Class CC/CD: UL Listed (File No. E14721)
	Midget: UL Recognized (File No. E14721)
	Class CC/Midget: CSA Certified (File No. LR7316)

For Touch Safe Class CC/Midget fuseholders, see pg 108.

Recommended Fuses

Class CC Blocks:

CCMR.....	pg. 33
KLDR	pg. 34
KLKR	pg. 34

Midget Blocks:

BLF	pg. 38
BLN	pg. 38
BLS	pg. 39
FLA	pg. 39
FLM	pg. 38
FLQ	pg. 38
FLU	pg. 39
KLK	pg. 38
KLKD	pg. 38
KLQ	pg. 39

Class CD Blocks:

CCMR.....	pg. 33
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Web Resources

For additional technical information visit:

www.littelfuse.com/fuseblocks

CLASS CC/CD AND MIDGET (10 X 38 mm) FUSEBLOCKS

600 V

Class CC 30 A Fuseblocks

AMP RATING	POLES	CATALOG/ SYSTEM #		CONNECTOR TYPE (ADD SUFFIX SHOWN)	MAX. WIRE SIZE
		NON-DIN*	DINR		
30	1	L60030C1C	L60030C1CDINR	Box Lug	#6 CU
	2	L60030C2C	L60030C2CDINR		
	3	L60030C3C	L60030C3CDINR		
30	1	L60030C1PQ	L60030C1PQDINR	Pressure Plate/ Q. C. Terminal	#10 CU
	2	L60030C2PQ	L60030C2PQDINR		
	3	L60030C3PQ	L60030C3PQDINR		
30	1	L60030C1SQ	L60030C1SQDINR	Screw/ Q. C. Terminal	#10 CU
	2	L60030C2SQ	L60030C2SQDINR		
	3	L60030C3SQ	L60030C3SQDINR		

* Gangable

Note: Quick Connect Terminals are rated at 20 A.

See page 103 for Class CC and Midget DIN Releasable Fuseblock Drawings

Midget 30 A Fuseblocks

AMP RATING	POLES	CATALOG/SYSTEM #		CONNECTOR TYPE (ADD SUFFIX SHOWN)	MAX. WIRE SIZE
		NON-DIN*	DINR		
30	1	L60030M1C	L60030M1CDINR	Box Lug	#6 CU
	2	L60030M2C	L60030M2CDINR		
	3	L60030M3C	L60030M3CDINR		
30	1	L60030M1PQ	L60030M1PQDINR	Pressure Plate/ Q. C. Terminal	#10 CU
	2	L60030M2PQ	L60030M2PQDINR		
	3	L60030M3PQ	L60030M3PQDINR		
30	1	L60030M1SQ	L60030M1SQDINR	Screw/ Q. C. Terminal	#10 CU
	2	L60030M2SQ	L60030M2SQDINR		
	3	L60030M3SQ	L60030M3SQDINR		

* Gangable

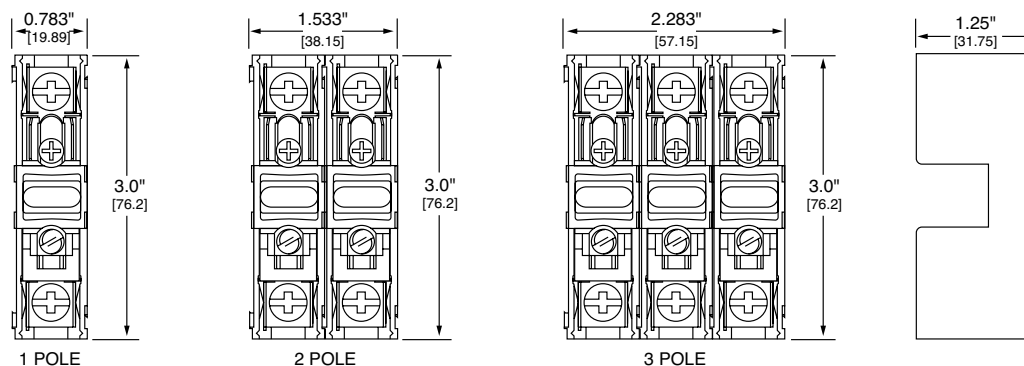
Note: Quick Connect Terminals are rated at 20 A.

Class CD 60 A Fuseblocks

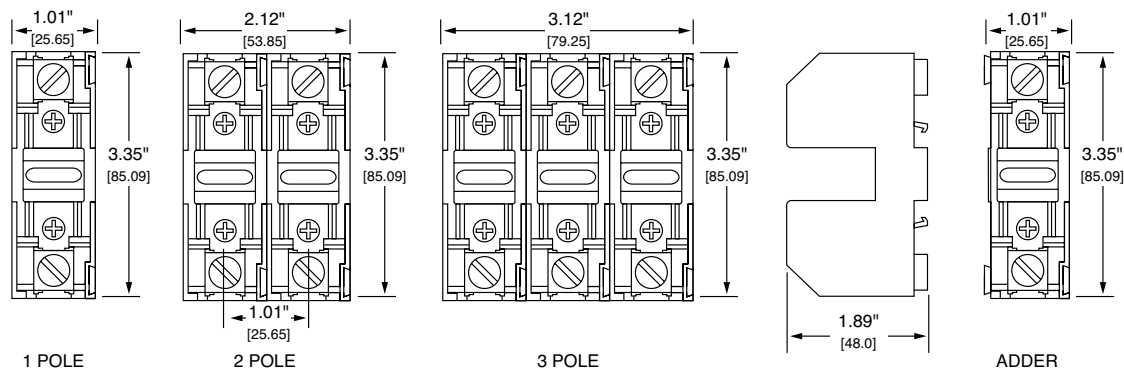
AMP RATING	POLES	CATALOG/SYSTEM NUMBER	CONNECTOR TYPE (ADD SUFFIX SHOWN)	MAX. WIRE SIZE
60	1	L60060C-1C	Box Lug	#6 CU
	2	L60060C-2C		
	3	L60060C-3C		

Dimensions in inches (mm)

600 V 30 A (NON DIN)



600 V 60 A



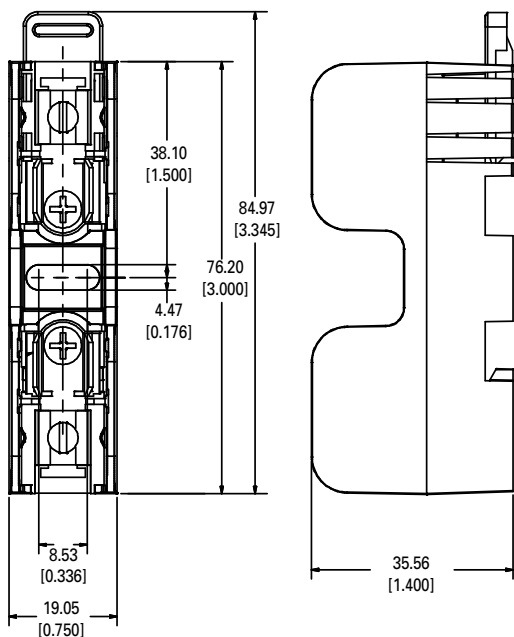
CLASS CC/CD AND MIDGET (10 X 38 mm) FUSEBLOCKS

Dimensions of DIN Rail Mountable Class CC, Class G, and Midget Fuseblocks

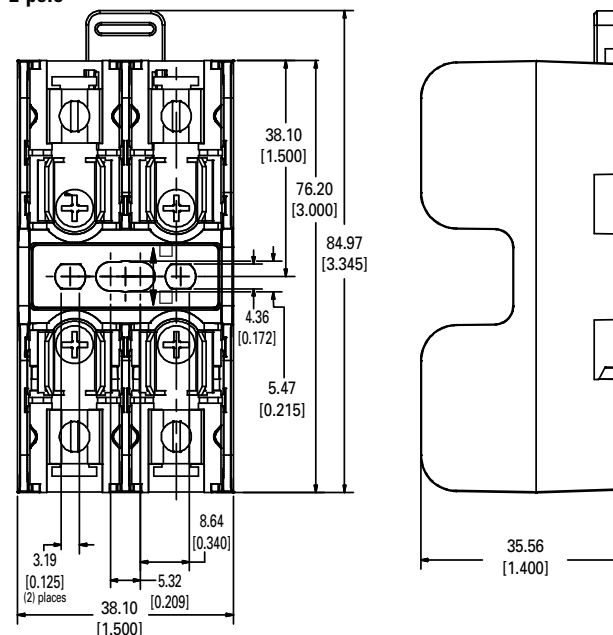
Dimensions in mm (inches)

600 V 30 A

1-pole

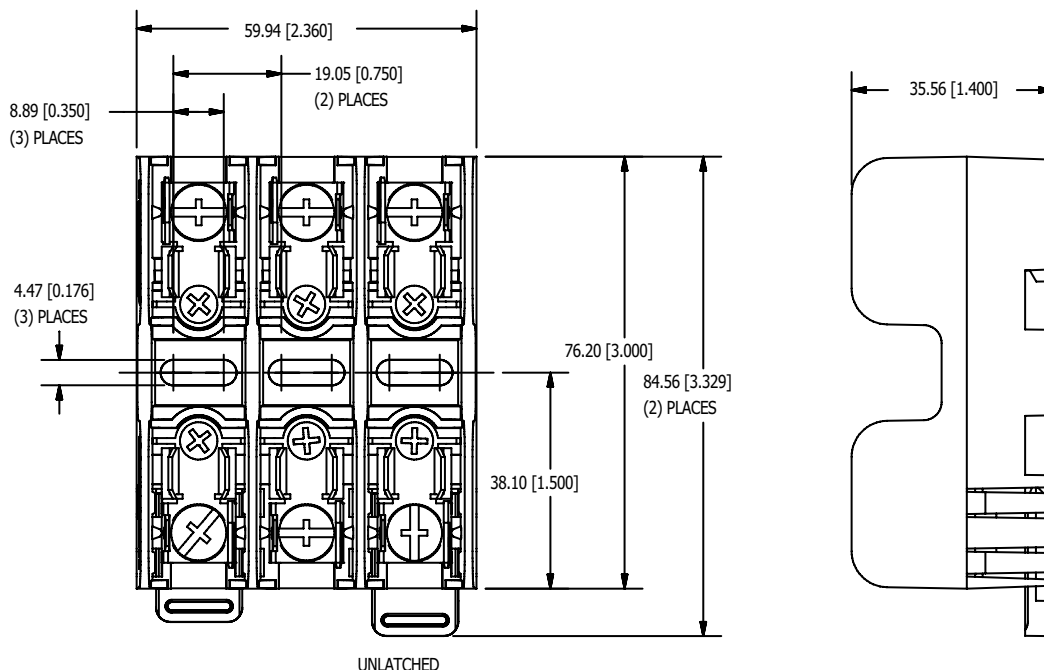


2-pole



600 V 30 A

3-pole



Dimensions available at www.littelfuse.com/fuseblocks

BOARD MOUNT MIDGET HOLDER (10 X 38 mm)



Description

The PC board-mounted midget fuseholder is a one-piece holder designed to provide a more robust and secure solution. It offers a smaller footprint and flexible mounting options.

For use with Midget-style fuses and fuse covers, it is UL Recognized and can be covered for additional protection.

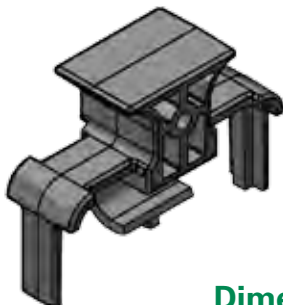
Features/Benefits

- Through hole PCB mounting
- Robust and secure block design
- All-in-one package offers easy installation
- Space saving footprint
- Touch Safe cover/puller available
- 3-pole configurations

Applications

- HVAC market
- Industrial manufacturing
- Mass production facilities

SPL001PCB Cover



Dimensions in mm (inches)

Specifications

Voltage Rating:	600 VAC/600 VDC
Amperage Rating:	30 A
Approval:	UL Recognized (File No. E14721)
Mounting Method:	Through hole solder/PCB

Ordering Information

	CATALOG NUMBER	SYSTEM NUMBER
Block	L60030M3PCB	L60030M3PCB
Cover*	SPL001PCB	SPL0001PCBT

*Covers are single pole—need to order a Quantity of 3 for each block.

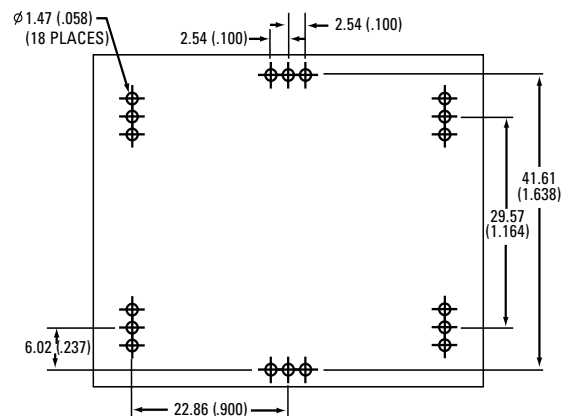
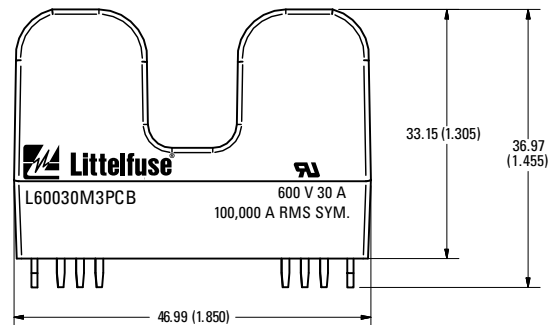
Recommended Fuses

Midget (10 x 38 mm) series pg 38-39

Web Resources

For additional technical information visit:
www.littelfuse.com/fuseblocks

Dimensions in mm (inches)



CLASS CC AND MIDGET FUSEBLOCK ACCESSORIES

FBDIN1 Rail Adapter



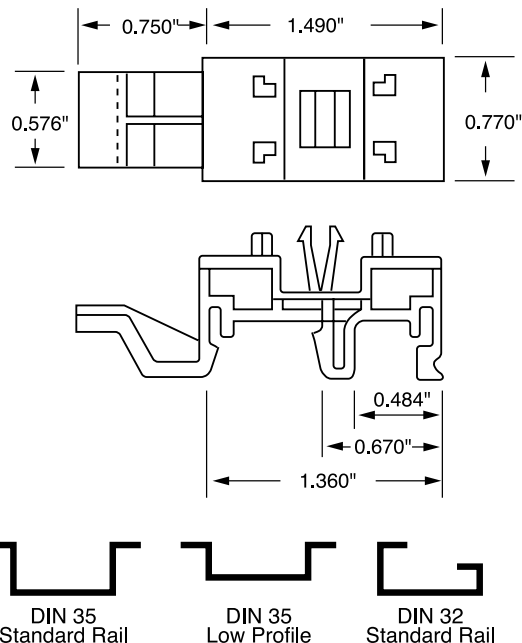
Features/Benefits

- DIN Rail adaptor for 30 A Midget, Class CC and Class G fuseblocks
- Patented design with no tools necessary for installation
- Permits snap-mounting of Class CC, Class G and Midget 30 A fuseblocks to standard and low profile 35 mm symmetrical DIN rails and 32 mm asymmetrical DIN rails
- Easy removal via disconnect tab

Web Resources

For additional technical information visit:
www.littelfuse.com/fbdin1

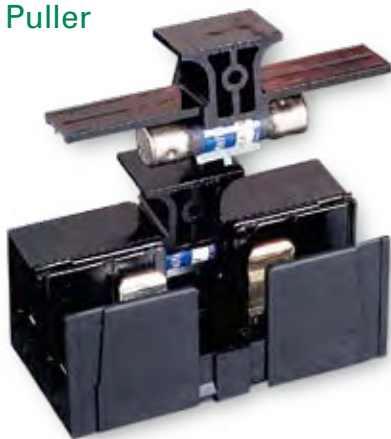
Dimensions in inches



Recommended Fuseblocks

Midget-Style and Class CCpg. 101-102
 Class G pg. 100
 New DIN rail mountable fuse holders available on page 101

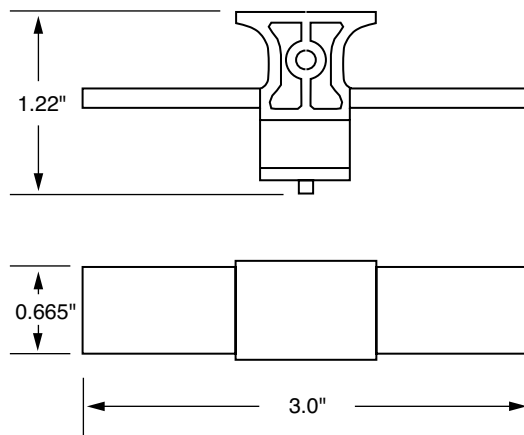
SPL001 Cover Puller



Features/Benefits

- 600 V 1/4-30 A Class CC and Midget fuse cover puller that offers increased protection when removing fuses
- Simple removal without the need for a separate puller
- Meets Dead Front requirements
- Easily gangable with 1/8" diameter wire
- For use with all 600 V Class CC and Midget 1/4-30 A fuses
- Label provided for easy fuse identification

Dimensions in inches



Recommended Fuseblocks

L60030Cpg. 102
 L60030Mpg. 102

Web Resources

For additional technical information visit:
www.littelfuse.com/spl001

SPFRHV FUSEHOLDER

1000 VDC Fuseholder



Specifications

Voltage Rating:	1000 VDC
Ampere Rating:	400 A
Approvals:	UL Recognized 1000 VDC UL 4248 (File No. E14721) CSA (File No. 29862)
Fuse Type:	SPFR Series

Ordering Information

CATALOG/SYSTEM NUMBER	CURRENT
SPFRHV4001ST	250 A–400 A

Note: SPFRHV4001ST fits SPFR 250–400 A fuses.

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/spfrhv

More information about solar applications and fuseholder details: www.littelfuse.com/green

Recommended Fuses

SPFR Series pg. 23



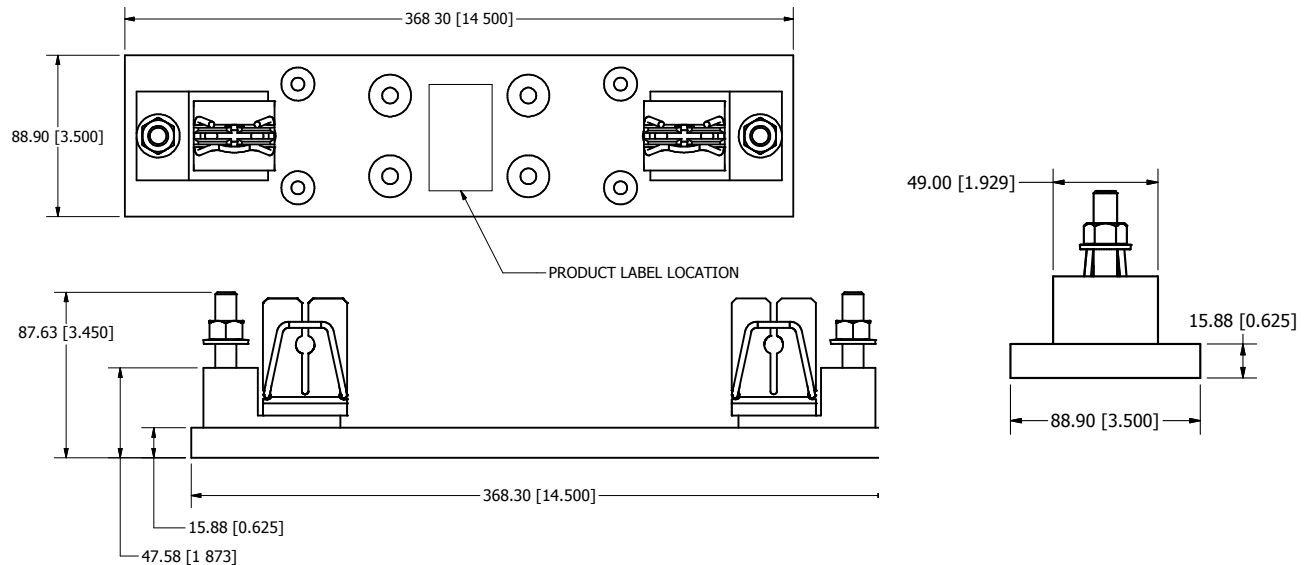
Description

The Littelfuse SPFRHV fuseholder is designed to house Littelfuse high amperage (250–400 A) SPFR fuses.

Features/Benefits

- Houses 250 A, 300 A, 350 A, and 400 A fuses offering protection up to 1000 VDC
- Hard plastic body is durable and compact

Dimensions in mm (inches)



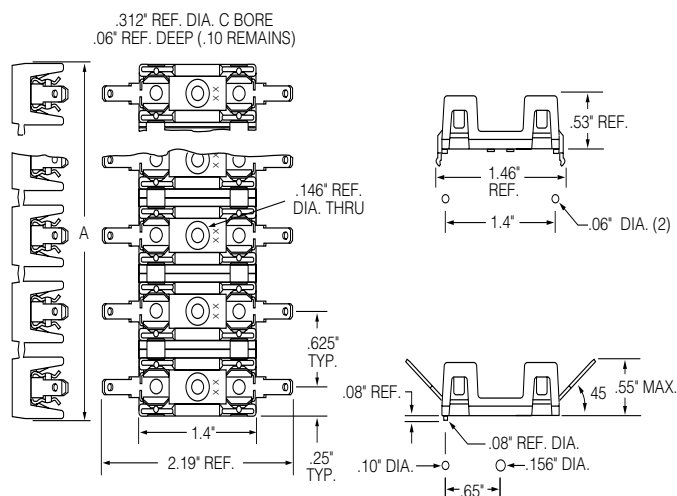
Look for this logo to indicate products that are used in solar applications. Visit our website www.littelfuse.com/green for the latest updates on approvals, certifications, codes and standards.

3AG OMNI BLOCK®

3AG OMNI-BLOK (Molded Base Type Fuseblock)



Dimensions in inches



Description

A low profile fuseblock featuring individual barriers that reinforce the fuse clips while providing greater protection against clip damage and electrical shock. The unique design permits self-alignment of clips to fuse cap. This, plus a one-piece clip/terminal, assures low contact resistance.

Specifications

Dielectric Strength	1500 V Minimum
Clip/Terminals	Tin-Plated Spring Brass; two different style clips can be supplied for circuit identity or polarization
Base	Glass reinforced Thermoplastic; • UL94 V-0 flammability rating • Gray color (GY) for anti-rotational series, black color for all others

Ambient Temperature -40°C to +85°C

Ordering Information

CATALOG NUMBER	TERMINALS	VOLTAGE	CURRENT RATING	
			UL	CSA
354 000	Solder	300 V*	30 A	30 A
354 600	3/16" Q.C.	300 V	20 A	20 A
354 800	1/4" Q.C.	300 V	20 A	20 A
354 900	1/4" Q.C.	300 V	30 A	25 A
354 101-GY	P.C. Board	300 V	15 A	15 A

*30 A capability is based on temperature rise with #10 AWG wire properly soldered.

Recommended Fuses

3AG pg. 42

Web Resources

For additional technical information visit:
www.littelfuse.com/fuseblocks

Technical

SOLDER TYPE TERMINALS	3/16" Q.C. TERMINALS†	1/4" Q.C. TERMINALS	1/4" Q.C. TERMINALS†	POLES	DIM "A"
354 001GY	354 601GY	354 801GY	354901GY	1	.50"
354 002GY	354 602GY	354 802GY	354902GY	2	1.12"
354 003GY	354 603GY	354 803GY	354 903GY	3	1.75"
354 004 GY	354 604GY	354 804 GY	354 904GY	4	2.38"
354 005GY	354 605GY	354 805GY	354 905GY	5	3.00"
354 006GY	354 606GY	354 806GY	354 906GY	6	3.63"
354 007GY	354 607GY	354 807GY	354 907GY	7	4.25"
354 008GY	354 608GY	354 808GY	354 908GY	8	4.88"
354 009GY	354 609GY	354 809GY	354 909GY	9	5.50"
354 010GY	354-610GY	354 810GY	354 910GY	10	6.13"
354 011GY	354 611GY	354 811GY	354 911GY	11	6.75"
354012GY	354 612GY	354 812GY	354912GY	12	7.38"
354021BL†	354 621BL†	354 821BL†	354921BL†	1	.50"
354101GY	—	—	—	1	.50"

†NEMA style

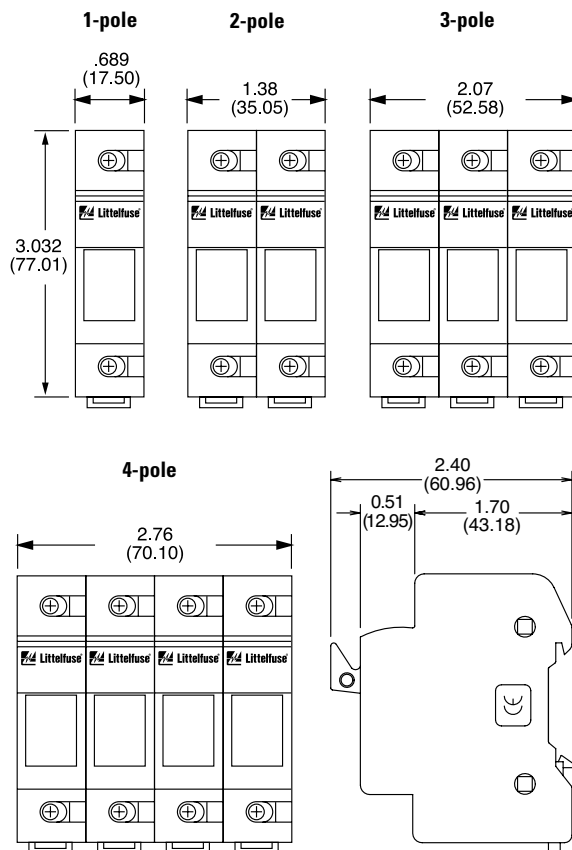
DEAD FRONT LPSC/LPSM POWR-SAFE FUSEHOLDERS



Description

Littelfuse POWR-SAFE Dead Front holders provide optimum protection to personnel for Class CC and Midget-Style fuses.

Dimensions in inches (mm)



Features/Benefits

- Indicating and non-indicating options available
- 1-, 2-, 3- and 4-pole configurations
- Easy installation and fuse removal with no additional pullers or tools required
- 35 mm DIN Rail Mountable
- Ventilated design for cooler operation

Specifications

Voltage Rating:	600 VAC/DC
Ampere Rating:	30 A
Interrupting Rating:	200 kA (Class CC) 100 kA (Midget)
Terminal Type:	Pressure plate
Suggested Torque:	17.7 in-lbs
Wire Range:	#8–#14 CU
Material:	Thermoplastic
Flammability Rating:	UL94 V-0
Approvals:	UL Listed (LPSC File No. E14721) UL Recognized (LPSM File No. E14721) CSA Certified (LPSC/LPSM File No. LR7316) CE Certified

Ordering Information

INDICATING CATALOG/SYSTEM#	NON-INDICATING CATALOG/SYSTEM#	FUSE TYPE	POLES
LPSC001ID	LPSC0001ZXID	Class CC	1
LPSC002ID	LPSC0002ZXID	Class CC	2
LPSC003ID	LPSC0003ZXID	Class CC	3
LPSC004ID	LPSC0004ZXID	Class CC	4
LPSM001ID	LPSM0001ZXID	Midget	1
LPSM002ID	LPSM0002ZXID	Midget	2
LPSM003ID	LPSM0003ZXID	Midget	3
LPSM004ID	LPSM0004ZXID	Midget	4

Multi-pole Assembly Kit: System No. CYHP001
(Kit contains 20 connector pincers and 10 handle pins.)
Pincer: CYHP002
Pin: CYHP003

For information on Class CC/Midget fuseblocks, see pg. 101-103.

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/lpsc
www.littelfuse.com/lpsm

Recommended Fuses

Class CC	pg. 33-35
Midget-Style (10 X 38 mm)	pg. 38-39

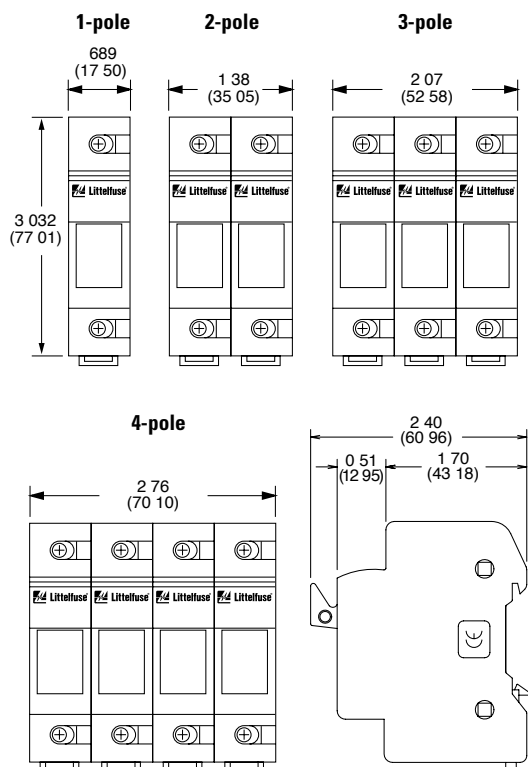
1000 VDC LPHV FUSEHOLDER



Description

The Littelfuse LPHV fuseholder is designed to house 1000 V SPF solar and FLU fuses. It is not designed for load break but is ideal for isolating photovoltaic module strings for maintenance and meets UL requirements for 1000 V solar fuse protection.

Dimensions in inches (mm)



Look for this logo to indicate products that are used in solar applications. Visit our website www.littelfuse.com/green for the latest updates on approvals, certifications, codes and standards.

Features/Benefits

- Touch-safe design offers protection when replacing fuses
- Compact design
- 35 mm DIN Rail Mountable
- Available in 1-, 2-, 3- and 4-pole configurations
- No fuse pullers or tools required for fuse removal
- RoHS Compliant and Pb free

Specifications

Voltage Ratings:	1000 VDC
Amperage Rating:	30 A
Approval:	Self-certified with SPF and FLU fuses
Wire Range:	#8 - 14 CU 75 C
Terminal Type:	Pressure Plate
Terminal Torque:	17.7 in-lbs
Fuse Type:	SPF and FLU midget (10 X 38 mm)
Material:	Thermoplastic
Flammability Rating:	UL94 V-0
SCCR Rating:	20 kA

Ordering Information

LPHV (1000 VDC)		
POLES	CATALOG NUMBER	SYSTEM NUMBER
1	LPHV001	LPHV0001Z
2	LPHV002	LPHV0002Z
3	LPHV003	LPHV0003Z
4	LPHV004	LPHV0004Z

Multi-pole assembly kit: CYHP001 (allows up to LPHV 10 holders to be connected). Kit contains 20 connector pincers and 10 handle pins
Pincer: CYHP002
Pin: CYHP003

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/lphv

More information about solar applications and fuseholder details: www.littelfuse.com/green

Recommended Fuses

1000 VDC SPF Fuses.....	pg. 37
1000 VAC/VDC FLU Fuses	pg. 39

BUS BAR SYSTEM

POWR Distribution



Description

A key objective for panel designers is safe distribution of power to multiple fuseholders in a compact design. The Littelfuse UL508 bus bar system eliminates most wire terminations in a timesaving package. A power distribution block and associated conductors are no longer needed to feed multiple POWR-SAFE fuseholders.

Features/Benefits

- Touch-safe design offers protection when replacing fuses
- Compact design
- 35 mm DIN Rail Mountable
- Available in one and three phase configurations
- No fuse pullers or tools required for fuse removal
- RoHS Compliant and Pb free
- Can be cut down to optimal size

Recommended Fuseholders

LPSM (600 V).....	pg. 108
LPSC (600 V).....	pg. 108
LPHV (1000 V).....	pg. 109

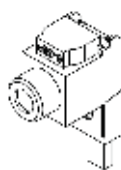
Web Resources

Downloadable CAD drawings and other technical information:
www.littelfuse.com/busbar

Accessories

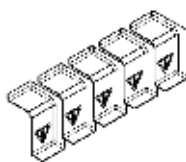
Power Feed Lug

Part Number: BB18
Ampere Rating: 115 A
Wire: #10 – 1/0 AWG copper
Torque: 50 lb-in



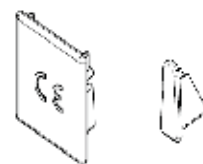
Pole Protective Covers

Part Number: CTP5
5 covers



Endcaps

Part Number: EDCP42 for Single Phase 50 piece bag
Part Number: EDCP7 for Three Phase 50 piece bag



Specifications

Voltage Ratings: 600 VAC/DC

Current Ratings:

CROSS SECTION (mm²)	18 mm²	25 mm²
END FED	80 A	100 A
CENTER FED	160 A	200 A

SCCR: 10 kA, 100 kA*

Conductor: Copper

Pitch: 17.8 mm

Approvals: UL508 File E328654

Environmentals: RoHS Compliant and Pb free

*When protected directly upstream by Class J 175 amperes max (18 mm² bus bar) and Class J 200 amperes max (25 mm² bus bar).

Ordering Information

1 PHASE, 18 mm²			1 PHASE, 25 mm²		
SYSTEM NUMBER	POLES	LENGTH (mm)	SYSTEM NUMBER	POLES	LENGTH (mm)
1PH3P18mm	3	50	1PH3P25mm	3	50
1PH6P18mm	6	104	1PH6P25mm	6	104
1PH9P18mm	9	155	1PH9P25mm	9	155
1PH12P18mm	12	208	1PH12P25mm	12	208
1PH15P18mm	15	270	1PH15P25	15	270
1PH57P18mm	57	1009	1PH57P25mm	57	1009

3 PHASE, 18 mm²			3 PHASE, 25 mm²		
SYSTEM NUMBER	POLES	LENGTH (mm)	SYSTEM NUMBER	POLES	LENGTH (mm)
3PH6P18mm	6	104	3PH6P25mm	6	104
3PH9P18mm	6	158	3PH9P25mm	9	158
3PH12P18mm	12	214	3PH12P25mm	12	214
3PH15P18mm	15	266	3PH15P25mm	15	266
3PH57P18mm	57	1009	3PH57P25mm	57	1009

End caps are standard with all 3 phase configurations except 57-pole meter length. End caps aren't needed for the 1 phase configurations from the factory or if the copper bus is trimmed per the supplied instructions. Power feed lugs and protective covers are extra.

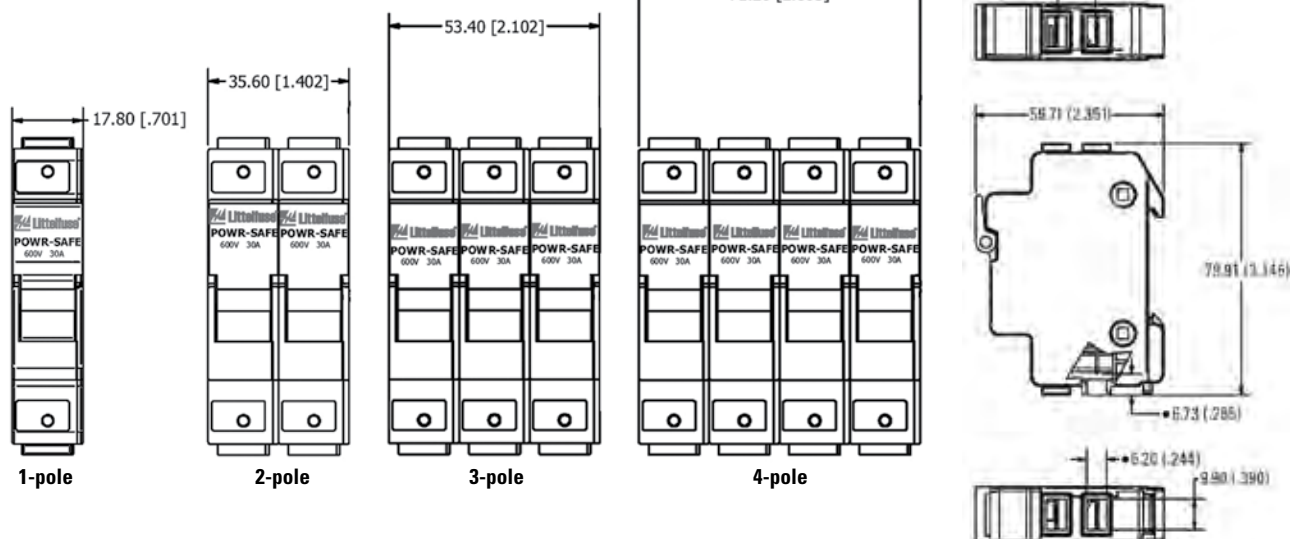
LPSM QUICK CONNECT POWR-SAFE FUSEHOLDERS



Description

The LPSM midget fuseholder series is a dead front design providing protection to personnel when installing and removing fuses. The compact fuseholder mounts quickly onto 35 mm DIN rail, decreasing panel layout and assembly time. This product has two Quick Connect terminals on both the top and bottom of the holder, offering an additional connection option. It is available in 1-, 2-, 3- and 4-pole configurations.

Dimensions in mm [inches]



Recommended Fuses

Midget-Style.....pg. 38-39

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/lpsmqc

Features/Benefits

- Dual 1/4" Quick Connect Terminals on Top and Bottom of Holder
- Meets Dead Front requirements
- Mountable on 35 mm DIN Rail
- Local LED Indication

Specifications

Voltage Rating:	600 VAC/DC
Amperage Rating:	30 A
Approval:	UL Recognized (File No. E14721), CSA Certified (File No. LR7316), CCC Approved
Terminal Type:	1/4" Quick Connect Terminals
Fuse Type:	Midget (10 X 38 mm) series
Material:	Thermoplastic
Flammability Rating:	UL94 V-0
SCCR Rating:	Same as Fuse Rating
Indication:	Indicating Fuseholder (LED)

Ordering Information

POLES	CATALOG NUMBER	SYSTEM NUMBER
1	LPSM001QCID	LPSM0001ZQCID
2	LPSM002QCID	LPSM0002ZQCID
3	LPSM003QCID	LPSM0003ZQCID
4	LPSM004QCID	LPSM0004ZQCID

Multi-pole Assembly Kit

Assembly kit is designed for use with LPSC/LPSM fuse holders. Kit contains 20 connector pincers and 10 handle pins.

Part No: CYHP001



UP-LINK™ REMOTE INDICATION FUSEHOLDER



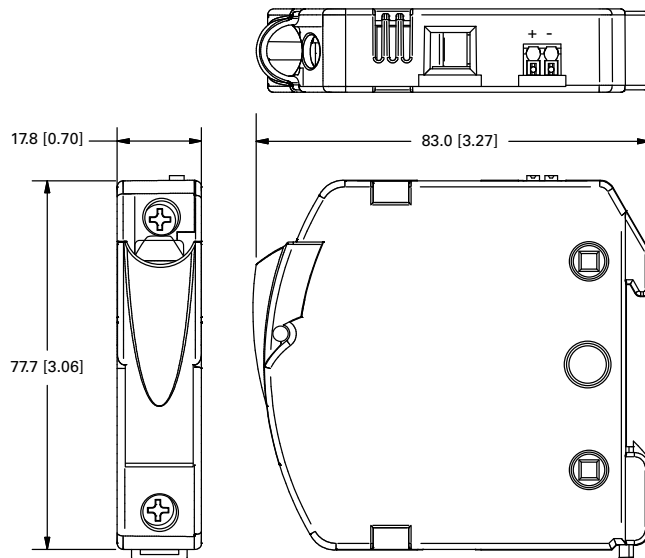
Description

The Littelfuse Up-LINK remote indicating fuseholder can be easily integrated with a PLC to offer remote notification when a fuse has opened. Accompanied with local LED indication, this reduces downtime by allowing instant communication and helping plant and maintenance personnel to quickly fix the problem.

Features/Benefits

- Cost effective solution for remote blown-fuse indication
- Easily integrates with an existing PLC or system
- Utilizes reliable solid state circuitry
- Meets stringent IEC and UL Touch-Safe Standards to improve worker safety

Dimensions in mm [inches]



Specifications

Voltage Rating:	600 VAC/DC
Amperage:	30 A max
SCCR:	200 kA AC (Class CC) 20 kA DC 100 kA (KLK Midget)
Terminal Type:	Pressure Plate (torque 17.7 in-lbs)
Wire Range:	#8-#14 CU Stranded #10-#14 CU Solid
Flammability Rating:	UL94 V-0
Approvals:	Class CC: UL Listed (File No. E14721) Midget: UL Recognized (File No. E14721) CSA Certified (File No. LR 7316)

Remote Indicating Circuit

Output (open fuse):	Open Collector
Max Current Sink:	25 mA (28 VDC Max)
Terminals:	Push In
Wire Range:	#16-#24 CU Solid/Stranded
Suggested Insulation Strip Length:	8 mm (0.31 in)

Ordering Information

CLASS CC		
POLES	PART NUMBER	SYSTEM NUMBER
1	LINK001C	LINK001C.Z
2	LINK002C	LINK002C.Z
3	LINK003C	LINK003C.Z
10 X 38 mm MIDGET		
POLES	PART NUMBER	SYSTEM NUMBER
1	LINK001M	LINK001M.Z
2	LINK002M	LINK002M.Z
3	LINK003M	LINK003M.Z

Web Resources

Training videos, downloadable CAD drawings, industry downtime reports and other technical information:
www.littelfuse.com/up-link

Recommended Fuses

Class CC.....	pg. 33-35
Midget-Style.....	pg. 38-39

QUICK-LINK ACCESSORY FOR UP-LINK™ FUSEHOLDER

Daisy Chain Connector



Description

Littelfuse Quick-LINK daisy chain connectors provide optimal utilization of multiple Up-LINK remote indicating fuseholders when integrated with a PLC. These four products are used in various combinations (examples noted in the ordering table) to daisy chain multiple Up-LINK units together and reduce the number of PLC I/O ports required.

Features/Benefits

- Requires only one PLC I/O port for multiple Up-LINK fuseholders
- Simple snap-in feature saves installation and assembly costs
- Allow for parallel connection of any number of Up-LINK fuseholders
- Only two wire connections required for use
- Compatible with Up-LINK remote indication fuseholder

Web Resources

Sample requests, and other technical information:
www.littelfuse.com/quick-link

FAQ Document for integration with Up-LINK Fuseholder
www.littelfuse.com/up-link

Specifications

Voltage Rating:	28 VDC
Amperage:	25 mA maximum current
Approvals:	UL Listed materials

Ordering Information

POLES	TYPE	PART NUMBER
2	Base	LK2M30B
2	Extender	LK2M30E
3	Base	LK3M30B
3	Extender	LK3M30E

QUANTITY NEEDED (BY PART NUMBERS)				
UP-LINK POLES	LK2M30B	LK3M30B	LK2M30E	LK3M30E
2	1			
3		1		
4	1		1	
5		1	1	
6		1		1
7		1	2	
8		1	1	1
9		1		2
10		1	2	1

DEAD FRONT CLASS J POWR-SAFE FUSEHOLDERS



Description

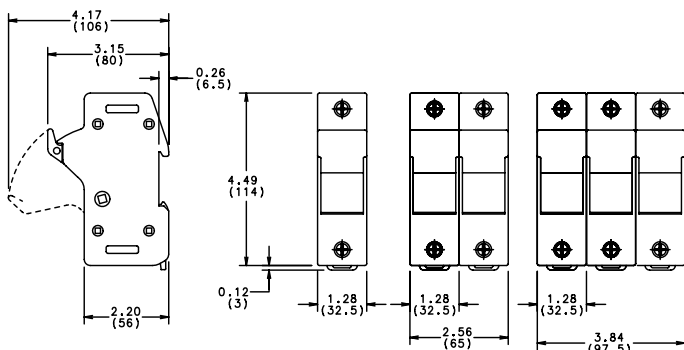
Littelfuse Class J POWR-SAFE Dead Front holders provide optimum protection to personnel.

Features

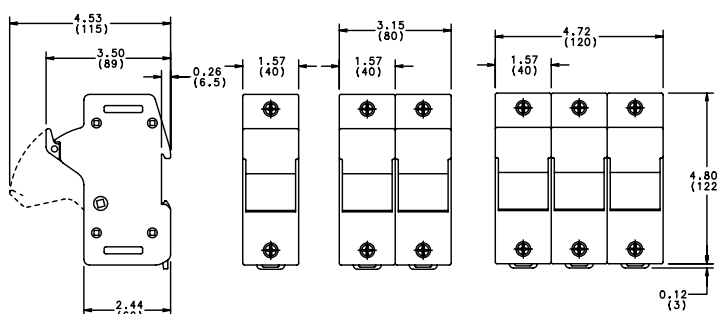
- Indicating and non-indicating options available
- 1-, 2-, and 3-pole configurations
- Easy installation and fuse removal with no additional pullers or tools required
- 35 mm DIN Rail Mountable
- Ventilated design for cooler operation

Dimensions in inches (mm)

30 Amp



60 Amp



Specifications

Voltage Ratings:	600 VAC
Interrupting Rating:	200 kA
Ampere Rating:	30 and 60 A
Terminal Type:	Pressure Plate
Suggested Torque:	30 A – 35 in-lbs. 60 A – 45 in-lbs.
Wire Range:	#2 – #14CU
Material:	Thermoplastic
Flammability Rating:	UL94 V-0
Approvals:	UL Listed (File No. E14721) CE Certified

Ordering Information

CATALOG NUMBER	SYSTEM NUMBER	POLES	PACK QTY.	VOLTS	AMPERE RATING	INDICATION
LPSJ30-1	LPSJ301.Z	1	6	600 V	30 A	–
LPSJ30-2	LPSJ302.Z	2	3	600 V	30 A	–
LPSJ30-3	LPSJ303.Z	3	2	600 V	30 A	–
LPSJ30-1ID	LPSJ301.ZXID	1	6	600 V	30 A	•
LPSJ30-2ID	LPSJ302.ZXID	2	3	600 V	30 A	•
LPSJ30-3ID	LPSJ303.ZXID	3	2	600 V	30 A	•
LPSJ60-1	LPSJ601.Z	1	6	600 V	60 A	–
LPSJ60-2	LPSJ602.Z	2	3	600 V	60 A	–
LPSJ60-3	LPSJ603.Z	3	2	600 V	60 A	–
LPSJ60-1ID	LPSJ601.ZXID	1	6	600 V	60 A	•
LPSJ60-2ID	LPSJ602.ZXID	2	3	600 V	60 A	•
LPSJ60-3ID	LPSJ603.ZXID	3	2	600 V	60 A	•

Multi-Pole Assembly Kit: Order No. US3J2PAK to assemble two LPSJ30-1
US3J3PAK to assemble three LPSJ30-1
US6J2PAK to assemble two LPSJ60-1
US6J3PAK to assemble three LPSJ60-1

For information on Open Face Class J blocks, see pg. 84-87.

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/lpsj

Recommended Fuses

Class J pg. 27-29

Note: These dimensions are for reference only. Please contact factory for additional information.

FUSE PULLERS & POWR-JAW CLIP CLAMPS



Features/Benefits

- Ergonomically designed fuse pullers designed to safely remove power fuses
- Molded design offers more comfortable and natural grip than traditional pullers, increasing performance

Specifications

TYPE OF FUSE PULLER	PART NUMBER	FUSE SIZE (DIAMETER)
Midget Fuse	MFP	$\frac{3}{16}$ " - $\frac{1}{2}$ " fuses
Pocket Fuse	LPFP	250 V fuses from 0-200 A 600 V fuses from 0-100 A $\frac{9}{16}$ " - $1\frac{19}{32}$ " fuses
Giant Fuse	GFP	250 V fuses from 61-600 A 600 V fuses from 61-400 A $1\frac{1}{16}$ " - $2\frac{19}{32}$ " fuses
Tri-puller	097023	For ATO and glass fuses

Web Resources

Sample requests and other technical information:
www.littelfuse.com/fusepullers



Features/Benefits

- Improve contact between fuse and clip
- Help prevent unnecessary heat from poor contact due to the loss of spring force. This reduces:
 1. Nuisance fuse opening
 2. Premature aging of surrounding components
- High temperature phenolic resin knob for severe environments
- Wide range of coverage with simple design

Ordering Information

CATALOG NUMBER	SYSTEM NUMBER	VOLTS	AMPERES
LCC1	0LCC1	250	0-30
LCC2	0LCC2	250	35-60
LCC2	0LCC2	600	0-30
LCC4	0LCC4	600	35-60
LCC5	0LCC5	250 or 600	70-100
LCC6	0LCC6	250 or 600	110-200
LCC7	0LCC7	250 or 600	225-400
LCC8	0LCC8	250 or 600	450-600

Note: POWR-JAW Clip Clamps are sold individually, not in pairs.

A minimum of 1/8" of clearance between the fuseblock barrier and fuse clip is required to install Clip Clamps.

Web Resources

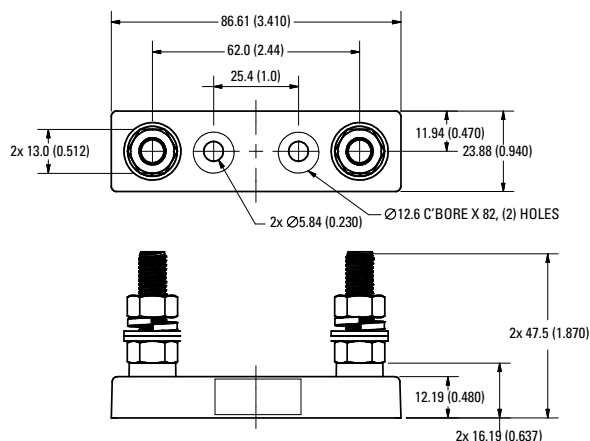
Sample requests and other technical information:
www.littelfuse.com/clipclamps

LFFB SERIES LIMITER BLOCK/LHFB INLINE HOLDER

LFFB



Dimensions in mm [inches]



Description

The LFFB003 fuseblock is designed to accept CNN and CNL style limiter fuses. Applications include but are not limited to forklifts, golf carts and other low-voltage battery equipment. It is specifically designed for the HAZGARD™ fuse but can be used for CNN/CNL fuses as well.

Specifications

Voltage Rating:	150 VAC/VDC
Ampere Rating:	800 A
Approvals:	UL Listed (File No. E14721)
Construction:	Base—Thermoset Studs—Steel Zinc Plated

Ordering Information

CATALOG NUMBER	SYSTEM NUMBER
LFFB003	LFFB0003Z

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/lffb

Recommended Fuses

CNL/CNN Cable limiter fuses	pg. 64
HAZGARD fuse	pg. 64

LHFB



Description

The Littelfuse LHFB waterproof in-line fuseholder is ideal for harsh environments. The LHFB holder features the voltage and ampere rating molded into the body, along with a wire strip gauge. It also withstands solvents and vibration.

Features/Benefits

- Waterproof in-line fuseholder for harsh environments
- One-piece molded thermoplastic body
- Bright green color offers high visibility
- Voltage and ampere rating molded into body

Specifications

Voltage Rating:	32 V
Ampere Rating:	30 A
Fuses:	1/4" to 1 1/4" fuses
Wire Size:	Accepts #16 to #18 gauge wire
Operating Temperature:	-20° C to 80° C

Installation Instructions

1. Thread wire through fuseholder body
2. Strip wire insulation per strip gauge
3. Crimp wire to fuse clip*
4. Pull wire through and seat fuse clip in the holder body
5. Insert desired fuse type and rating
6. Snap holder body together

*Recommended crimping tools: Thomas & Betts No. WT-111M

Note: Wire is not supplied with the holder.

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/lhfb

571 & 572 SERIES PANEL-MOUNT FUSEHOLDERS

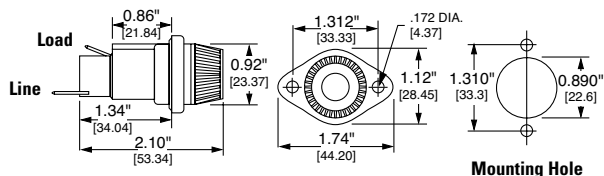
571



Description

Panel mount fuseholders are for Midget-Style and Class CC fuses. Class CC fuses have a rejection feature on one end cap, which mates with the rejection feature of Littelfuse Class CC fuses to prevent the installation of fuses with lower voltage ratings or interrupting ratings. Watertight version must be front panel mounted.

Dimensions in inches (mm)



Ordering Information

CATALOG/SYSTEM NUMBER				BOTTOM TERMINAL	FUSE LENGTH RANGE*	FOR USE WITH
STANDARD		WATERTIGHT				
571027	05710027L	571027P	05710027LXP	Straight	1 $\frac{5}{16}$ " – 1 $\frac{3}{8}$ "	Midget Fuses
571028	05710028L	571028P	05710028LXP	Rt. Angle		
571007	05710007L	571007P	05710007LXP	Straight	1 $\frac{1}{32}$ " – 1 $\frac{1}{2}$ "	Midget Fuses
571008	05710008L	571008P	05710008LXP	Rt. Angle		
5710CC	057100CCL	5710CCP	057100CCLXP	Straight	1 $\frac{1}{2}$ "	Class CC Fuses
571RCC	057100RCL	571RCCP	057100RCLXP	Rt. Angle		

*Fuse diameter is 13/32"

Note: Contact factory for versions with pre-assembled wire leads.

Specifications

Voltage Rating:	600 V
Ampere Rating:	30 A for Class CC and Midget fuses
Dielectric Strength:	4000 V Minimum
Terminals:	Tin-plated brass combination solder and quick-connect
O-Rings:	901-184 (body), 901-260 (knob)
Molded Parts:	Black thermoplastic
Approvals:	UL Recognized (File No. E14721) UL Recognized for branch circuit protection (5710CC/RCC) CSA Certified (File No. LR7316)

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/571

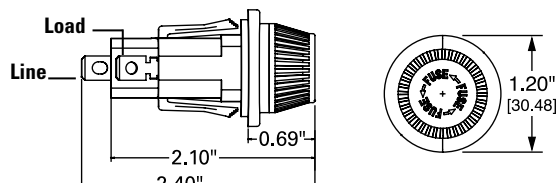
572



Description

The 572 series panel mount fuseholders are designed to minimize installation time. Its unique design incorporates a snap-mount feature that allows the holder to be installed without any tools or mounting hardware.

Dimensions in inches (mm)



Ordering Information

CATALOG/SYSTEM NUMBER				BOTTOM TERMINAL	FUSE LENGTH RANGE†	FOR USE WITH
STANDARD		WATERTIGHT				
572027	05720027L	572027P	05720027LXP	Straight	1 $\frac{1}{16}$ " – 1 $\frac{3}{8}$ "	Midget Fuses
572028	05720028L	572028P	05720028LXP	Rt. Angle		
572007	05720007L	572007P	05720007LXP	Straight	1 $\frac{1}{32}$ " – 1 $\frac{1}{2}$ "	Midget Fuses
572008	05720008L	572008P	05720008LXP	Rt. Angle		
5720CC	057200CCL	5720CCP	057200CCLXP	Straight	1 $\frac{1}{2}$ "	Class CC Fuses
572RCC	057200RCL	572RCCP	057200RCLXP	Rt. Angle		

†Fuse diameter is 13/32"

Note: Contact factory for versions with pre-assembled wire leads.

Specifications

Voltage Rating:	600 V
Ampere Rating:	30 A for Class CC and Midget fuses
Dielectric Strength:	4000 V Minimum
Terminals:	Tin-plated brass combination solder and quick-connect
Molded Parts:	Black thermoplastic
Approvals:	UL Recognized (File No. E14721) UL Recognized for branch circuit protection (5720CC/RCC) Class CC version CSA Certified (File No. LR7316)
Mounting:	Double "D" punch or 0.875" knock-out hole Designed to fit 14-18 gauge

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/572

PANEL MOUNT 3AG (1/4" X 1 1/4") FUSEHOLDERS

342 Series (Traditional Panel Mount Type)



**Straight Terminal
Fluted Knob**



**Right Angle Terminal
Knurled Knob**

Description

Panel Mount Fuseholders for 3AG (1/4" x 1 1/4") fuses. Both fluted and knurled knob terminal options.

Ordering Information

Straight Terminal

FLUTED KNOB		KNURLED KNOB		TERMINAL
CATALOG/SYSTEM NUMBER		CATALOG/SYSTEM NUMBER		
342014A	03420014X	342012A	03420012X	Solder
342038A	03420038X	342058A	03420058X	3/16" Q.C.
342838A	03420838X	342858A	03420858X	1/4" Q.C.

Specifications

Electrical:	Rated at 20 A for any voltage up to 250 V
Dielectric Strength:	2400 V minimum
Mounting:	Withstands 15 lb-in mounting torque; maximum panel thickness: .187"
Molded Parts:	Black thermoplastic (UL94 V-0)
Knob:	Bayonet style with lettering
Terminals:	Copper & copper alloy. Tin plated, except 1/4" Quick-Connect terminals are nickel plated
Ambient Temperature:	-40°C to +85°C

Recommended Fuses

3AG (1/4" x 1 1/4") pg. 42

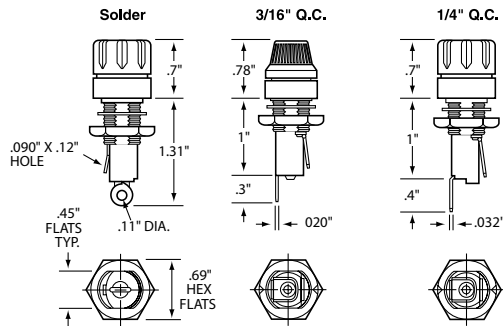
Web Resources

Additional technical information available at:
www.littelfuse.com/342

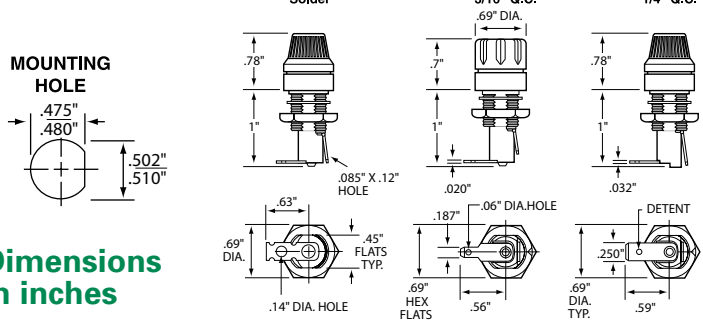
Right Angle Terminal

FLUTED KNOB		KNURLED KNOB		TERMINAL
CATALOG/SYSTEM NUMBER		CATALOG/SYSTEM NUMBER		
342048A	03420048X	342022A	03420022X	Solder
342028A	03420028X	342048A	03420048X	3/16" Q.C.
342838A	03420838X	342858A	03420858X	1/4" Q.C.

Straight Terminal



Right Angle Terminal



**Dimensions
in inches**

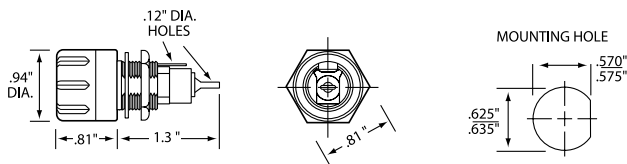
342 Series (Watertight Panel Mount Type)



Web Resources

Additional technical information available at:
www.littelfuse.com/342

Dimensions in inches



Specifications

Electrical:	Rated at 20 A for any voltage up to 250 V
Dielectric Strength:	1500 V minimum
Mounting:	Withstands 15 lb-in mounting torque; maximum panel thickness is .250"
Molded Parts:	Black thermoset (UL94 V-0)
Knob:	Screw type
Seal:	O-ring provides a watertight seal on the front side of the panel per MIL-PRF-19207
Terminals:	Copper & copper alloy. Tin plated. Solder type
Ambient Temperature:	-40°C to +85°C
Hardware:	O-rings (2) and hex nut, unassembled

Ordering Information

CATALOG NUMBER	SYSTEM NUMBER
342006A	0342006ZXA

Recommended Fuses

3AG (1/4" x 1 1/4") pg. 42

INTERNATIONAL SHOCK SAFE PANEL MOUNT

345 Series (International Shock-Safe Panel Mount Type)



Description

Designed to eliminate electrical shock as defined by IEC standards 60065 and 60127, these panel-mount fuses offer a wide variety of options. This allows for inventory reduction and versatility.

Features/Benefits

- Anti-tease feature eliminates circuit interruption when knob is accidentally depressed
- Five fuseholder types for maximum flexibility
- Two knob styles—screwdriver slot and finger grip
- Drip proof option available on screwdriver slot knob style
- Two terminal choices depending on application



Web Resources

Downloadable CAD drawings and other technical information:
www.littelfuse.com/shocksafes

Recommended Fuses

2AG	pg. 42
3AG	pg. 42
5 x 20 mm	pg. 43

Specifications

Insulation Resistance:	10,000 megaohm minimum at 500 VDC
Contact Resistance:	Less than .005 ohm average at currents up to 1 A
Mounting:	Threaded styles withstand 15 in-lb mounting torque Profile panel thickness: .032" min/310" max. Quick mount panel thickness: .012" min/360" max. Rear mount panel thickness: .012" min/260" max.
Body Material:	Black glass-filled thermoplastic (UL94 V-0)
Knob Material:	Grey, blue or black glass-filled thermoplastic (UL94 V-0)
Hex Nut Material:	Black glass-filled thermoplastic
Knob:	Finger-Grip, Fuse Extractor type or Screwdriver Slot, Fuse Extractor type with plated copper alloy insert Plated copper alloy contact clips. Spring loaded, locking mechanism provides an anti-tease feature and will not vibrate loose
Terminals:	Copper alloy, Tin-plated
Ambient Temperature:	–40°C to +85°C
Hardware:	Threaded style fuseholders are supplied with a thermoplastic hex nut unassembled Quick mount style fuseholders are supplied with a push-on type retaining nut, black oxide finish, unassembled A synthetic rubber O-ring will be supplied only with the screwdriver slot knob when the drip-proof version is requested

AGENCY APPROVAL	FILE NUMBER	3AG	5 X 20 mm	2AG
UL	E75961	20 A 250 V	10 A 250 V	10 A 250 V
CSA	LR91788	20 A 250 V	10 A 250 V	10 A 250 V
VDE	116895E	10 A 250 V	10 A 250 V	—

Note: To order with a metal internal tooth lockwasher (L) and/or neoprene panel washer (N) and/or drip-proof synthetic rubber "O" ring with Neoprene washer (NP) [Screwdriver slot knob only], add the appropriate suffix (L, N, or NP) respectively.

Please refer to Technical Application Guide section for information on proper fuseholder de-rating.

Ordering Information

EXAMPLE:

(Complete Assembly with Options)

Series Number **345 3 LS 7 LNP**

FUSE SIZE	STYLE	TERMINALS	OPTIONS*
2	LF	1	L
2AG .177" x .570"	Low Profile Body	3/16" (Right Angle)	Lockwasher
3	Black Fingergrip Knob	Dual Purpose Solder/QC	N
3AG .250" x 1.250"	RF	2	Neoprene Washer
5	Rear Mount Body	3/16" (Straight)	NP
5 x 20 mm .197" X .787"	Black Fingergrip Knob	Dual Purpose Solder/QC	Drip-Proof O-Ring† with Neoprene Washer
	HF	3	
	High Profile Body	3/16" (Right Angle)	
	Screwdriver Slot Knob	NEMA QC	
	LS	4	
	Low Profile Body	3/16" (Straight)	
	Screwdriver Slot Knob	NEMA QC	
	QS	7	
	Quick Mount Body	1/4" (Right Angle)	
	Screwdriver Slot Knob	NEMA/DIN QC	
	Screwdriver Slot Knob	8	
	2AG—Blue Knob	1/4" (Straight)	
	3AG—Grey Knob	NEMA/DIN QC	
	5 x 20 mm—Black Knob		

*Options (L, N, NP) can be ordered individually or in combination.

†Screwdriver slot knob only.

SEMICONDUCTOR FUSEBLOCKS

LSCR Series



Description

Modular-designed Semiconductor fuseblocks are designed to accommodate a wide range of Semiconductor fuses, with a maximum diameter of 3".

Features/Benefits

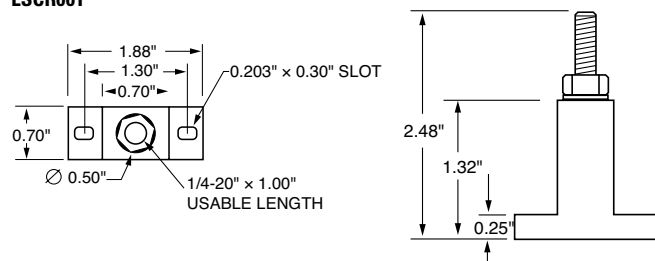
- Modular design reduces inventory requirements
- Sold in pairs for convenience
- Constructed of molded phenolic (with plated steel studs)

Web Resources

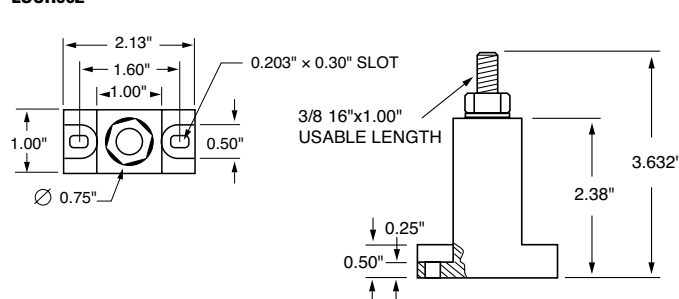
Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/lscr

Dimensions in inches

LSCR001



LSCR002



Specifications

Voltage Rating:	LSCR001: Accepts fuses 1" diameter or less at 600 V Also accepts 1 1/8" diameter fuses at 700 – 1000 V LSCR002: Accepts fuses up to 3" diameter at 1000 V
Ampere Ratings:	LSCR001: 1 – 400 A capacity LSCR002: 70 – 800 A capacity
Approvals:	UL Recognized (File No. E14721)
Stud Size:	LSCR001: 1/4 -20 thread (Torque: 65 in-lbs.) LSCR002: 3/8 -16 thread (Torque: 192 in-lbs)
Base:	Molded phenolic. 150° C temperature rating
Terminal Construction:	Plated steel. Supplied with nut and belleville washer

Recommended Fuses

Semiconductor fuses. See tables below.

LSCR001 Semiconductor Fuseblock Selection Guide

FUSE SERIES	AMPERE RATING	PAGE
L15S	70 – 400	68
L25S, LA30QS	35 – 60	68, 71
L25S	70 – 200	68
L50S, LA50QS	35 – 60	68, 72
L50S, LA50QS	70 – 100	68, 72
LA50QS	125 – 200	72
L60S	35 – 60	69
L60S	70 – 100	69
L60S	125 – 200	69
L70S, LA70QS	35 – 60	69, 73-74
L70S, LA70QS	70 – 200	69, 73-74
KLC	1 – 30	69
KLC	35 – 60	69
LA100P	35 – 60	75
LA15QS	70 – 400	70
LA30QS	70 – 200	71

LSCR002 Semiconductor Fuseblock Selection Guide

FUSE SERIES	AMPERE RATING	PAGE
L15S, LA15QS	500 – 800	68, 70
L25S, LA30QS	225 – 700	68, 71
L25S, LA30QS	800	68, 71
L50S, LA50QS	225 – 400	68, 71
L50S, LA50QS	450 – 600	68, 71
L50S, LA50QS	700 – 800	68, 71
L60S	225 – 400	69
L60S	450 – 600	69
L60S	700 – 800	69
L70S, LA70QS	125 – 400	69, 73-74
L70S, LA70QS	450 – 800	69, 73-74
KLC	70 – 100	69
KLC	125 – 200	69
KLC	225 – 400	69
KLC	450 – 800	69
LA100P	70 – 800	75
JLLN	700 – 800	30-31
JLLS	250 – 400	30-31
JLLS	700 – 800	30-31

SEMICONDUCTOR FUSEBLOCKS

1LFS and 1LS Series



Description

Littelfuse modular style semiconductor fuseblocks accommodate a wide range of semiconductor fuses. Blocks are provided in pairs with fuse mounting hardware.

Features/Benefits

- Modular design reduces inventory requirements
- Sold in pairs for convenience
- Constructed of molded phenolic (with plated steel studs)

Specifications

Voltage Rating:	600 V
Ampere Range:	1 – 600 A
Approvals:	UL Recognized
Insulator Base:	150° C general purpose phenolic Box Lug Terminal: Tin plated aluminum

Ordering Information

CATALOG/ SYSTEM NUMBER	AMPERE RATING	WIRE RANGE	WIRE RATING	APPROVALS
1LFS101	100 A	#2/0 - 14 CU/AL	120 in-lbs	UL Recognized
1LFS102	400 A	250MCM - #6 CU/AL	275 in-lbs	UL Recognized
1LS103	400 A	250MCM - #6 CU/AL	275 in-lbs	UL Recognized
1LS104	600 A	500MCM - #6 CU/AL	375 in-lbs	UL Recognized
1LS108	400 A	250MCM - #6 CU/AL	275 in-lbs	Self-Certified
1LS109	400 A	250MCM - #6 CU/AL	275 in-lbs	Self-Certified
1LS110	400 A	250MCM - #6 CU/AL	275 in-lbs	Self-Certified

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/1lfs

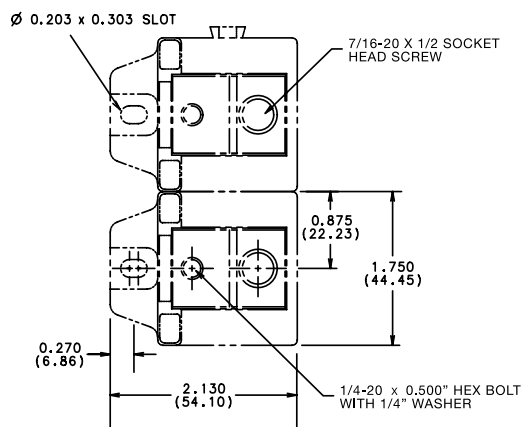
Recommended Fuses

Wide range of semiconductor fuses.....pg. 67-80

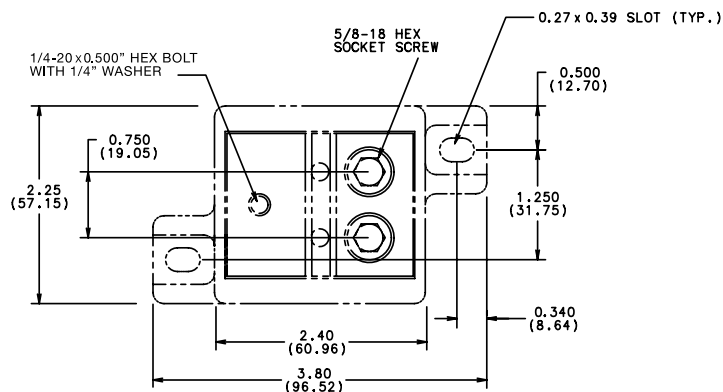
Dimensions in inches (mm)

Dimensions for reference only.

1LFS101



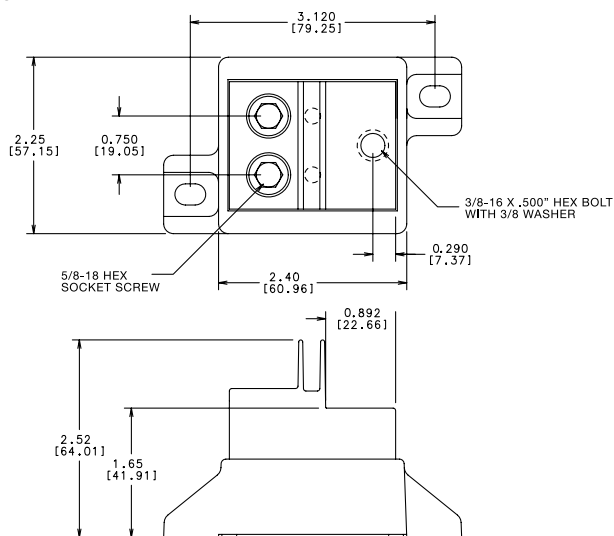
1LFS102



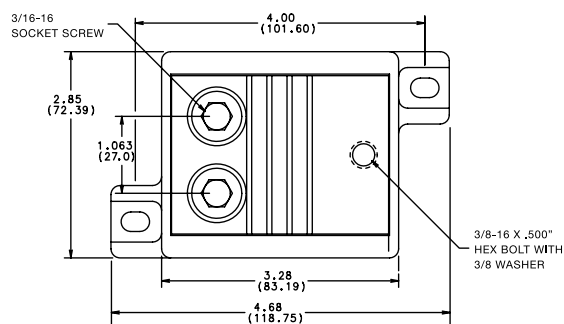
SEMICONDUCTOR FUSEBLOCKS

Dimensions in inches (mm)

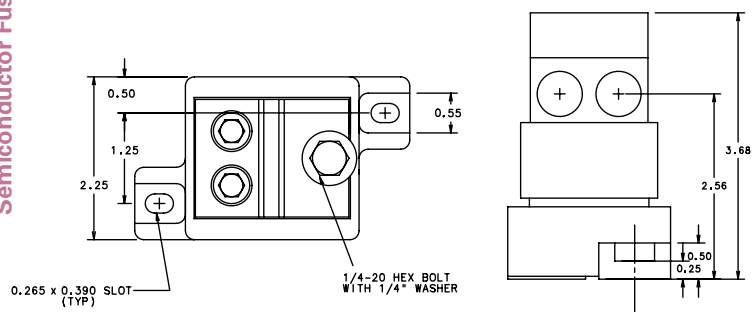
1LS103



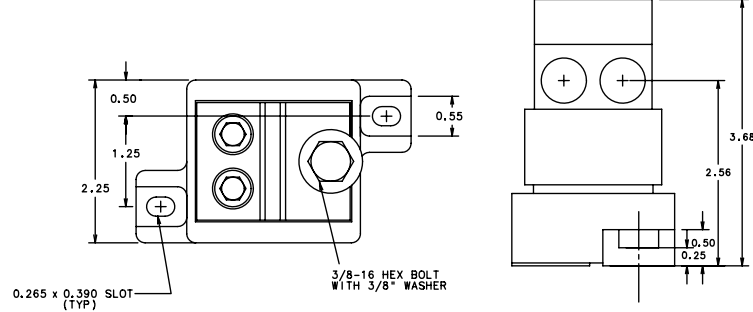
1LS104



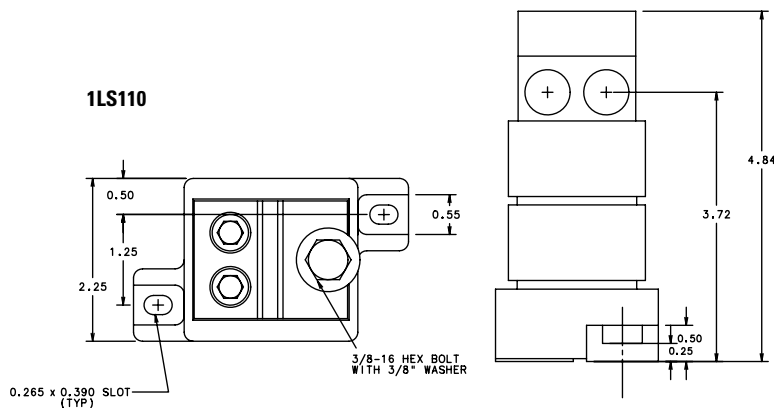
1LS108



1LS109



1LS110



Dimensions available at www.littelfuse.com/1lfs

POWR-BLOKS™

Distribution/Splicer Blocks and Covers



Description

POWR-BLOKS™ power distribution blocks offer a safe, convenient way of splicing cables, providing a fixed junction tap-off point or splitting primary power into secondary circuits. Lx2xxx-DIN series offers integral DIN-Rail mount and an optional hinged safety cover.

Optional 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. To order protective covers, match the number of poles for the block to the cover.

Hinged Plastic Covers

CATALOG/SYSTEM NUMBER	FOR USE WITH DISTRIBUTION/SPLICER BLOCK NO.	POLES
LCH132-1	OLCH1321Z LD2xxx-1DIN / LS2xxx-1DIN	1
LCH132-2	OLCH1322Z LD2xxx-2DIN / LS2xxx-2DIN	2
LCH132-3	OLCH1323Z LD2xxx-3DIN / LS2xxx-3DIN	3

Note: Optional hinged covers snap on to blocks.

Clear Plastic Covers

CATALOG/SYSTEM NUMBER	FOR USE WITH DISTRIBUTION/SPLICER BLOCK NO.	POLES
LPBC0-2	LPBC02 LD0xxx-2 / LS0xxx-2	2
LPBC0-3	LPBC03 LD0xxx-3 / LS0xxx-3	3
LPBC2-1	LPBC21 LD2xxx-1 / LS2xxx-1	1
LPBC2-2	LPBC22 LD2xxx-2 / LS2xxx-2	2
LPBC2-3	LPBC23 LD2xxx-3 / LS2xxx-3	3
LPBC3-1	LPBC31 LD3xxx-1 / LS3xxx-1	1
LPBC3-2	LPBC32 LD3xxx-2 / LS3xxx-2	2
LPBC3-3	LPBC33 LD3xxx-3 / LS3xxx-3	3
LPBC4-1	LPBC41 LD4xxx-1 / LS4xxx-1	1
LPBC4-2	LPBC42 LD4xxx-2 / LS4xxx-2	2
LPBC4-3	LPBC43 LD4xxx-3 / LS4xxx-3	3
LPBC5-1	LPBC51 LD5xxx-1 / LS5xxx-1	1
LPBC5-2	LPBC52 LD5xxx-2 / LS5xxx-2	2
LPBC5-3	LPBC53 LD5xxx-3 / LS5xxx-3	3

Note: For installation of optional clear plastic covers, use the screws provided with each cover.

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.

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.

Specifications

Voltage Rating:	600 V
Current Rating:	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:	UL94 V-0
Approvals:	UL Recognized (File No. E171395) CSA Certified (File No. LR700111)

Ordering Information

Distribution Block
Example Part No.

L D 2570 3
↑ ↑ ↑ ↑
Littelfuse Distribution Block Series No. of Poles

Splicer Block
Example Part No.

L S 3126 2
↑ ↑ ↑ ↑
Littelfuse Splicer Block Series No. of Poles

Note: Aluminum blocks can use copper or aluminum wire; copper blocks can only use copper wire.

Web Resources

For more information, visit: www.littelfuse.com/powr-bloks

DISTRIBUTION/SPLICER BLOCKS AND COVERS

Distribution Block Selection Guide

CONNECTOR CONFIGURATION			AMP RATING PER POLE	POLES	LINE		LOAD		OUTLINE DRAWING FIGURE	CATALOG/SYSTEM NUMBER	
MATERIAL	LINE	LOAD			WIRE RANGE	OPENINGS PER POLE	WIRE RANGE	OPENINGS PER POLE			
AL			115	1	#2 - #14	1	#10 - #18	4	2	LD1400-1	OLD14001Z
			115	2	#2 - #14	1	#10 - #18	4	2	LD1400-2	OLD14002Z
			115	3	#2 - #14	1	#10 - #18	4	2	LD1400-3	OLD14003Z
			115	4	#2 - #14	1	#10 - #18	4	2	LD1400-4	OLD14004Z
AL			175	2	20 - #14	1	#4 - #14	6	1	LD0401-2	OLD04012Z
			175	3	20 - #14	1	#4 - #14	6	1	LD0401-3	OLD04013Z
AL			175	2	20 - #14	1	#4 - #14	4	1	LD0402-2	OLD04022Z
			175	3	20 - #14	1	#4 - #14	4	1	LD0402-3	OLD04023Z
AL			310	2	350mcm - #6	1	#4 - #14	6	1	LD0404-2	OLD04042Z
			310	3	350mcm - #6	1	#4 - #14	6	1	LD0404-3	OLD04043Z
AL			175	1	20 - #14	1	#4 - #14	4	3	LD2570-1	OLD25701Z
			175	2	20 - #14	1	#4 - #14	4	3	LD2570-2	OLD25702Z
			175	3	20 - #14	1	#4 - #14	4	3	LD2570-3	OLD25703Z
CU			175	1	20 - #14	1	#4 - #14	4	3	LD2970-1	OLD29701Z
			175	2	20 - #14	1	#4 - #14	4	3	LD2970-2	OLD29702Z
			175	3	20 - #14	1	#4 - #14	4	3	LD2970-3	OLD29703Z
AL			335	1	400mcm - #6	1	#2 - #14	4	5	LD3552-1	OLD35521Z
			335	2	400mcm - #6	1	#2 - #14	4	5	LD3552-2	OLD35522Z
			335	3	400mcm - #6	1	#2 - #14	4	5	LD3552-3	OLD35523Z
AL			335	1	400mcm - #6	1	#2 - #14	6	5	LD3553-1	OLD35531Z
			335	2	400mcm - #6	1	#2 - #14	6	5	LD3553-2	OLD35532Z
			335	3	400mcm - #6	1	#2 - #14	6	5	LD3553-3	OLD35533Z
AL			350	1	20 - #14	2	#4 - #14	6	5	LD3555-1	OLD35551Z
			350	2	20 - #14	2	#4 - #14	6	5	LD3555-2	OLD35552Z
			350	3	20 - #14	2	#4 - #14	6	5	LD3555-3	OLD35553Z
CU			380	1	500mcm - #4	1	#2 - #14	6	5	LD3953-1	OLD39531Z
			380	2	500mcm - #4	1	#2 - #14	6	5	LD3953-2	OLD39532Z
			380	3	500mcm - #4	1	#2 - #14	6	5	LD3953-3	OLD39533Z
CU			350	1	20 - #14	2	#4 - #14	6	5	LD3955-1	OLD39551Z
			350	2	20 - #14	2	#4 - #14	6	5	LD3955-2	OLD39552Z
			350	3	20 - #14	2	#4 - #14	6	5	LD3955-3	OLD39553Z
AL			380	1	500mcm - #4	1	#2 - #14	6	6	LD4551-1	OLD45511Z
			380	2	500mcm - #4	1	#2 - #14	6	6	LD4551-2	OLD45512Z
			380	3	500mcm - #4	1	#2 - #14	6	6	LD4551-3	OLD45513Z
AL			335	1	400mcm - #6	1	#2 - #14	8	6	LD4560-1	OLD45601Z
			335	2	400mcm - #6	1	#2 - #14	8	6	LD4560-2	OLD45602Z
			335	3	400mcm - #6	1	#2 - #14	8	6	LD4560-3	OLD45603Z
AL			380	1	500mcm - #4	1	#2 - #14	12	7	LD5552-1	OLD55521Z
			380	2	500mcm - #4	1	#2 - #14	12	7	LD5552-2	OLD55522Z
			380	3	500mcm - #4	1	#2 - #14	12	7	LD5552-3	OLD55523Z
AL			380	1	500mcm - #4	1	20 - #14	6	7	LD5579-1	OLD55791Z
			380	2	500mcm - #4	1	20 - #14	6	7	LD5579-2	OLD55792Z
			380	3	500mcm - #4	1	20 - #14	6	7	LD5579-3	OLD55793Z
AL			760	1	500mcm - #4	2	20 - #14	8	7	LD5586-1	OLD55861Z
			760	2	500mcm - #4	2	20 - #14	8	7	LD5586-2	OLD55862Z
			760	3	500mcm - #4	2	20 - #14	8	7	LD5586-3	OLD55863Z
AL			665	1	500mcm - #4 350mcm - #6	1	20 - #14	4	7	LD5587-1	OLD55871Z
			665	2	500mcm - #4 350mcm - #6	1	20 - #14	4	7	LD5587-2	OLD55872Z
			665	3	500mcm - #4 350mcm - #6	1	20 - #14	4	7	LD5587-3	OLD55873Z

AL=Aluminum, CU=Copper

DISTRIBUTION/SPLICER BLOCKS AND COVERS

Distribution Block Selection Guide

CONNECTOR CONFIGURATION			AMP RATING PER POLE	POLES	LINE		LOAD		OUTLINE DRAWING FIGURE	CATALOG/SYSTEM NUMBER	
MATERIAL	LINE	LOAD			WIRE RANGE	OPENINGS PER POLE	WIRE RANGE	OPENINGS PER POLE			
AL			760	1	500mcm-#4	2	#4 - #14	12	7	LD5592-1	OLD55921Z
			760	2	500mcm-#4	2	#4 - #14	12	7	LD5592-2	OLD55922Z
			760	3	500mcm-#4	2	#4 - #14	12	7	LD5592-3	OLD55923Z
AL			380	1	500mcm-#4	1	#2 - #14	8	7	LD5594-1	OLD55941Z
			380	2	500mcm-#4	1	#2 - #14	8	7	LD5594-2	OLD55942Z
			380	3	500mcm-#4	1	#2 - #14	8	7	LD5594-3	OLD55943Z
CU			760	1	500mcm-#4	2	2/0 - #14	8	7	LD5986-1	OLD59861Z
			760	2	500mcm-#4	2	2/0 - #14	8	7	LD5986-2	OLD59862Z
			760	3	500mcm-#4	2	2/0 - #14	8	7	LD5986-3	OLD59863Z
CU			760	1	500mcm-#4	2	#2 - #14	12	7	LD5992-1	OLD59921Z
			760	2	500mcm-#4	2	#2 - #14	12	7	LD5992-2	OLD59922Z
			760	3	500mcm-#4	2	#2 - #14	12	7	LD5992-3	OLD59923Z
AL			175	1	2/0 - #14	1	#4 - #14	4	4	LD2570-1DIN	OLD25701ZXDIN
			175	2	2/0 - #14	1	#4 - #14	4	4	LD2570-2DIN	OLD25702ZXDIN
			175	3	2/0 - #14	1	#4 - #14	4	4	LD2570-3DIN	OLD25703ZXDIN
			175	Adder	2/0 - #14	1	#4 - #14	4	4	LD2570-ADIN	OLD2570AZXDIN
AL			175	1	2/0 - #14	1	#4 - #14	6	4	LD2580-1DIN	OLD25801ZXDIN
			175	2	2/0 - #14	1	#4 - #14	6	4	LD2580-2DIN	OLD25802ZXDIN
			175	3	2/0 - #14	1	#4 - #14	6	4	LD2580-3DIN	OLD25803ZXDIN
			175	Adder	2/0 - #14	1	#4 - #14	6	4	LD2580-ADIN	OLD2580AZXDIN
CU			175	1	2/0 - #14	1	#4 - #14	4	4	LD2970-1DIN	OLD29701ZXDIN
			175	2	2/0 - #14	1	#4 - #14	4	4	LD2970-2DIN	OLD29702ZXDIN
			175	3	2/0 - #14	1	#4 - #14	4	4	LD2970-3DIN	OLD29703ZXDIN
			175	Adder	2/0 - #14	1	#4 - #14	4	4	LD2970-ADIN	OLD2970AZXDIN

AL=Aluminum, CU=Copper



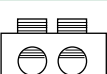
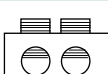
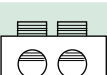
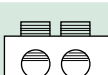
Hinged Plastic Covers



Clear Plastic Covers

DISTRIBUTION/SPLICER BLOCKS AND COVERS

Splicer Block Selection Guide

CONNECTOR CONFIGURATION			AMP RATING PER POLE	POLES	LINE		LOAD		OUTLINE DRAWING FIGURE	CATALOG/SYSTEM NUMBER	
MATERIAL	LINE	LOAD			WIRE RANGE	OPENINGS PER POLE	WIRE RANGE	OPENINGS PER POLE			
AL			310	2	350mcm-#6	1	350mcm-#6	1	1	LS0303-2	OLS0303Z2
			310	3	350mcm-#6	1	350mcm-#6	1	1	LS0303-3	OLS0303Z3
AL			115	1	#2 - #14	1	#2 - #14	1	2	LS1300-1	OLS13001Z
			115	2	#2 - #14	1	#2 - #14	1	2	LS1300-2	OLS13002Z
			115	3	#2 - #14	1	#2 - #14	1	2	LS1300-3	OLS13003Z
			115	4	#2 - #14	1	#2 - #14	1	2	LS1300-4	OLS13004Z
CU			150	1	1/0 - #18	1	1/0 - #18	1	3	LS2121-1	OLS21211Z
			150	2	1/0 - #18	1	1/0 - #18	1	3	LS2121-2	OLS21212Z
			150	3	1/0 - #18	1	1/0 - #18	1	3	LS2121-3	OLS21213Z
AL			115	1	#2 - #14	1	#2 - #14	1	3	LS2552-1	OLS25521Z
			115	2	#2 - #14	1	#2 - #14	1	3	LS2552-2	OLS25522Z
			115	3	#2 - #14	1	#2 - #14	1	3	LS2552-3	OLS25523Z
AL			175	1	2/0 - #14	1	2/0 - #14	1	3	LS2572-1	OLS25721Z
			175	2	2/0 - #14	1	2/0 - #14	1	3	LS2572-2	OLS25722Z
			175	3	2/0 - #14	1	2/0 - #14	1	3	LS2572-3	OLS25723Z
AL			255	1	250mcm-#6	1	250mcm-#6	1	5	LS3123-1	OLS31231Z
			255	2	250mcm-#6	1	250mcm-#6	1	5	LS3123-2	OLS31232Z
			255	3	250mcm-#6	1	250mcm-#6	1	5	LS3123-3	OLS31233Z
CU			255	1	250mcm-#6	1	250mcm-#6	1	5	LS3124-1	OLS31241Z
			255	2	250mcm-#6	1	250mcm-#6	1	5	LS3124-2	OLS31242Z
			255	3	250mcm-#6	1	250mcm-#6	1	5	LS3124-3	OLS31243Z
AL			310	1	350mcm-#6	1	350mcm-#6	1	5	LS3126-1	OLS31261Z
			310	2	350mcm-#6	1	350mcm-#6	1	5	LS3126-2	OLS31262Z
			310	3	350mcm-#6	1	350mcm-#6	1	5	LS3126-3	OLS31263Z
AL			420	1	600mcm-#4	1	600mcm-#4	1	6	LS4557-1	OLS45571Z
			420	2	600mcm-#4	1	600mcm-#4	1	6	LS4557-2	OLS45572Z
			420	3	600mcm-#4	1	600mcm-#4	1	6	LS4557-3	OLS45573Z
AL			620	1	350mcm-#4	2	350mcm-#4	2	7	LS5129-1	OLS51291Z
			620	2	350mcm-#4	2	350mcm-#4	2	7	LS5129-2	OLS51292Z
			620	3	350mcm-#4	2	350mcm-#4	2	7	LS5129-3	OLS51293Z
AL			760	1	500mcm-#4	2	500mcm-#4	2	7	LS5301-1	OLS53011Z
			760	2	500mcm-#4	2	500mcm-#4	2	7	LS5301-2	OLS53012Z
			760	3	500mcm-#4	2	500mcm-#4	2	7	LS5301-3	OLS53013Z
AL			175	1	2/0 - #14	1	2/0 - #14	1	4	LS2572-1DIN	OLS25721ZXDIN
			175	2	2/0 - #14	1	2/0 - #14	1	4	LS2572-2DIN	OLS25722ZXDIN
			175	3	2/0 - #14	1	2/0 - #14	1	4	LS2572-3DIN	OLS25723ZXDIN
			175	Adder	2/0 - #14	1	2/0 - #14	1	4	LS2572-ADIN	OLS2572AZXDIN
CU			175	1	2/0 - #14	1	2/0 - #14	1	4	LS2972-1DIN	OLS29721ZXDIN
			175	2	2/0 - #14	1	2/0 - #14	1	4	LS2972-2DIN	OLS29722ZXDIN
			175	3	2/0 - #14	1	2/0 - #14	1	4	LS2972-3DIN	OLS29723ZXDIN
			175	Adder	2/0 - #14	1	2/0 - #14	1	4	LS2972-ADIN	OLS2972AZXDIN

AL=Aluminum, CU=Copper

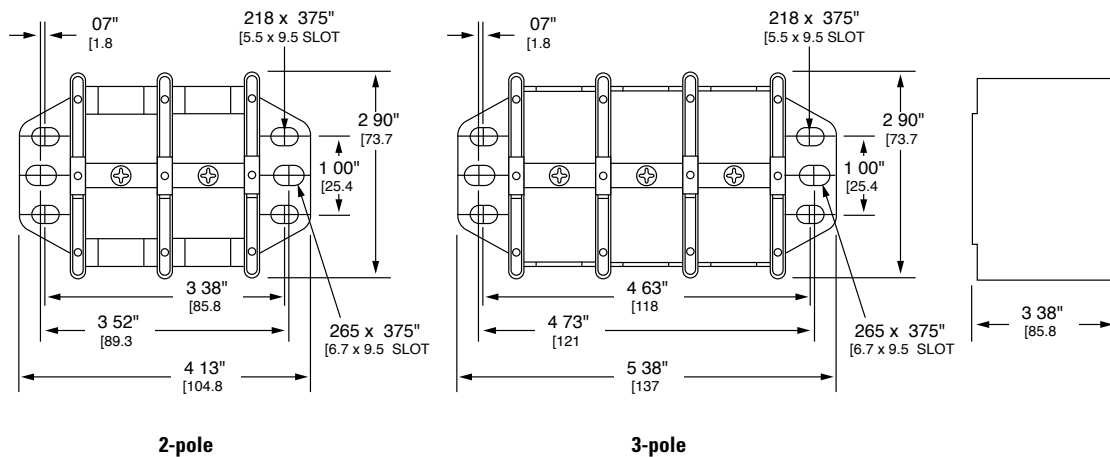
DISTRIBUTION/SPLICER BLOCKS AND COVERS DIMENSIONS

Outline Drawing Figures

Dimensions in inches (mm)

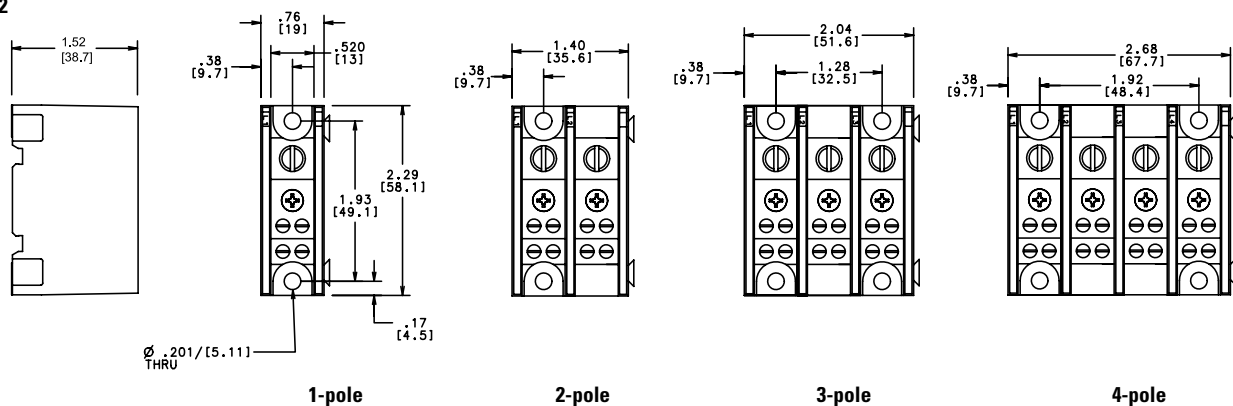
LX0XXX

Figure 1



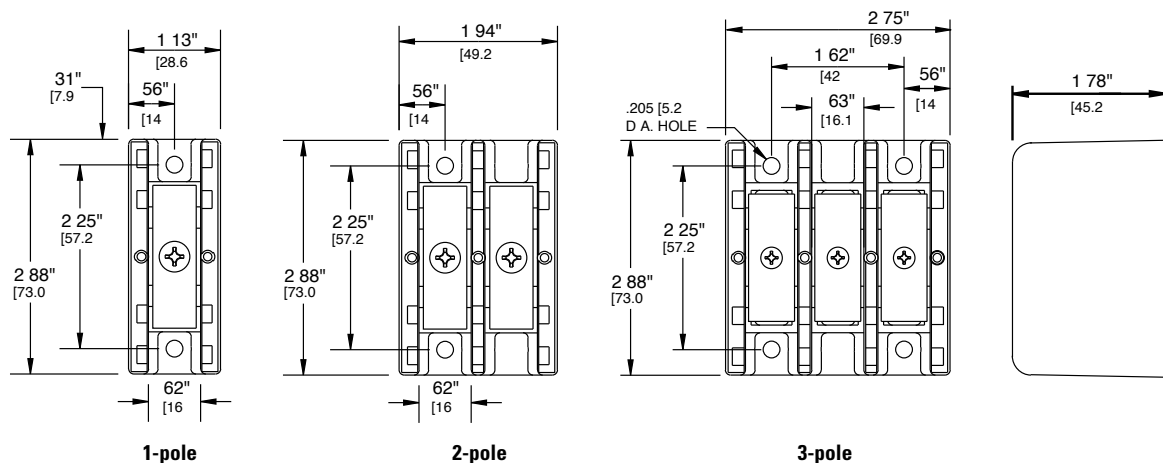
LX1XXX

Figure 2



LX2XXX

Figure 3



Dimensions available at www.littelfuse.com/powr-blocks

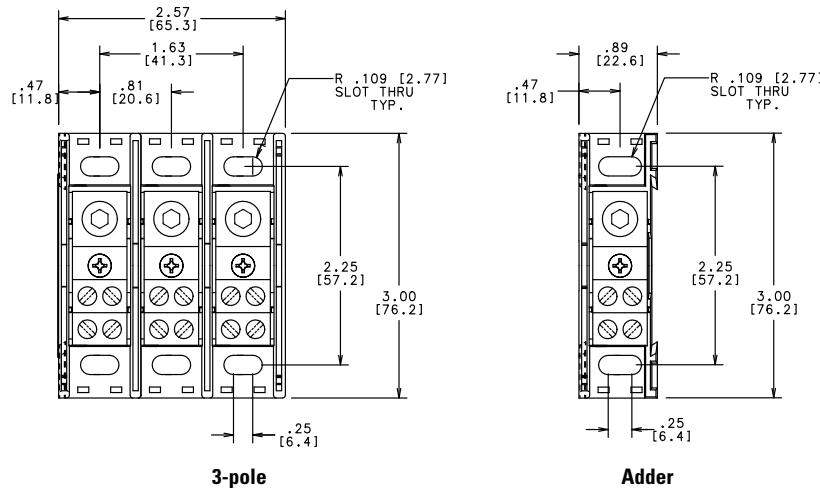
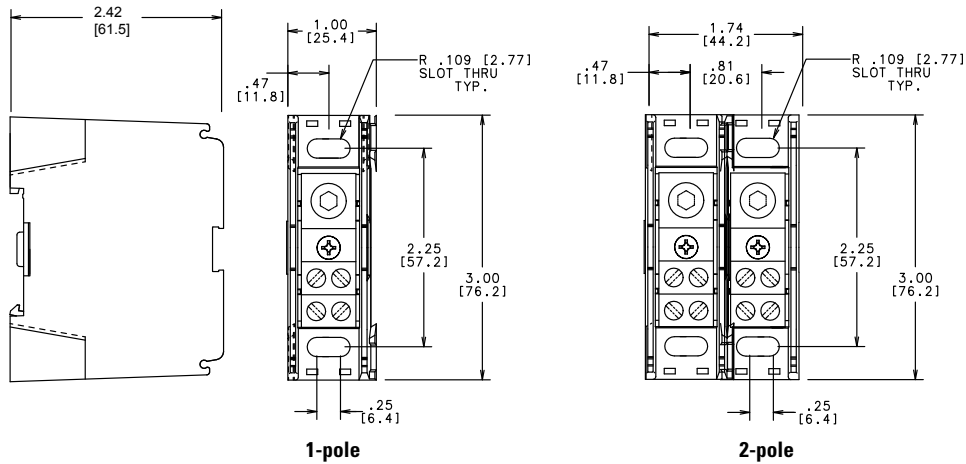
DISTRIBUTION/SPLICER BLOCKS AND COVERS DIMENSIONS

Outline Drawing Figures

Dimensions in inches (mm)

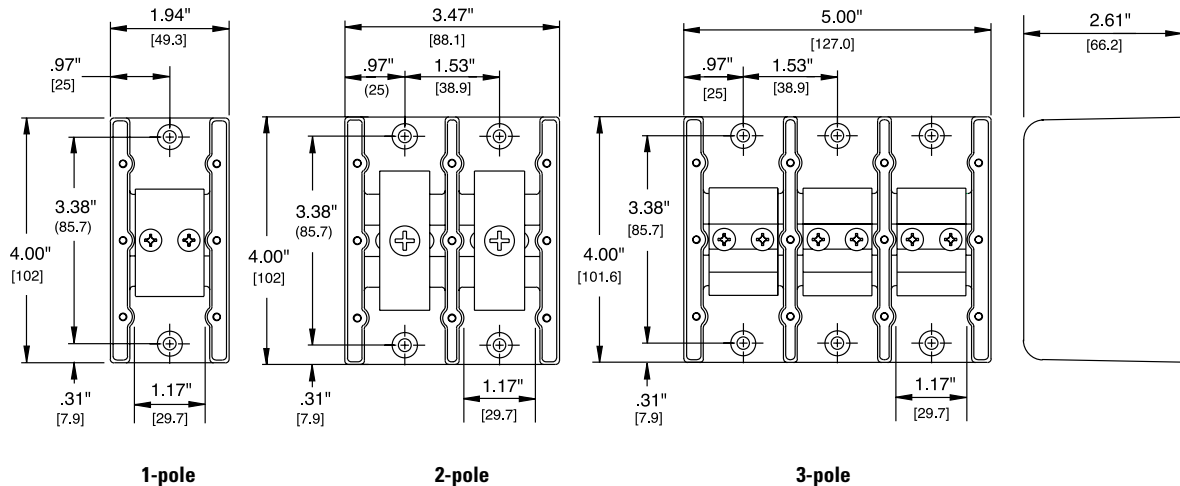
LX2XXX-XDIN

Figure 4



LX3XXX

Figure 5



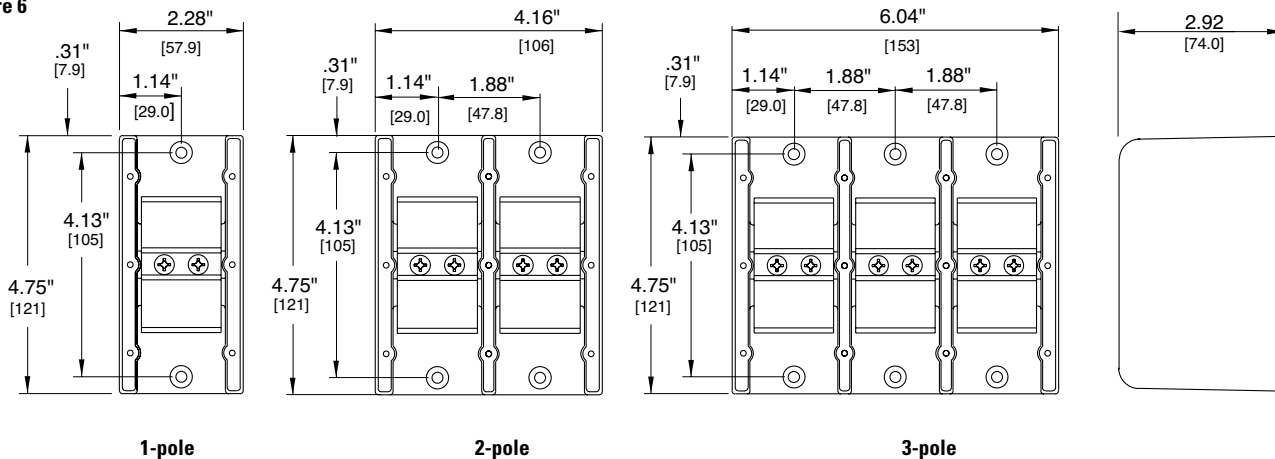
Dimensions available at www.littelfuse.com/powr-blocs

DISTRIBUTION/SPLICER BLOCKS AND COVERS DIMENSIONS

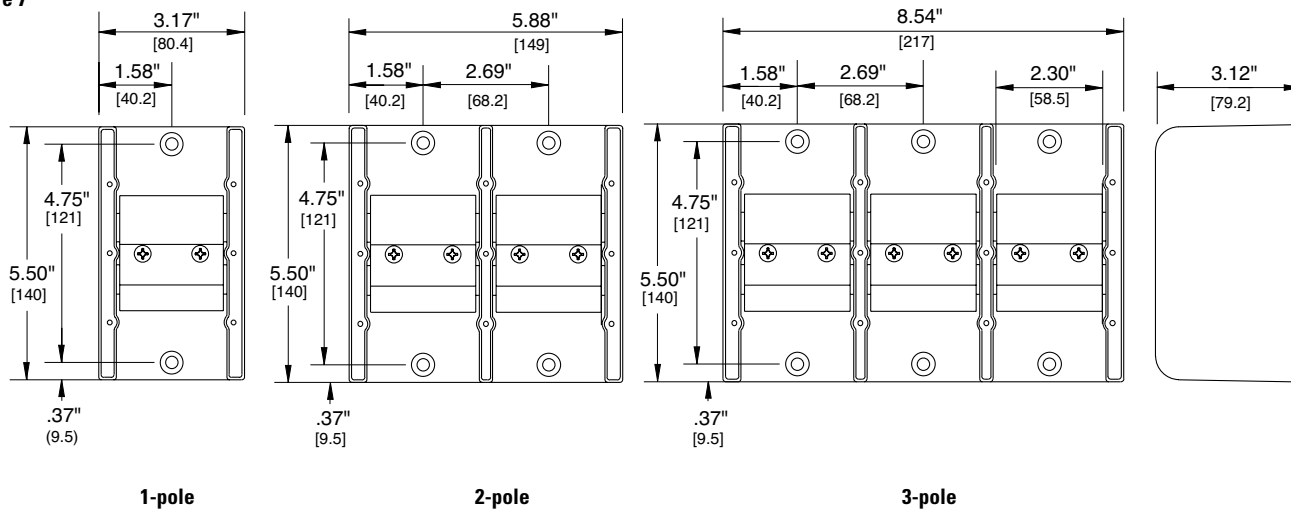
Outline Drawing Figures

Dimensions in inches (mm)

LX4XXX
Figure 6



LX5XXX
Figure 7



Dimensions available at www.littelfuse.com/powr-bloks

IN-LINE GLASS FUSEHOLDERS

150322



Specifications

Voltage Rating:	500 VAC, 125 VDC
Ampere Rating:	15 A
Fuse Type:	¼" x 1¼"
Fuse Clips:	Tin-plated brass
Wire:	Black 18 AWG, 150° C Stranded
Molded Body:	Single piece thermoplastic
Flammability Rating:	UL94 V-0
Approvals:	UL Recognized (File No. E14721)
Environmental:	RoHS compliant and Pb free
Storage Temperature:	-40° C to 80° C
Operating Temperature:	-55° C to 125° C

Ordering Information

CATALOG NUMBER	SYSTEM NUMBER	STANDARD PACK
150322	01500322H	100 PIECES

Description

The 150322 is a 500 VAC/125 VDC rated inline fuseholder ideal for applications where supplemental protection is needed, such as lighting ballasts and power supplies. 8-inch pre-stripped wire leads and fuse clips come preassembled for quick installation.

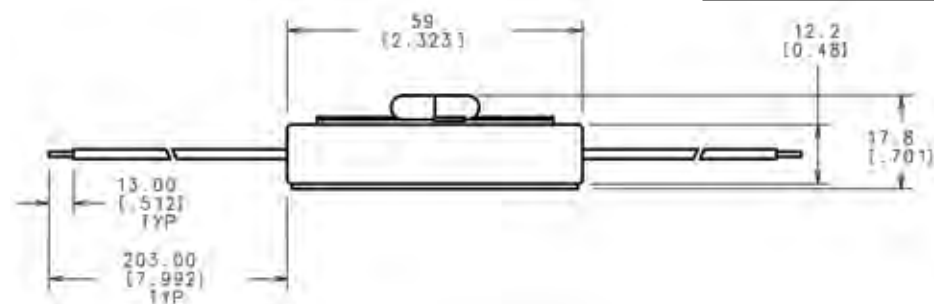
Features/Benefits

- Single piece body minimizes component count
- High voltage rating accommodates many power applications
- Wire leads are pre-attached to fuse clips for quick assembly
- Single piece molded body
- UL Recognized

Recommended Fuses

3AG (312, 313 Series).....	pg. 42
3AB (314, 326, 505 Series)	pg. 42

Dimensions in mm (inches)



Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/150322

Additional In-Line Glass Fuseholders

Twist-Lock

155 Series



In-Line Mount
Low Voltage 3AG, SFE



Heavy-Duty Bayonet

155 Series



In-Line Mount
Low Voltage 3AG



Special Type

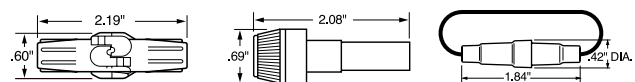
150 Series



In-Line Mount
2AG, 5x20mm



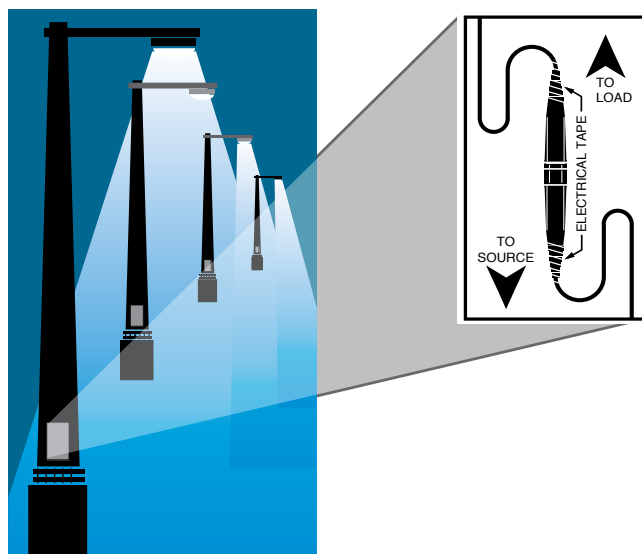
Dimensions in (inches)



Web Resources

For more information, visit: www.littelfuse.com/150
www.littelfuse.com/155

IN-LINE WATERTIGHT FUSEHOLDERS



Description

Littelfuse 600 V in-line watertight fuseholders allow maximum flexibility for high humidity/corrosive environments where fuses are required. A variety of options offer flexibility for several applications.

Applications

- Street lighting and parking lot lighting
- Sports lighting and various outdoor illuminated signs
- Boat electrical circuits, tractors/yard equipment and general outdoor circuit protection (such as traffic signals, alley lighting and electric wheelchairs)

Specifications

Voltage rating: 600 V
Ampere rating: 30 A
Interrupting rating: 200 kA 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)

Features/Benefits

- Design increases safety by individual device disconnection for easy servicing, eliminating shock risk
- Individual fixture fusing simplifies maintenance by allowing individual faulted fixture to be assessed and serviced without affecting the rest of the circuit
- Increases efficiency by preventing faulted ballast from severely damaging fixture or device
- Watertight seal
- Fiberglass reinforced polymer body resists damage from impact (better than phenolic look-a-likes)
- Variety of terminations available for flexible design
- Ultrasonically-welded terminals provide maximum strength and eliminate leakage
- Variety of fuseholders available with breakaway feature for applications where light poles may be accidentally knocked-down

Recommended Fuses:

LEB/LEX series:

Accepts all 1-1/2" x 13/32" Littelfuse Midget and Class CC fuses:

CCMR.....	pg. 33
KLDR, KLKR.....	pg. 34
BLF, BLN, FLM, FLO, KKK, KLKD.....	pg. 38

LEC/LEY series:

Accepts only Littelfuse Class CC fuses:

CCMR.....	pg. 33
KLDR, KLKR.....	pg. 34

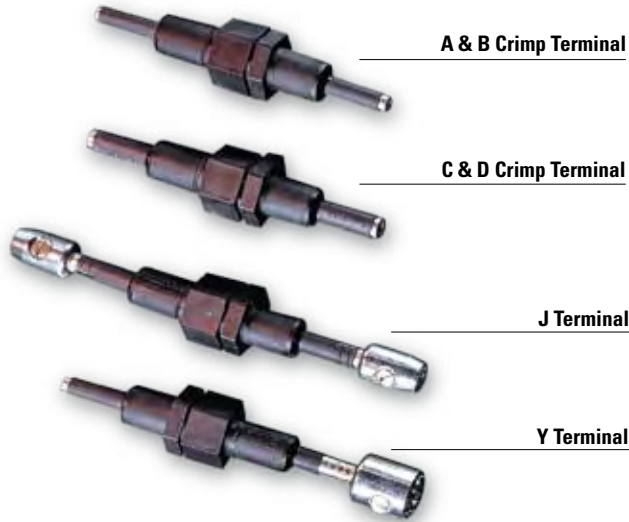
Web Resources

Sample requests, downloadable CAD drawings and other technical information:

www.littelfuse.com/leb
www.littelfuse.com/lec
www.littelfuse.com/lex
www.littelfuse.com/ley
www.littelfuse.com/let

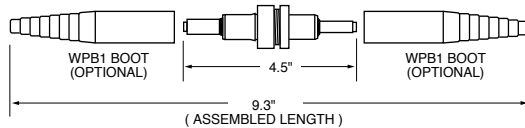
FUSEHOLDER TYPE	DESCRIPTION
LEB	One-pole in-line fuseholder for Midget and Class CC fuses
LEC	One-pole in-line fuseholder for Class CC fuses
LET	One-pole in-line solid neutral disconnect
LEX	Two-pole in-line fuseholder for Midget and Class CC fuses
LEY	Two-pole in-line fuseholder for Class CC fuses

IN-LINE WATERTIGHT FUSEHOLDERS

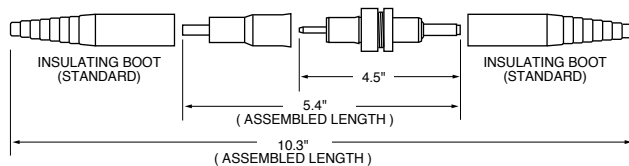


Dimensions in inches

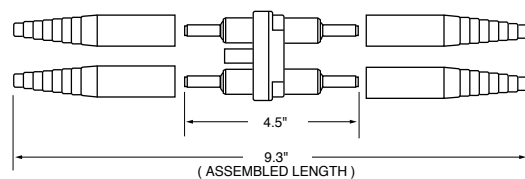
1-Pole



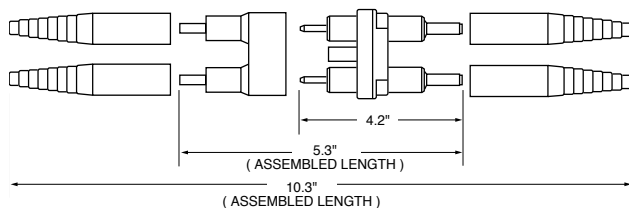
1-Pole Breakaway



2-Pole

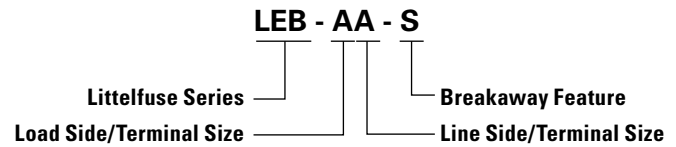


2-Pole Breakaway



Ordering Information

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



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 NUMBER	BURNDY PART NUMBER
A	WT161M	—
B	WT161M	MR4C
C	M5-GREY	Hypress Y34A
D	M5-BROWN	Hypress Y34A



Insulating Boots

- Molded from engineering-grade thermoplastics, WPB1 and WPB3 boots provide high resistance to corrosive environments
- WPB1 contains one standard boot for A, B, C, D or J terminations
- WPB3 offers one Y-pole boot for use with Y-pole termination
- For watertight protection of non-breakaway Y-pole termination, order one WPB1 and one WPB3 boot

IN-LINE WATERTIGHT FUSEHOLDERS

Ordering Information (1-Pole LEB/LEC and 2-Pole LEX/LEY)

SINGLE POLE		DOUBLE POLE		FUSE TYPE	LOAD TERMINAL SELECTION					LINE TERMINAL SELECTION				
STANDARD PART NUMBER	BREAKAWAY PART NUMBER	STANDARD PART NUMBER	BREAKAWAY PART NUMBER		TERMINAL TYPE	LOAD TERMINAL WIRE SIZE RANGE	NUMBER OF WIRES PER TERMINAL	SOLID WIRE	STRANDED WIRE	TERMINAL TYPE	LINE TERMINAL WIRE SIZE RANGE	NUMBER OF WIRES PER TERMINAL	SOLID WIRE	STRANDED WIRE
LEB-AA LEC-AA	LEB-AA-S LEC-AA-S	LEX-AA LEY-AA	LEX-AA-S LEY-AA-S	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	• •	• •	Copper Crimp	#12 to #8 #12	1 2	• •	• •
LEB-AB LEC-AB	LEB-AB-S LEC-AB-S	LEX-AB LEY-AB	LEX-AB-S LEY-AB-S	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	• •	• •	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •
LEB-AC LEC-AC	— —	LEX-AC LEY-AC	— —	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	• •	• •	Copper Crimp	#8 #4	2 1	• —	• •
LEB-AD LEC-AD	— —	LEX-AD LEY-AD	— —	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	• •	• •	Copper Crimp	#6 #2	2 1	• —	• •
LEB-AJ LEC-AJ	LEB-AJ-S LEC-AJ-S	— —	— —	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	• •	• •	Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •
LEB-AYC LEC-AYC	LEB-AYC-S LEC-AYC-S	LEX-AYC LEY-AYC	LEX-AYC-S LEY-AYC-S	Midget Class CC	Copper Crimp	#12 to #8 #12	1 2	• •	• •	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •
LEB-BA LEC-BA	LEB-BA-S LEC-BA-S	LEX-BA LEY-BA	LEX-BA-S LEY-BA-S	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Crimp	#12 to #8 #12	1 2	• •	• •
LEB-BB LEC-BB	LEB-BB-S LEC-BB-S	LEX-BB LEY-BB	LEX-BB-S LEY-BB-S	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •
LEB-BC LEC-BC	— —	LEX-BC LEY-BC	— —	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Crimp	#8 #4	2 1	• —	• •
LEB-BD LEC-BD	— —	LEX-BD LEY-BD	— —	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Crimp	#6 #2	2 1	• —	• •
LEB-BJ LEC-BJ	LEB-BJ-S LEC-BJ-S	— —	— —	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •
LEB-BYC LEC-BYC	LEB-BYC-S LEC-BYC-S	LEX-BYC LEY-BYC	LEX-BYC-S LEY-BYC-S	Midget Class CC	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •
LEB-CA LEC-CA	— —	LEX-CA LEY-CA	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	• —	• •	Copper Crimp	#12 to #8 #12	1 2	• •	• •
LEB-CB LEC-CB	— —	LEX-CB LEY-CB	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	• —	• •	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •
LEB-CC LEC-CC	— —	LEX-CC LEY-CC	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	• —	• •	Copper Crimp	#8 #4	2 1	• —	• •
LEB-CD LEC-CD	— —	LEX-CD LEY-CD	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	• —	• •	Copper Crimp	#6 #2	2 1	• —	• •
LEB-CJ LEC-CJ	— —	LEX-CJ LEY-CJ	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	• —	• •	Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	• •
LEB-CYC LEC-CYC	— —	LEX-CYC LEY-CYC	— —	Midget Class CC	Copper Crimp	#8 #4	2 1	• —	• •	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •
LEB-DA LEC-DA	— —	LEX-DA LEY-DA	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	• —	• •	Copper Crimp	#12 to #8 #12	1 2	• •	— •
LEB-DB LEC-DB	— —	LEX-DB LEY-DB	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	• —	• •	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •
LEB-DC LEC-DC	— —	LEX-DC LEY-DC	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	• —	• •	Copper Crimp	#8 #4	2 1	• —	• •
LEB-DD LEC-DD	— —	LEX-DD LEY-DD	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	• —	• •	Copper Crimp	#6 #2	2 1	• —	• •
LEB-DJ LEC-DJ	— —	LEX-DJ LEY-DJ	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	• —	• •	Copper Set-Screw	#12 to #8 #10 to #2	2 1	• —	• •
LEB-DYC LEC-DYC	— —	LEX-DYC LEY-DYC	— —	Midget Class CC	Copper Crimp	#6 #2	2 1	• —	• •	"Y" Type Copper Set-Screw	#12 to #8 #10 to #8	1 1	• —	— •
LEB-JJ LEC-JJ	LEB-JJ-S LEC-JJ-S	LEX-JJ LEY-JJ	LEX-JJ-S LEY-JJ-S	Midget Class CC	Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •	Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •
LEB-JYC LEC-JYC	LEB-JYC-S LEC-JYC-S	— —	— —	Midget Class CC	Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •

IN-LINE WATERTIGHT FUSEHOLDERS

Ordering Information (Solid Neutral LET Fuseholders)

STANDARD PART NUMBER	BREAKAWAY PART NUMBER	FUSE TYPE	LOAD TERMINAL SELECTION					LINE TERMINAL SELECTION				
			TERMINAL TYPE	LOAD TERMINAL WIRE SIZE RANGE	NUMBER OF WIRES PER TERMINAL	SOLID WIRE	STRANDED WIRE	TERMINAL TYPE	LINE TERMINAL WIRE SIZE RANGE	NUMBER OF WIRES PER TERMINAL	SOLID WIRE	STRANDED WIRE
LET-AA	LET-AA-S	Solid Neutral	Copper Crimp	#12 to #8	1	•	•	Copper Crimp	#12 to #8	1	•	•
				#12	2	•	•		#12	2	•	•
LET-AB	LET-AB-S	Solid Neutral	Copper Crimp	#12 to #8	1	•	•	Copper Crimp	#10	2	•	•
				#12	2	•	•		#6	1	•	•
									#4	1	—	•
LET-AYC	LET-AYC-S	Solid Neutral	Copper Crimp	#12 to #8	1	•	•	"Y" Type Copper Set-Screw	#12 to #8	1	•	—
				#12	2	•	•		#10 to #2	1	—	•
LET-BA	LET-BA-S	Solid Neutral	Copper Crimp	#10	2	•	•	Copper Crimp	#12 to #8	1	•	•
				#6	1	•	•		#12	2	•	•
				#4	1	—	•					
LET-BB	LET-BB-S	Solid Neutral	Copper Crimp	#10	2	•	•	Copper Crimp	#10	2	•	•
				#6	1	•	•		#6	1	•	•
				#4	1	—	•		#4	1	—	•
LET-BYC	LET-BYC-S	Solid Neutral	Copper Crimp	#10	2	•	•	"Y" Type Copper Set-Screw	#12 to #8	1	•	—
				#6	1	•	•		#10 to #2	1	—	•
				#4	1	—	•					
LET-JJ	LET-JJ-S	Solid Neutral	Copper Set-Screw	#12 to #8	1	•	—	Copper Set-Screw	#12 to #8	1	•	—
				#10 to #2	1	—	•		#10 to #2	1	—	•
LET-JYC	LET-JYC-S	Solid Neutral	Copper Set-Screw	#12 to #8	1	•	—	"Y" Type Copper Set-Screw	#12 to #8	1	•	—
				#10 to #2	1	—	•		#10 to #2	1	—	•

Ordering Information (Terminals)

TERMINAL DESIGNATION	TERMINAL DESCRIPTION	NUMBER OF WIRES PER TERMINAL	WIRE RANGE	SOLID WIRE	STRANDED WIRE
A	Copper Crimp	1	#12-#8	•	•
		2	#12	•	•
B	Copper Crimp	2	#10	•	•
		1	#6	•	•
		1	#4	—	•
C	Copper Crimp	2	#8	•	•
		1	#4	—	•
D	Copper Crimp	2	#6	•	•
		1	#2	—	•
J	Copper Set-Screw	1	#12-#8	•	—
		1	#10-#2	—	•
Y (2 terminals)	"Y" Style Copper Set-Screw	1	#12-#8	•	—
		1	#10-#2	—	•

IN-LINE WATERTIGHT FUSEHOLDERS

Two-Pole Breakaway Holder



Features/Benefits

- LEXT-YY version has a permanently installed “neutral” slug to prevent the neutral from accidentally being fused
- LEX-YY version allows for fusing of line-to-line loads or other applications requiring two fuses to disconnect under strain
- Fiberglass polymer body resists damage from impact
- Four “Y” type set-screw terminals accommodate a wide range of solid and stranded Cu or Al conductors
- O-ring and terminal boots form watertight seal, preventing leakage

Specifications

Part numbers:	LEXT-YY-S (Solid neutral) LEX-YYC-S
Voltage Rating:	600 VAC/VDC
Ampere Rating:	30 A
Interrupting Rating:	200 kA with Class CC Fuses
Y Terminals:	Tin Plated Copper w/ set screws
Wire Size:	1 solid #12 to #8 or 1 stranded #10 to #2
Approvals:	UL Recognized (File E14721) CSA Certified (File LR7316)

Description

New Littelfuse LEXT-YY-S and LEX-YYC-S series breakaway fuseholders meet state and federal highway commission safety standards requiring fuseholders to readily disconnect from power 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. If a knockdown occurs, the parts separate, leaving the energized conductor recessed and unexposed.

Applications

- Street lighting
- Marinas
- Travel trailer parks and other locations where fuseholders may be exposed to physical strain

Web Resources

Sample requests, downloadable CAD drawings and other technical information: www.littelfuse.com/lext
www.littelfuse.com/lex

Ordering Information

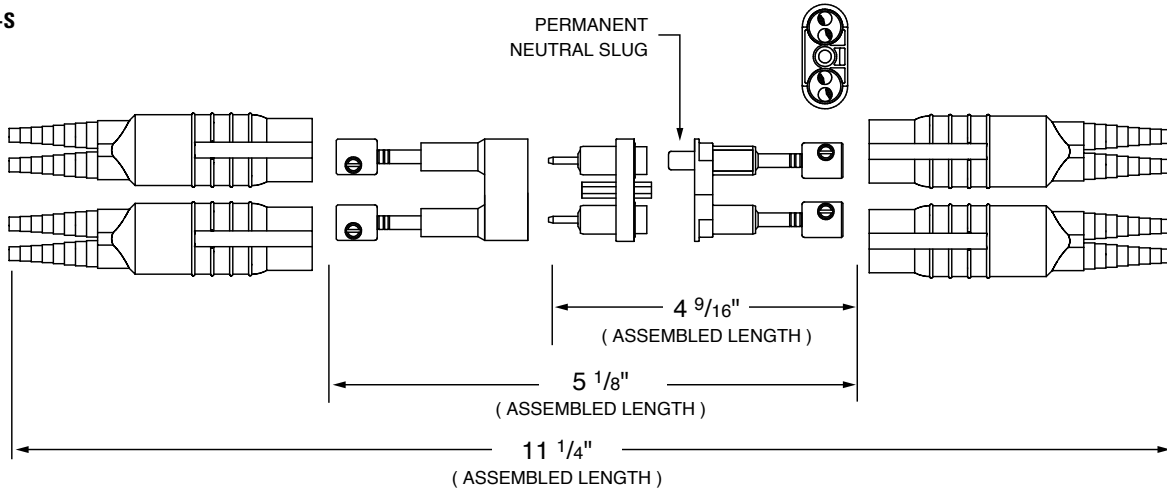
CATALOG/SYSTEM NUMBER		FUSE TYPE	LOAD TERMINAL SELECTION					LINE TERMINAL SELECTION				
			TERMINAL TYPE	LOAD TERMINAL WIRE SIZE RANGE	NUMBER OF WIRES PER TERMINAL	SOLID WIRE	STANDARD WIRE	TERMINAL TYPE	LINE TERMINAL WIRE SIZE RANGE	NUMBER OF WIRES PER TERMINAL	SOLID WIRE	STANDARD WIRE
LEXTYYS	LEXT0YYSX	Midget Class CC	“Y” type Copper Set-Screw	#12 to #8	1	•	—	“Y” type Copper Set-Screw	#12 to #8	1	•	—
				#10 to #2	1	—	•		#10 to #2	1	—	•
LEXYYS	OLEXYYSX	Midget Class CC	“Y” type Copper Set-Screw	#12 to #8	1	•	—	“Y” type Copper Set-Screw	#12 to #8	1	•	—
				#10 to #2	1	—	•		#10 to #2	1	—	•

IN-LINE WATERTIGHT FUSEHOLDERS

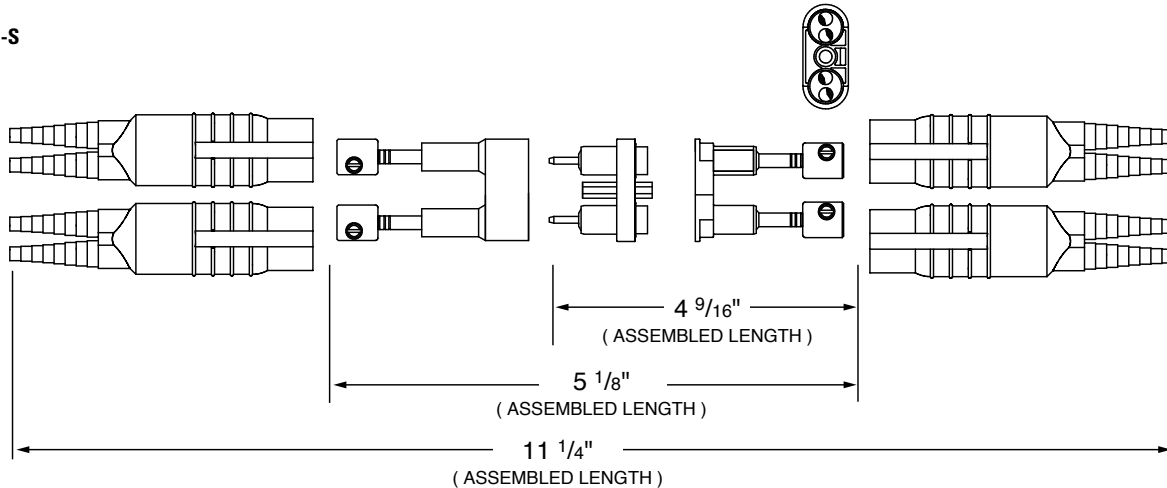
Two-Pole Breakaway Holder

Dimensions in inches

LEX-YY-S



LEX-YY-C-S



Recommended Fuses

Midget Littelfuse types: BLF, BLN, FLM, FLO, KKK, KLKDpg. 38
Class CC Littelfuse types: CCMR, KLDR, KKKR..... pg. 33-35

Four WPB3 insulating boots come standard with the LEX-YY-S and LEX-YY-C-S fuseholders. Molded from non-conductive engineering grade thermoplastic to deliver a watertight seal in corrosive environments, they can be trimmed to the specific conductor size insuring a snug fit.