

Section Overview

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



➔ BLOCKS AND HOLDERS ➔

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FUSE BLOCK OVERVIEW



Description

Littelfuse offers a comprehensive line of fuse blocks 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 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

Fuse Block Selection

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

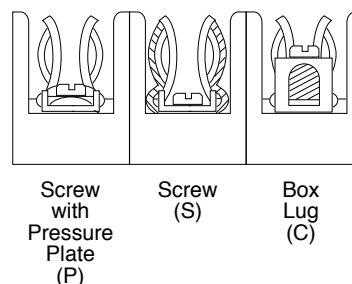
- 1. Determine the system voltage**—Since fuses are selected on the basis of system voltage, fuse blocks are selected to match the voltage rating of the fuse.
- 2. Determine the design short-circuit current**—If available short-circuit current cannot be determined, or if it will vary with equipment location, select fuses with a 200,000 ampere interrupting rating (A.I.R.) and mating fuse blocks with a withstand rating of 200,000 amperes for maximum safety.
- 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. Fuse blocks may be used with a fuse rated at the corresponding ampere rating or below. For example, a fuse block rated at 30 amperes may be used with a fuse rated from 0 to 30 amperes.
- 4. Determine if NEC®, CSA, UL, or other requirements are applicable**—Any of these requirements should be obtained from the approving agency in advance of fuse and fuse block 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 are available on the Midget and Class CC fuse blocks.



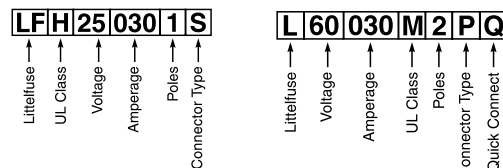
6. Decide on the number of poles in each block—The number of poles for each set of fuses is determined by the characteristics of the circuit.

7. Determine if block should be DIN Rail mounted—Many of the new Littelfuse fuse blocks 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 fuse block part number consists of the below skeleton. Please refer to UL Class Tables for specific information.



***For all Class R, H, J, G and T Fuse blocks**

For all Class CC, and Midget-Style

†These new fuse blocks replace previous Littelfuse fuse blocks 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 fuse blocks 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 fuse blocks.

LF SERIES INDICATING FUSE BLOCKS



**Smaller Footprint
Provides Space Savings**



**DIN-Rail Mounting
Eases Installation**



**Indication Improves
Functionality**

An Indication of Value

The Littelfuse LF Series Fuse Blocks and Covers offer generous space savings and a greater value over previous generations. View the different series classes for available indication, snap-to-release DIN rail mounting, universal mounting holes and touch-safe covers.

LF SERIES CLASS J FUSE BLOCKS

600 V



Patent
US8810420



Description

The Littelfuse 600 V Class J blocks offer generous space savings and enhanced value over previous generations, such as indication, snap-to-release DIN-rail mounting and universal mounting holes.

Features/Benefits

- Space-saving design – up to 45% smaller
- Universal mounting holes for easy replacement
- Indication offered on all versions except 200–600 A
- One hand release from DIN rail for ferrule style fuses
- Reinforced fuse clips are standard on all Class J blocks
- Covers available for 100 A and lower to enhance safety
- Both hex and slot set screw options available on 30A and 60A box lugs

Specifications

Voltage Ratings	600 V
Ampere Ratings	0 – 600 A
Leakage Current	<0.6 mA at 600 V
Flammability Rating	UL94 V-0
Approvals	UL Listed (File: E14721) CSA Certified (File: LR7316)
Environmental	RoHS Compliant, Lead (Pb) Free REACH Compliant

Recommended Fuses

Time Delay
Series: JTD_ID
Series: JTD

Fast Acting
Series: JLS

For information about Touch-Safe Class J fuse holders:
Littelfuse.com/lfpsj

Web Resources

Sample requests, downloadable CAD drawings, fuse block cover datasheet and other technical information:

Littelfuse.com/fuseblocks
Littelfuse.com/lfj

Ordering Information (Class J 600 V)

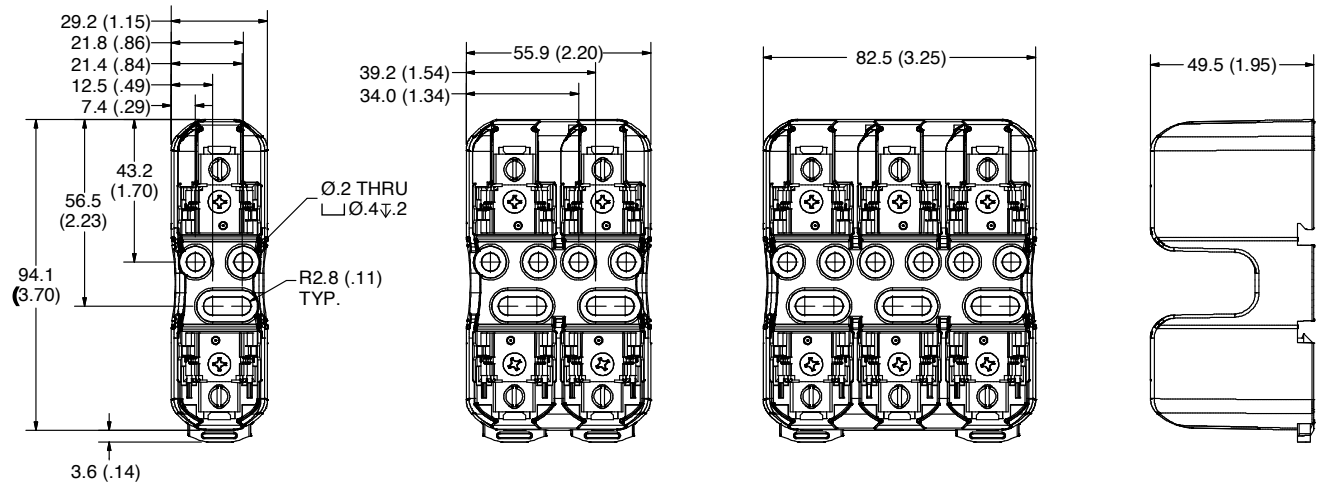
AMP RATING	POLES	ORDERING NUMBER					TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	DIN RAIL	INDICATION	COVER ORDERING NUMBER*
		BASE PART NUMBER	TERMINAL SUFFIX												
			BOX LUG HEX	BOX LUG SLOT	PRESSURE PLATE	SCREW									
30	1	LFJ600301	CID-HX	CID	PID	SID	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only	Solid / Stranded	125°C	●	●	LFJ60030FBC
	2	LFJ600302	CID-HX	CID	PID	SID		P	10-14 AWG						
	3	LFJ600303	CID-HX	CID	PID	SID		S	10-22 AWG						
60	1	LFJ600601	CID-HX	CID	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		CU-AL		125°C	●	●	LFJ60060FBC
	2	LFJ600602	CID-HX	CID	—	—	2.8 N-m (25 in-lbs)	6-14 AWG							
	3	LFJ600603	CID-HX	CID	—	—		6-14 AWG							
100	1	LFJ601001	C	—	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		CU-AL		130°C	—	●	LFJ60100FBC
	3	LFJ601003	C	—	—	—	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		130°C	—	—	—
	3	LFJ602003	C	—	—	—		250 kcmil-6							
400	1	LFJ604001	C	—	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL	130°C	—	—	—	
	3	LFJ604003	C	—	—	—		(2) 350 kcmil-1/0							
600	1	LFJ606001	C	—	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL	130°C	—	—	—	
	3	LFJ606003	C	—	—	—		(2) 500 kcmil-4							

Note: Reinforcing springs standard on all Class J fuse blocks.
*Covers sold individually. One cover needed for each pole.

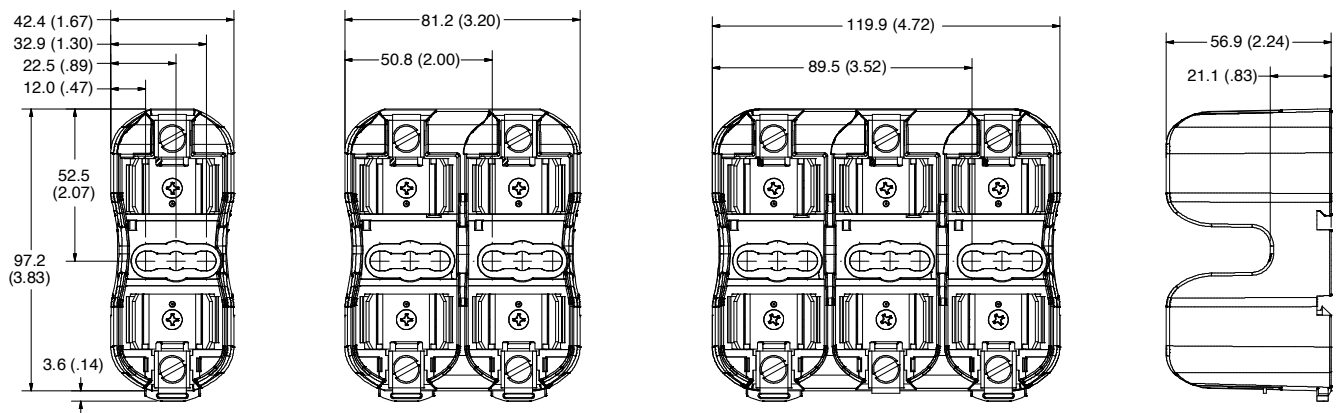
CLASS J FUSE BLOCK DIMENSIONS

Dimensions mm (inches)

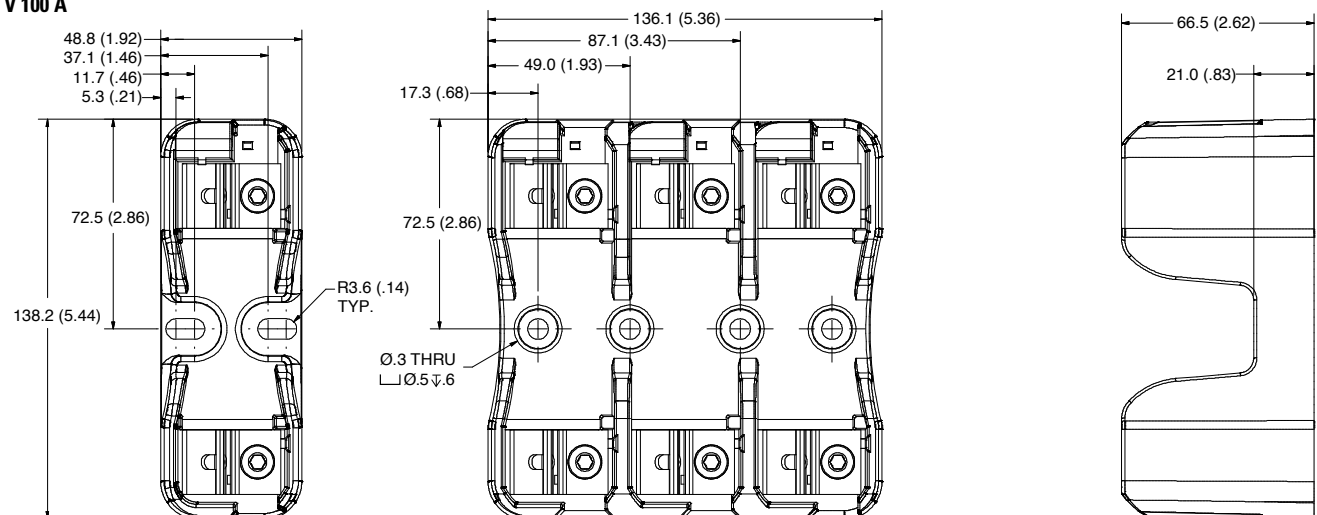
600 V 30 A



600 V 60 A



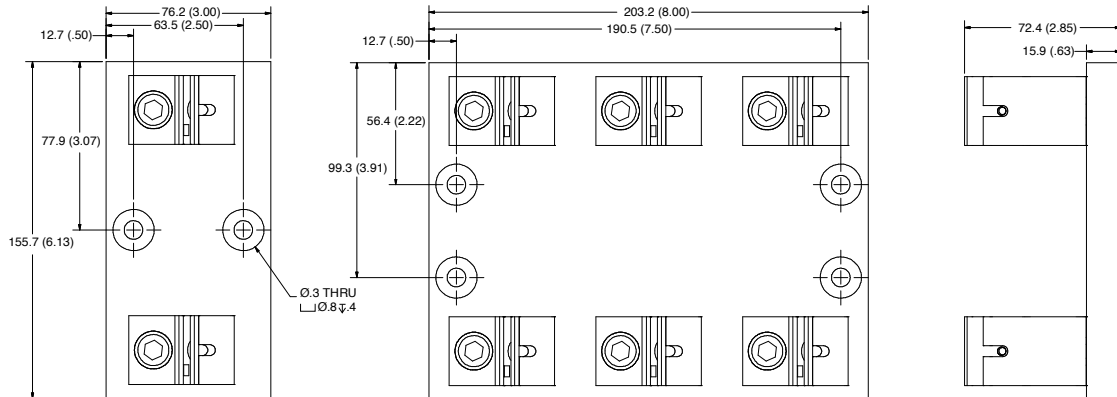
600 V 100 A



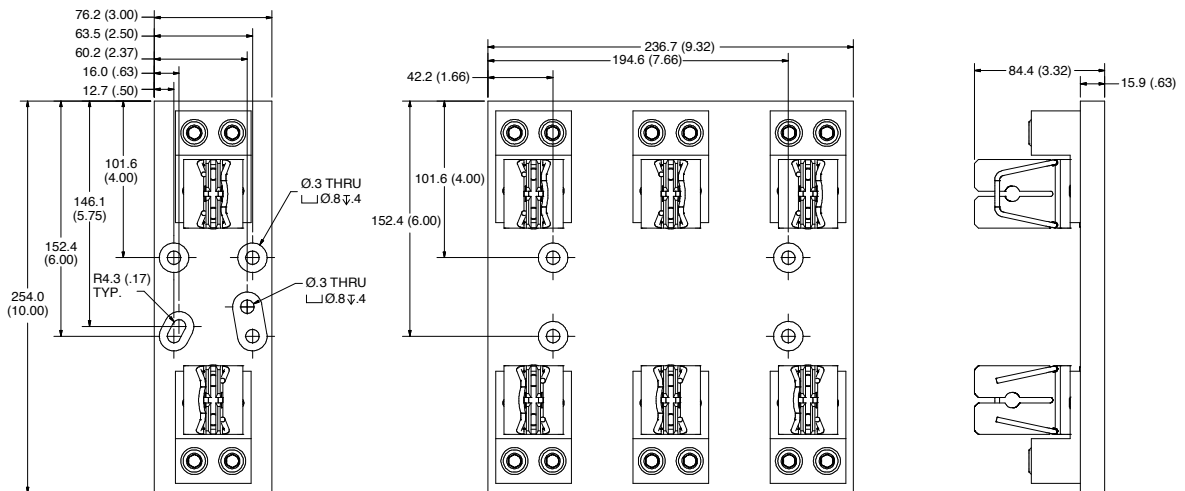
CLASS J FUSE BLOCK DIMENSIONS

Dimensions mm (inches)

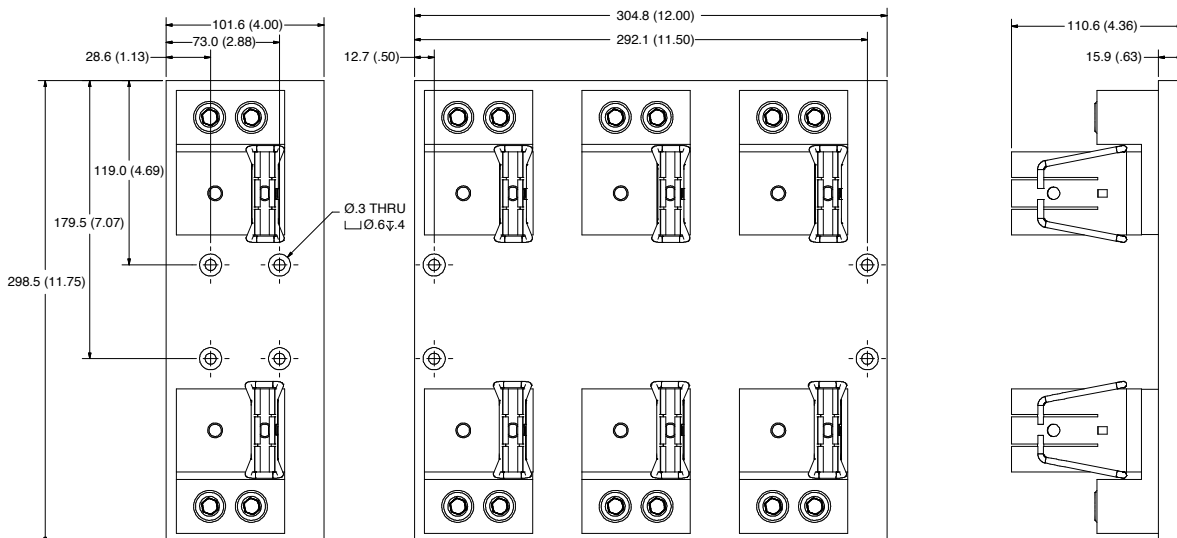
600 V 200 A



600 V 400 A



600 V 600 A



LF SERIES CLASS R & H/K5 FUSE BLOCKS

250 V • 600 V



Description

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

Features/Benefits

- Universal mounting holes for easy replacement
- Indication offered on most 250 V and 600 V versions
- One hand release from DIN rail for ferrule style fuses
- Reinforced fuse clips are standard on all Class H and Class R fuse blocks
- Covers available for 100 A and lower to enhance safety

Web Resources

Download CAD drawings, fuse block cover datasheet and other technical information: Littelfuse.com/lfr
Littelfuse.com/lfh

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: E14721) CSA Certified (File: LR7316)
Environmental	RoHS Compliant, Lead (Pb) Free

Recommended Fuses

250 V – Class R Blocks

LLNRK	13
KLNR	15
FLNR/FLNR_ID	17

250 V – Class H / K5 Blocks

NLN	20
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600 V – Class R Blocks

LLSRK/LLSRK_ID	13
KLSR	15
IDSR	16
FLSR/FLSR_ID	17

600 V – Class H / K5 Blocks

NLS	20
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Ordering Information (Class H 250 V)

AMP RATING	POLES	ORDERING NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	DIN RAIL	INDICATION	COVER ORDERING NUMBER
		BASE PART NUMBER	SUFFIX											
			BOX LUG	PRESSURE PLATE	SCREW									
30	1	LFH250301	C	P	S	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only		125°C	●	—	LFH25030FBC
	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		125°C	●	●	LFH25060FBC
	2	LFH250602	CID	—	—		6-14 AWG							
	3	LFH250603	CID	—	—		2/0-6 AWG							
100	1	LFH251001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		CU-AL	Solid/ Stranded	130°C	—	●	LFH25100FBC
					8 AWG									
	3	LFH251003	CID	—	—		10-14 AWG							
200	1	LFH252001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL		130°C	—	—	—
	3	LFH252003	C	—	—									
400	1	LFH254001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL		130°C	—	—	—
	3	LFH254003	C	—	—									
600	1	LFH256001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL		130°C	—	—	—
	3	LFH256003	C	—	—									

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

*Covers sold individually. One cover needed for each pole.

LF SERIES CLASS R & H/K5 FUSE BLOCKS

Ordering Information (Class H 600 V)

AMP RATING	POLES	ORDERING NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE	INDICATION	COVER ORDERING NUMBER*	
		BASE ORDERING 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		130°C	●	●	LFH60030FBC	
	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		130°C	●	●	LFH60060FBC	
	2	LFH600602	CID	—	—		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	—	●	LFH60100FBC	
					4.5 N-m (40 in-lbs)		8 AWG								
	3	LFH601003	CID	—	—		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		130°C	—	—	—	
	3	LFH602003	C	—	—										
400	1	LFH604001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL		130°C	—	—	—	
	3	LFH604003	C	—	—										
600	1	LFH606001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL		130°C	—	—	—	
	3	LFH606003	C	—	—										

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

Ordering Information (Class R 250 V)

AMP RATING	POLES	ORDERING NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE	INDICATION	COVER ORDERING NUMBER*
		BASE ORDERING 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		125°C	●	—	LFH25030FBC
	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		125°C	●	●	LFH25060FBC
	2	LFR250602	CID	—	—		6-14 AWG							
	3	LFR250603	CID	—	—		2/0-6 AWG							
100	1	LFR251001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		CU-AL	Solid/ Stranded	130°C	—	●	LFH25100FBC
					8 AWG									
	3	LFR251003	CID	—	—		10-14 AWG							
200	1	LFR252001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL		130°C	—	—	—
	3	LFR252003	C	—	—									
400	1	LFR254001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL		130°C	—	—	—
	3	LFR254003	C	—	—									
600	1	LFR256001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL		130°C	—	—	—
	3	LFR256003	C	—	—									

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

Ordering Information (Class R 600 V)

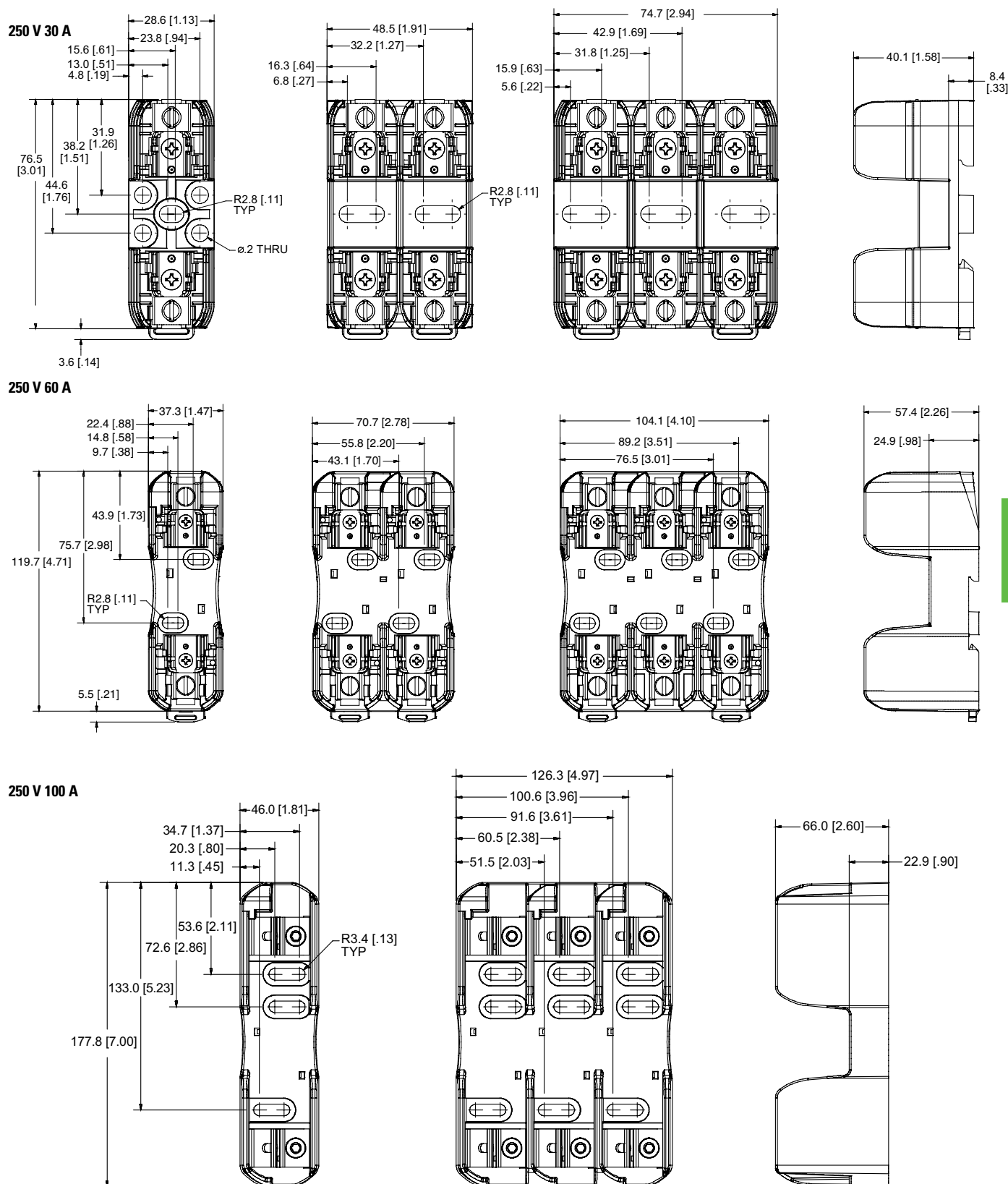
AMP RATING	POLES	ORDERING NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE	INDICATION	COVER ORDERING NUMBER*
		BASE ORDERING NUMBER	SUFFIX											
			BOX LUG	PRESSURE PLATE	SCREW									
30	1	LFR600301	CID	PID	SID	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only		130°C	●	●	LFH60030FBC
	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		130°C	●	●	LFH60060FBC
	2	LFR600602	CID	—	—		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	—	●	LFH60100FBC
					4.5 N-m (40 in-lbs)	8 AWG								
	3	LFR601003	CID	—	—	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		130°C	—	—	—
	3	LFR602003	C	—	—									
400	1	LFR604001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL		130°C	—	—	—
	3	LFR604003	C	—	—									
600	1	LFR606001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL		130°C	—	—	—
	3	LFR606003	C	—	—									

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

*Covers sold individually. One cover needed for each pole.

LF SERIES CLASS R & H/K5 FUSE BLOCKS

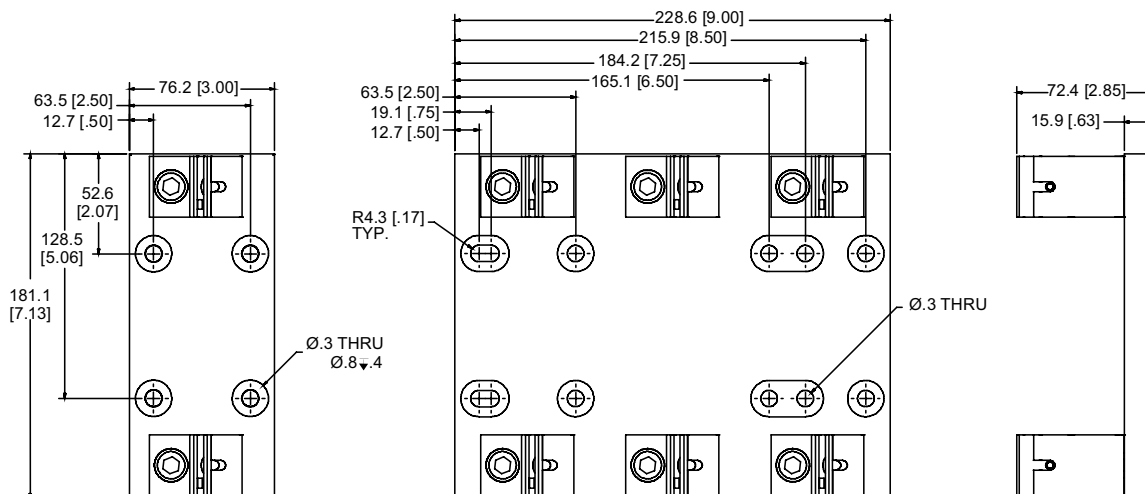
Dimensions mm (inches)



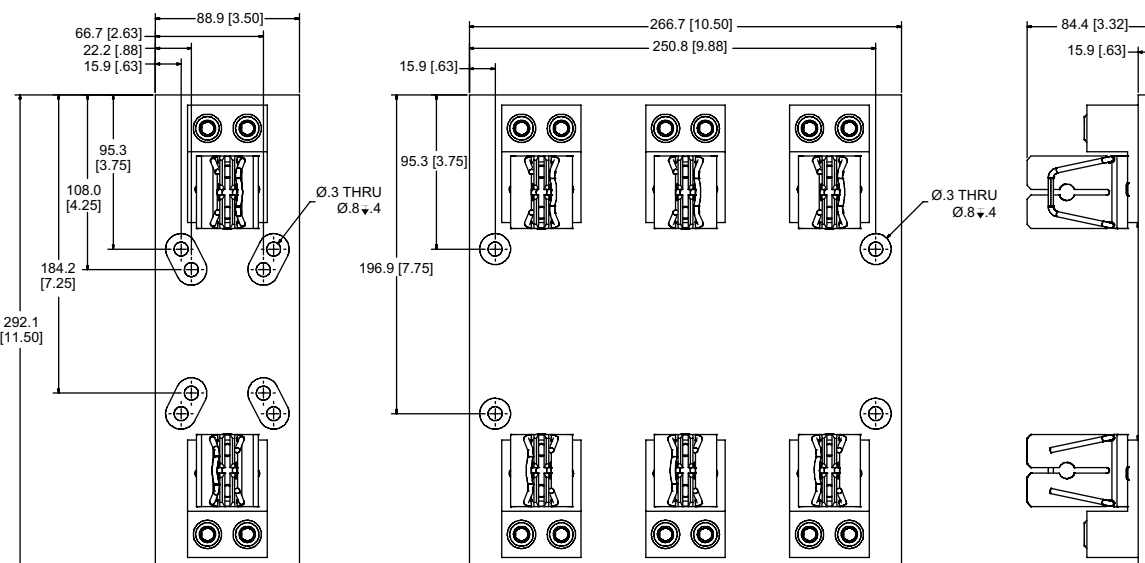
LF SERIES CLASS R & H/K5 FUSE BLOCKS

Dimensions mm (inches)

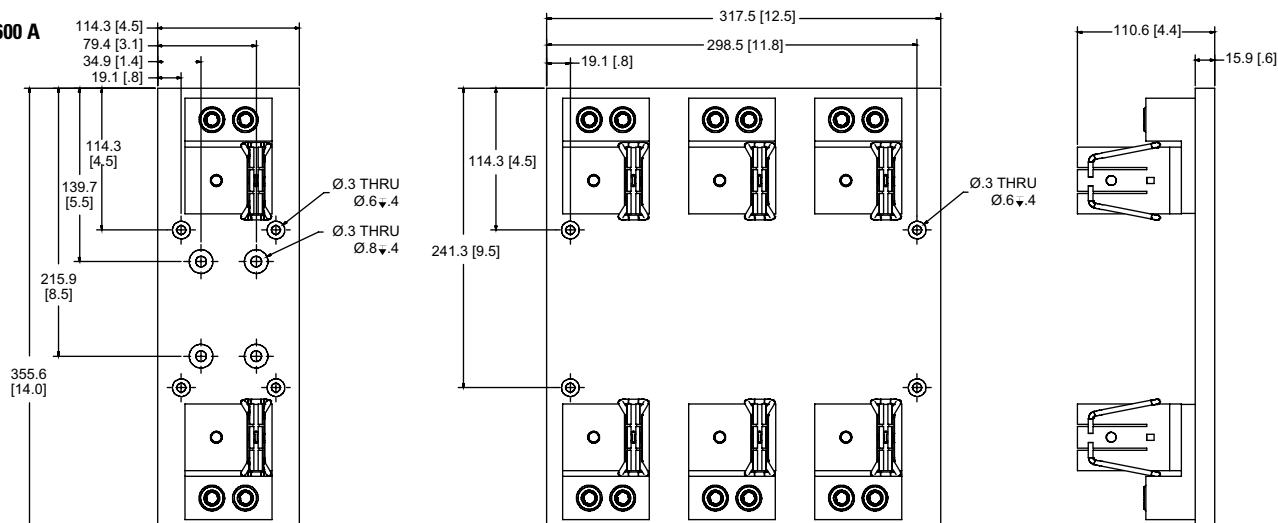
250 V 200 A



250 V 400 A

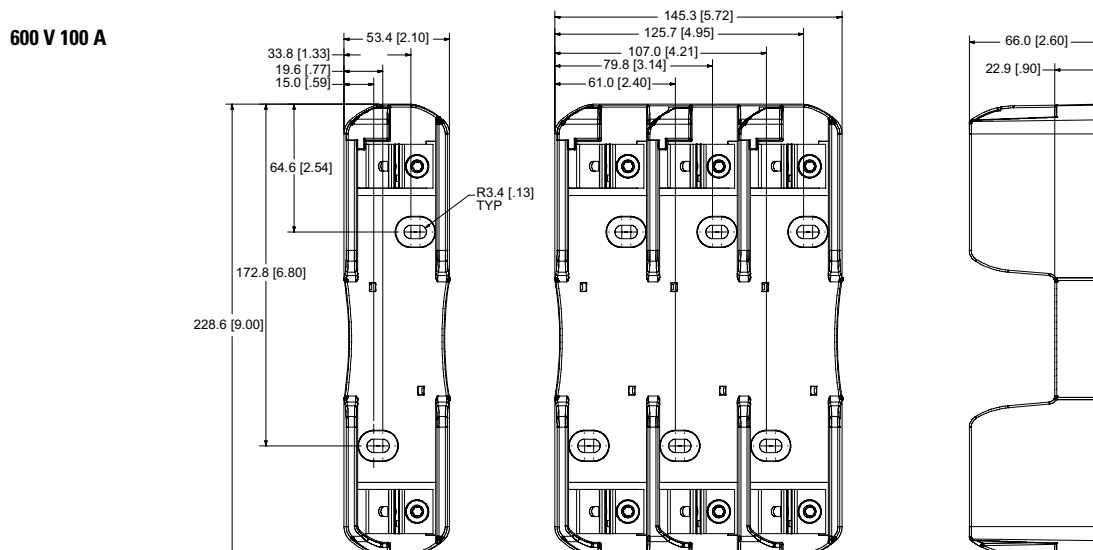
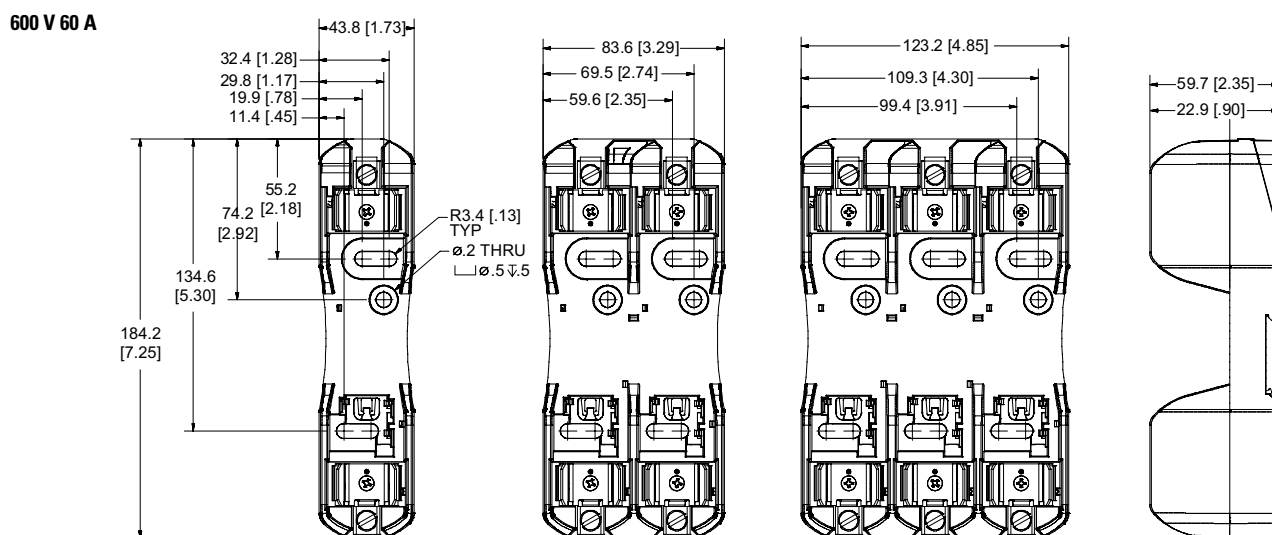
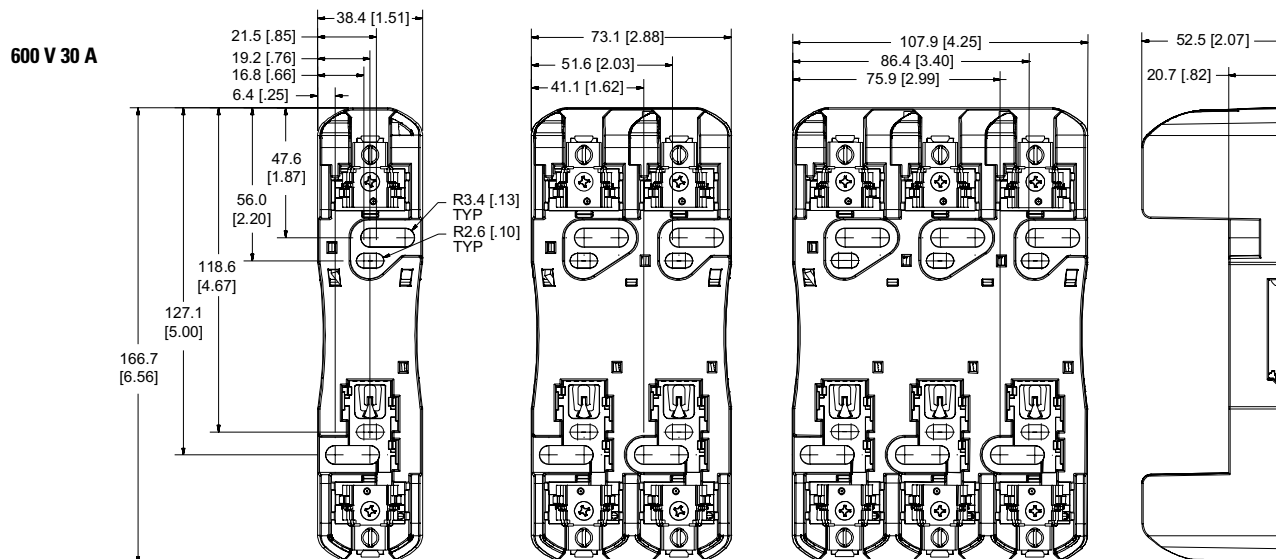


250 V 600 A



LF SERIES CLASS R & H/K5 FUSE BLOCKS

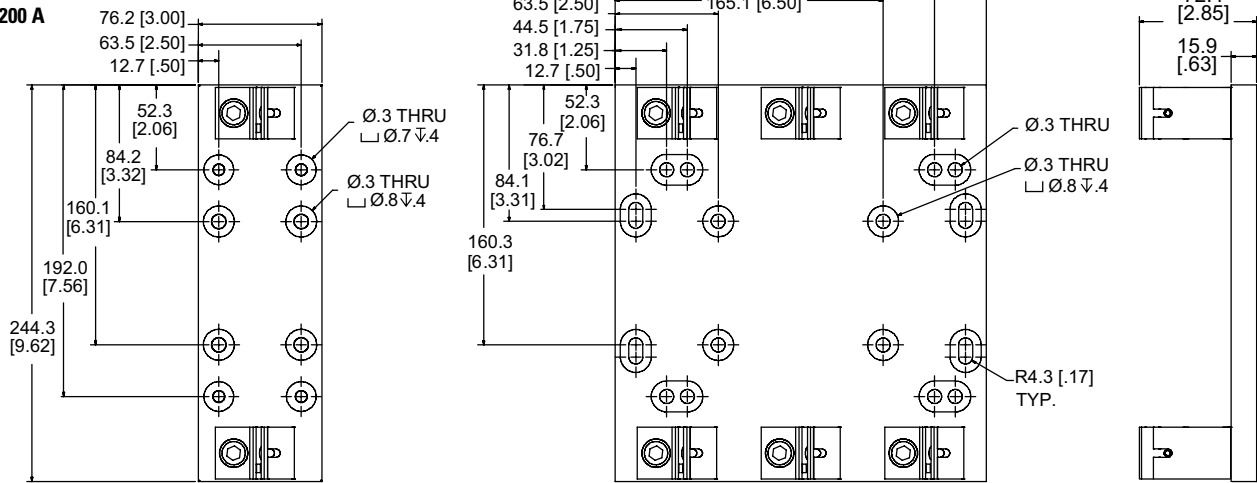
Dimensions mm (inches)



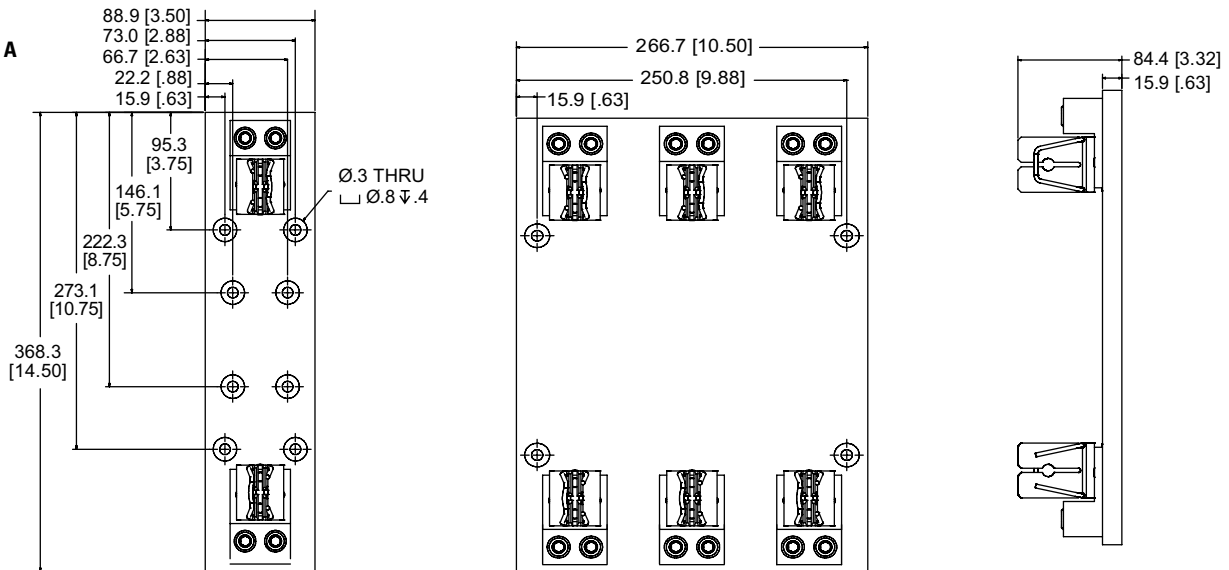
LF SERIES CLASS R & H/K5 FUSE BLOCKS

Dimensions mm (inches)

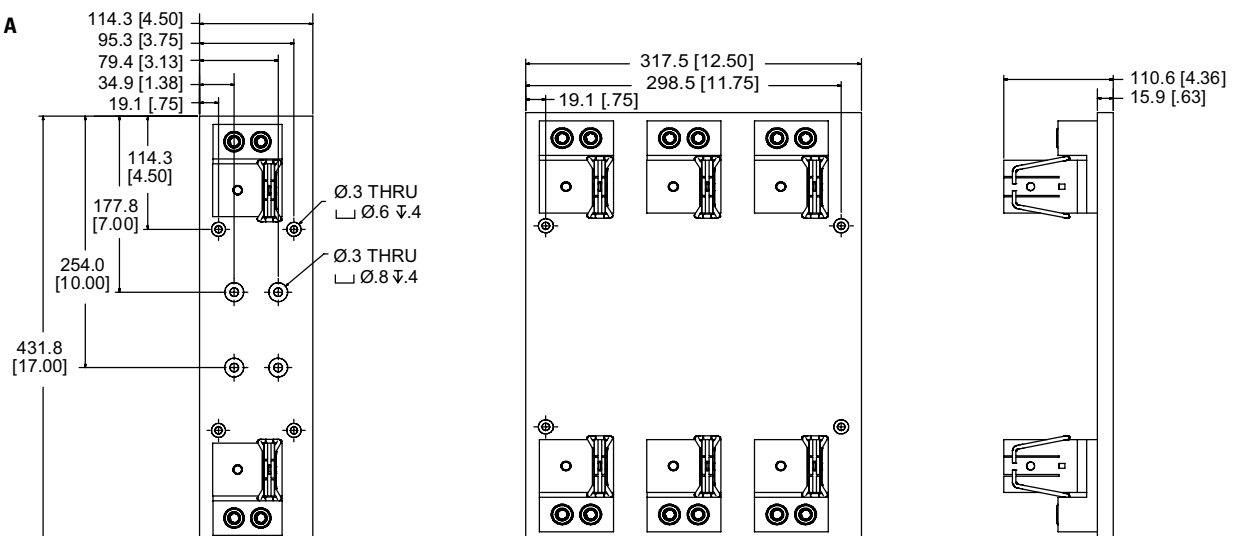
600 V 200 A



600 V 400 A



600 V 600 A



LF SERIES CLASS T FUSE BLOCKS

300 V • 600 V



Description

The Littelfuse Class T fuse blocks offer many advantages such as space saving design, universal mounting holes, snap-to-release DIN rail mounts and available covers.

Features/Benefits

- Space-saving design
- Universal mounting holes for easy replacement
- One hand release from DIN rail for 30–60 A fuses
- Reinforced fuse clips are standard
- Covers available for most amperages to enhance safety

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: E14721) CSA Certified (File: LR7316)
Environmental	RoHS Compliant, Lead (Pb) Free

Recommended Fuses

300 V JLLN	24
600 V JLLS	24

Web Resources

Sample requests, downloadable CAD drawings and other technical information:

littelfuse.com/lft
littelfuse.com/fuseblocks

Ordering Information (Class T 300 V)

AMP RATING	ORDERING NUMBER							TORQUE	WIRE RANGE	WIRE TYPE	BASE TEMP RATING	DIN RAIL MOUNT	COVER ORDERING NUMBER*
	BASE ORDERING 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)	2-4 AWG	CU-AL Solid/Stranded	125°C	•	LFT30030FBC
								2.8 N-m (25 in-lbs)	6-14 AWG				
60	LFT30060	1	2	3	C	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		125°C	•	LFT30060FBC
								2.8 N-m (25 in-lbs)	6-14 AWG				
100	LFT30100	1	—	3	CS	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		130°C	—	LFT30100FBC
								4.5 N-m (40 in-lbs)	8 AWG				
								4.0 N-m (35 in-lbs)	10-14 AWG				
200	LFT30200	1	—	3	CS	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		130°C	—	—
400	LFT30400	1	—	3	CS	—	—	(2) 31.1 N-m (275 in-lbs)	250 kcmil-6		130°C	—	—
600	LFT30600	1	—	3	CS	—	—	(2) 42.4 N-m (375 in-lbs)	500 kcmil-6		130°C	—	—

Ordering Information (Class T 600 V)

AMP RATING	ORDERING NUMBER							TORQUE	WIRE RANGE	WIRE TYPE	BASE TEMP RATING	DIN RAIL MOUNT	COVER ORDERING NUMBER*
	BASE ORDERING 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)	2-4 AWG	CU-AL Solid/Stranded	125°C	●	LFT60030FBC
								2.8 N-m (25 in-lbs)	6-14 AWG				
60	LFT60060	1	2	3	C	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		125°C	●	LFT60060FBC
								2.8 N-m (25 in-lbs)	6-14 AWG				
100	LFT60100	1	—	3	CS	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		130°C	—	LT60100FBC
								4.5 N-m (40 in-lbs)	8 AWG				
								4.0 N-m (35 in-lbs)	10-14 AWG				
200	LFT60200	1	—	3	CS	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		130°C	—	LT60200FBC
400	LFT60400	1	—	3	CS	—	—	(2) 31.1 N-m (275 in-lbs)	250 kcmil-6		130°C	—	LT60400FBC
600	LFT60600	1	—	3	CS	—	—	(2) 42.4 N-m (375 in-lbs)	500 kcmil-6		130°C	—	LT60600FBC

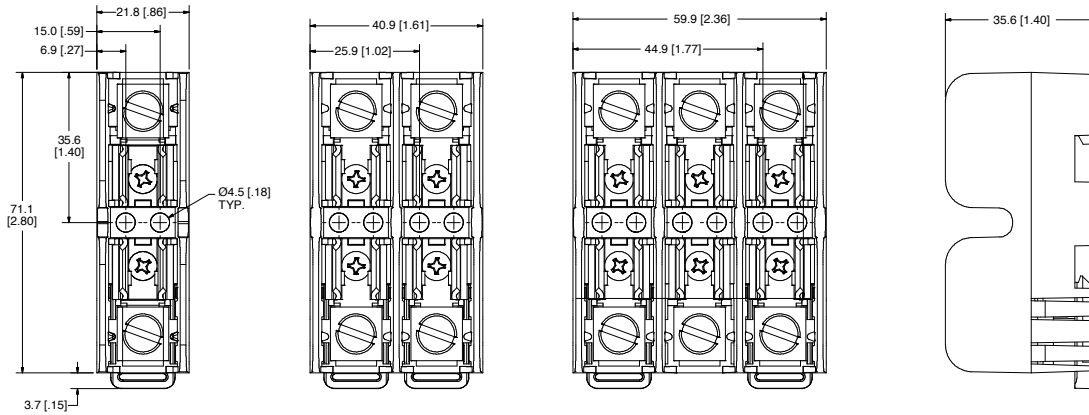
* Covers sold individually. One cover needed for each pole.

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

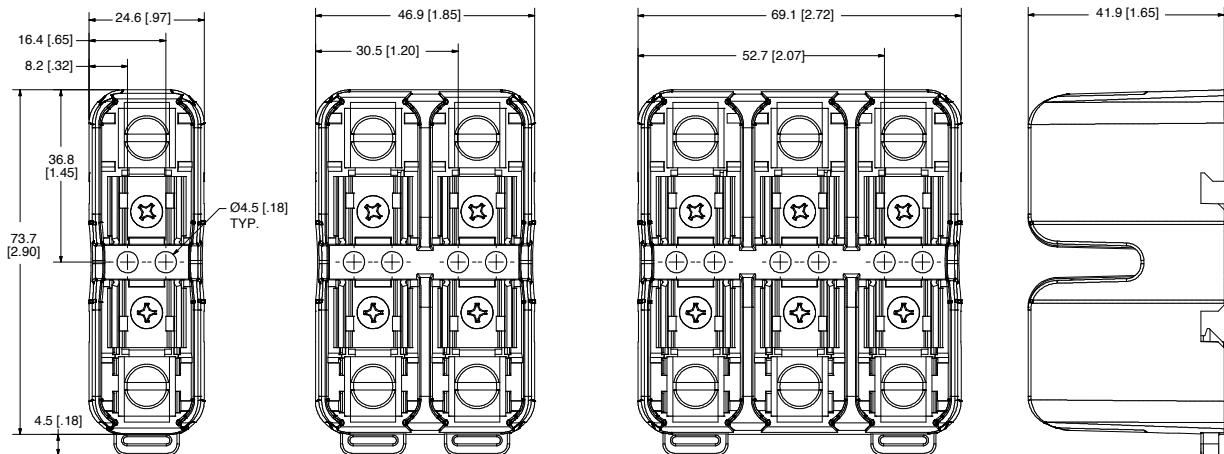
LF SERIES CLASS T FUSE BLOCKS

Dimensions mm (inches)

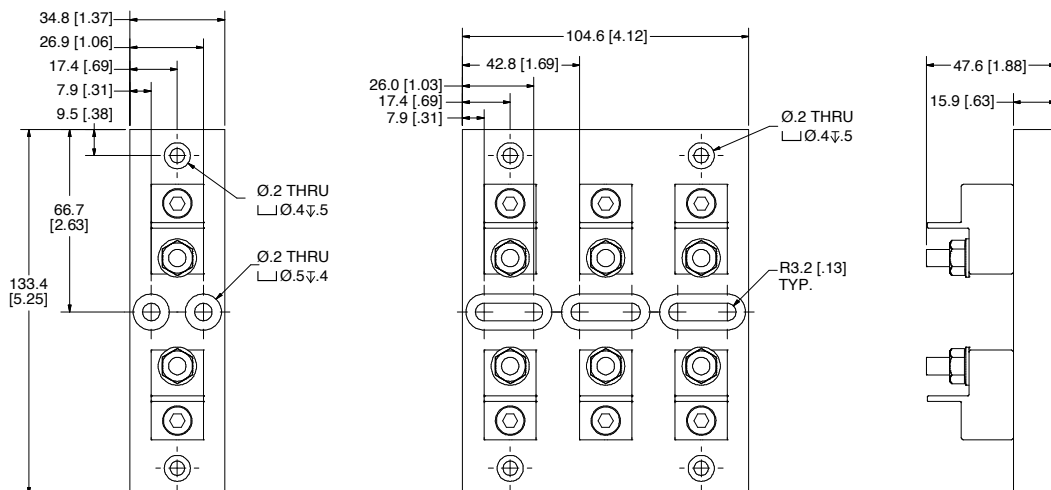
300 V 30 A



300 V 60 A



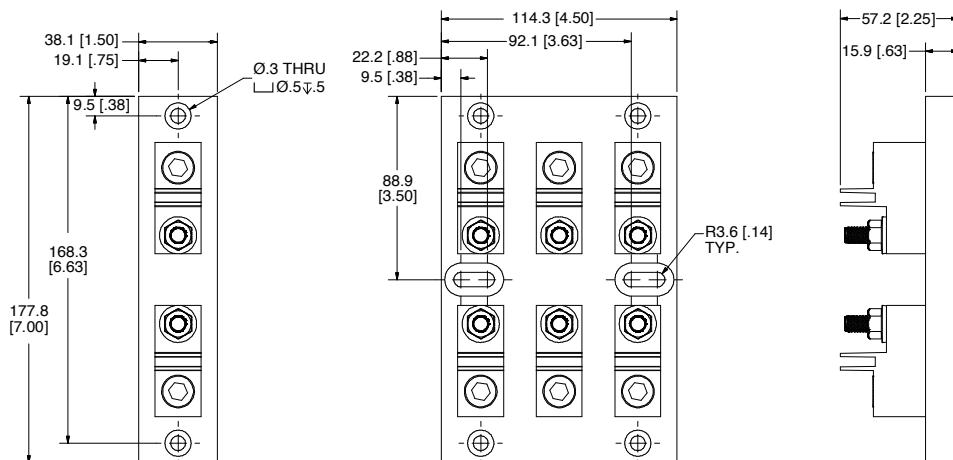
300 V 100 A



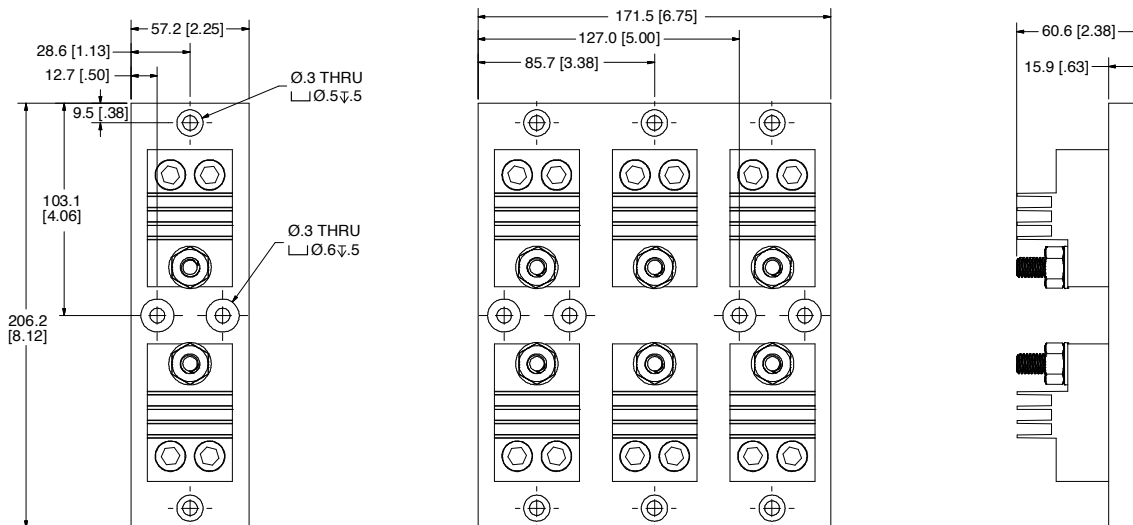
LF SERIES CLASS T FUSE BLOCKS

Dimensions mm (inches)

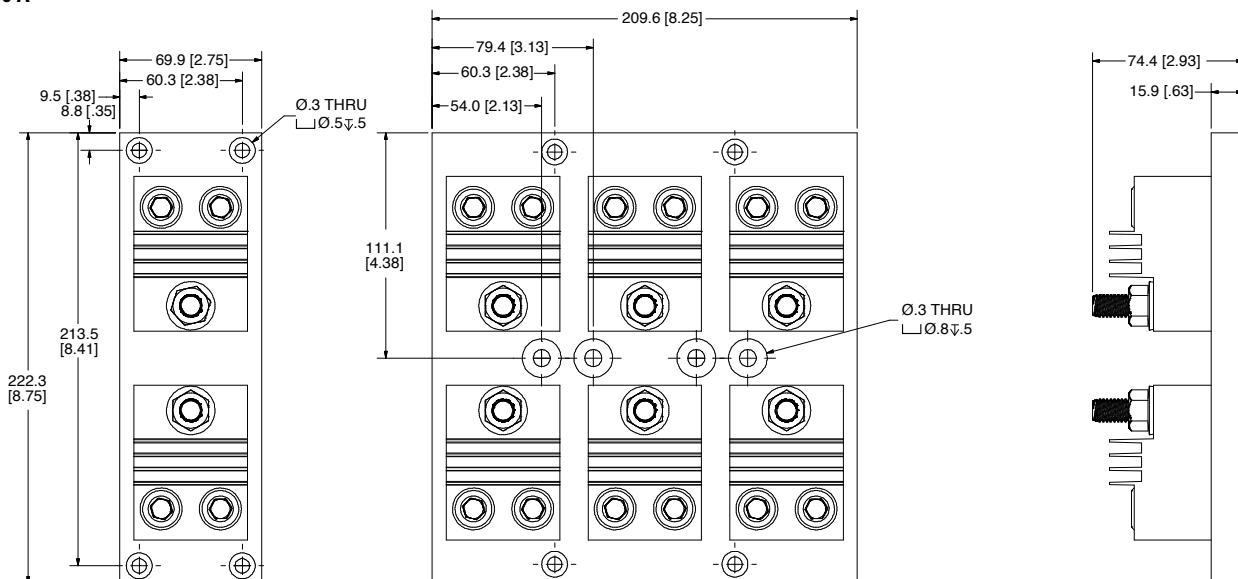
300 V 200 A



300 V 400 A



300 V 600 A



Dimensions mm (inches)

Technical drawings of the 1000 Series LED strip light showing top, side, and end views with dimensions in inches and millimeters.

Top View Dimensions:

- Overall width: 24.6 [977]
- Width of top section: 17.0 [677]
- Width of bottom section: 7.6 [30]
- Overall height: 44.8 [1.77]
- Overall length: 89.7 [3.53]
- Radius: R2.9 [1.1] TYP.

Side View Dimensions:

- Overall width: 46.9 [1.85]
- Width of top section: 29.8 [1.17]

End View Dimensions:

- Overall width: 69.1 [2.72]
- Width of top section: 52.0 [2.05]

End View Detail:

- Width of top section: 41.9 [1.65]

Technical drawings of the 1000 Series battery pack showing front, top, and side views with dimensions in mm and inches.

Front View Dimensions:

- Overall Width: 39.9 [1.57]
- Overall Height: 72.3 [2.85]
- Top Mounting Flange Width: 9.5 [.38]
- Internal Mounting Flange Width: 36.2 [1.42]
- Bottom Mounting Flange Width: 3.7 [.15]

Top View Dimensions:

- Overall Length: 76.1 [3.00]
- Internal Length: 45.7 [1.80]

Side View Dimensions:

- Overall Depth: 112.3 [4.42]
- Internal Depth: 81.9 [3.23]

Side Profile View:

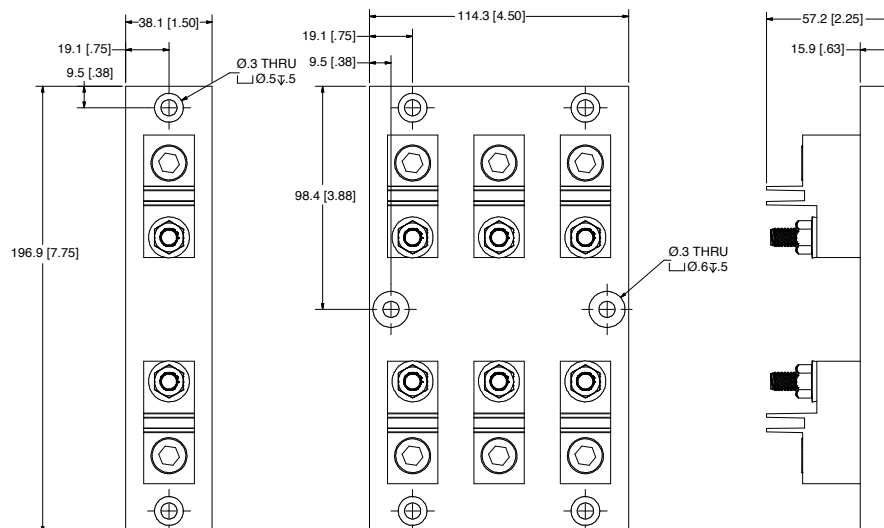
- Overall Depth: 54.0 [2.13]

[illegible]

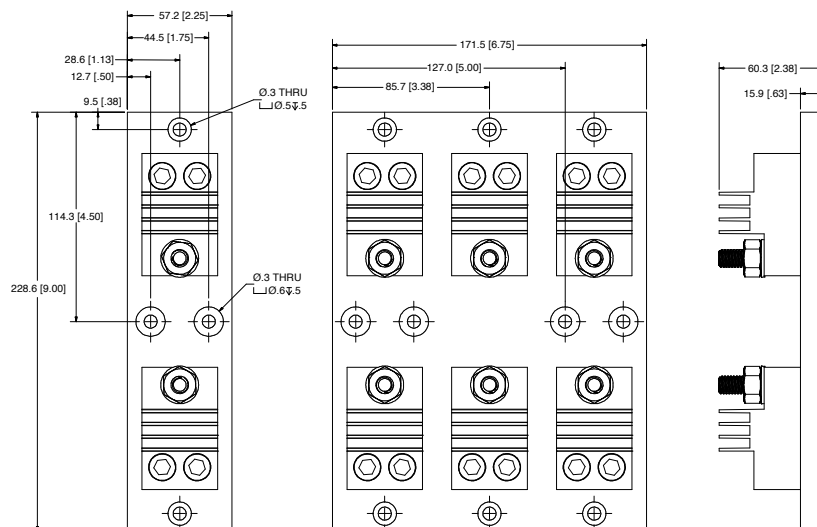
LF SERIES CLASS T FUSE BLOCKS

Dimensions mm (inches)

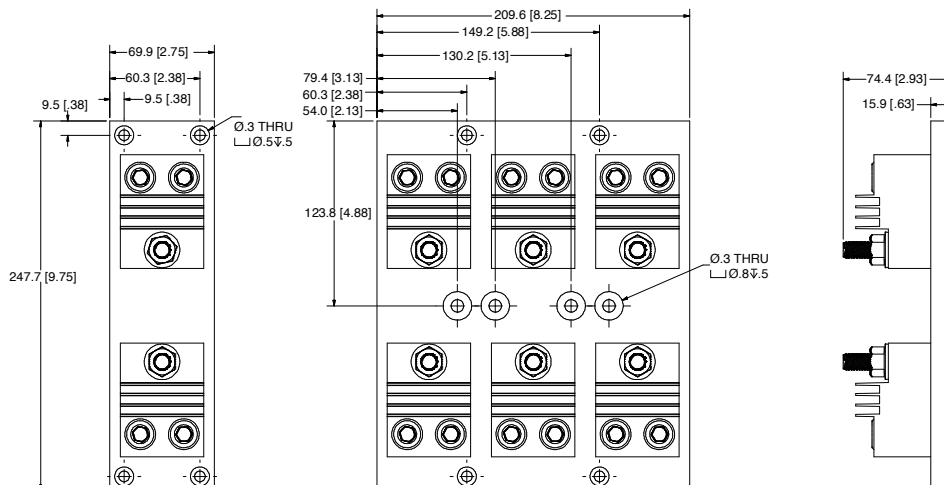
600 V 200 A



600 V 400 A



600 V 600 A



LF SERIES CLASS G FUSE BLOCKS

480 V • 600 V



Description

All Littelfuse Class G fuse blocks offer snap-to-release DIN rail mounting and universal mounting holes. Class G fuse blocks are designed for use with time-delay current limiting Class G fuses.

Features/Benefits

- Universal mounting holes for easy replacement
- One hand release from DIN rail for most amperages
- Meet requirements for branch circuit protection

Specifications

Voltage Ratings	600 Vac (0–20 A) 480 Vac (25–60 A)
Ampere Ratings	0–60 A
Flammability Rating	UL94 V-0
Approvals	UL Listed (File: E14721) CSA Certified (File: LR7091)

Recommended Fuses

Time Delay	
Series: SLC	26

Web Resources

Download CAD drawings and other technical information:
Littelfuse.com/lfg

Ordering Information (Class G 600 V)

AMP RATING	POLES	ORDERING NUMBER				WIRE TYPE	BASE TEMP RATING	DIN RAIL MOUNT	TERMINAL INFORMATION		
		BASE PART NUMBER	BOX LUG	SUFFIX	SCREW				TERMINAL	WIRE RANGE	TORQUE
15	1	LFG600151	CDINR	PODINR	SQDINR	CU Only Solid / Stranded	150° C	•	Box Lug	6-14 AWG	4.0 N-m (35 in-lbs)
	2	LFG600152	CDINR	PODINR	SQDINR				Pressure Plate	10-14 AWG	2.3 N-m (20 in-lbs)
	3	LFG600153	CDINR	PODINR	SQDINR				Screw	10-14 AWG	2.3 N-m (20 in-lbs)
20	1	LFG600201	CDINR	PODINR	SQDINR		150° C	•	Box Lug	6-14 AWG	4.0 N-m (35 in-lbs)
	2	LFG600202	CDINR	PODINR	SQDINR				Pressure Plate	10-14 AWG	2.3 N-m (20 in-lbs)
	3	LFG600203	CDINR	PODINR	SQDINR				Screw	10-14 AWG	2.3 N-m (20 in-lbs)

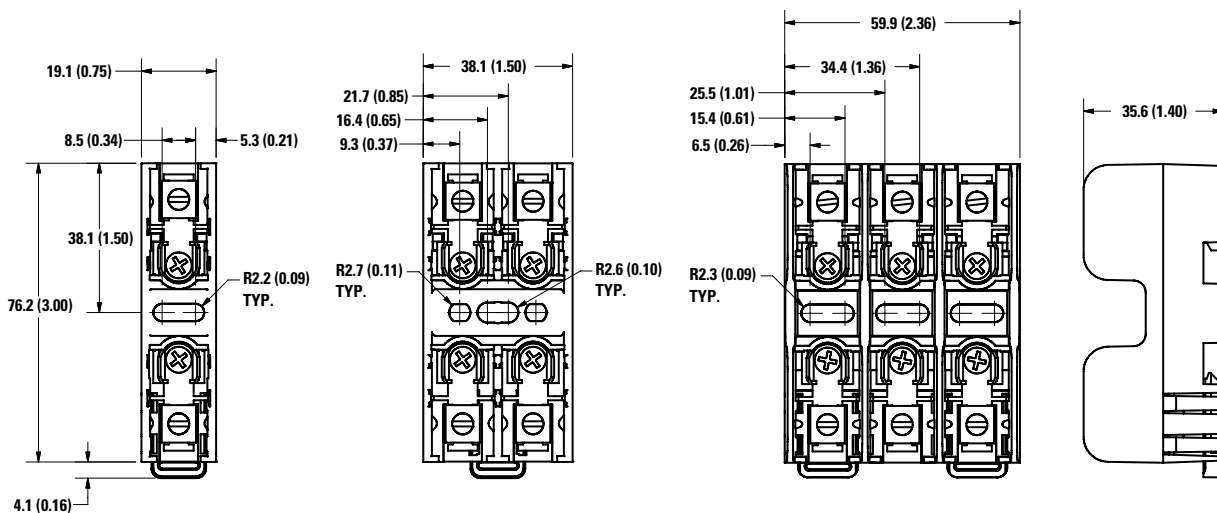
Ordering Information (Class G 480 V)

AMP RATING	POLES	ORDERING NUMBER				WIRE TYPE	BASE TEMP RATING	DIN RAIL MOUNT	TERMINAL INFORMATION		
		BASE PART NUMBER	BOX LUG	SUFFIX	SCREW				TERMINAL	WIRE RANGE	TORQUE
30	1	LFG480301	CDINR	PODINR	SQDINR	CU Only Solid / Stranded	150° C	•	Box Lug	6-14 AWG	4.0 N-m (35 in-lbs)
	2	LFG480302	CDINR	PODINR	SQDINR				Pressure Plate	10-14 AWG	2.3 N-m (20 in-lbs)
	3	LFG480303	CDINR	PODINR	SQDINR				Screw	10-14 AWG	2.3 N-m (20 in-lbs)
60	1	LFG480601	CDINR	—	—	CU/Al Solid / Stranded	125° C	•	Box Lug	2-4 AWG	5.6 N-m (50 in-lbs)
	2	LFG480602	CDINR	—	—					6-14 AWG	2.8 N-m (25 in-lbs)
	3	LFG480603	CDINR	—	—						

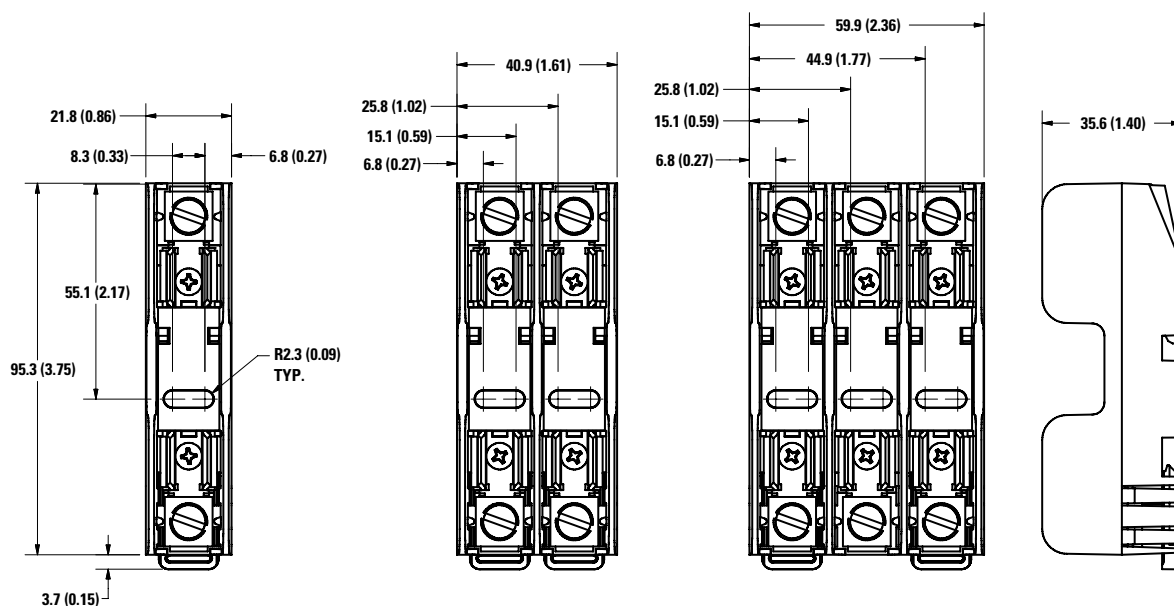
LF SERIES CLASS G FUSE BLOCKS

Dimensions mm (inches)

600 V 15 & 20 A
480 V 30 A



480 V 60 A



LF SERIES CLASS CC/CD AND MIDGET (10x38 mm) FUSE BLOCKS

600 V



Description

The Littelfuse Class CC, CD and midget blocks offer generous space savings and enhanced value. DIN-rail mounting and universal mounting holes are available as well as an indication feature on all Class CD fuse blocks.

Features/Benefits

- Space-saving design
- Universal mounting holes for easy replacement
- Indication offered on CD blocks
- One hand release from DIN rail optional
- Rejection feature that prevents the insertion of fuses with lower interrupting rating or voltage ratings
- Clip design reduces resistance and heat
- Non DIN-rail fuse blocks have interlocking feature allowing ganging for any number of poles
- Covers available for all amperages to enhance safety

Specifications

Voltage Rating	600 Vac/dc
Ampere Ratings	L600M Midget (10x38): 30 A L600C Class CC: 30 A LFC Class CD: 60 A L600CM Class CC & Midget: 30 A
Dielectric strength	1200 V minimum
Materials	Clip/terminals: Tin-plated copper alloy Box lug: Copper Screw & captive pressure plate: Zinc-plated steel Base: Thermoplastic UL94 V-0 flammability rating
Withstand Rating (SCCR)	L60030C: 200kA L60030M: 10kA, 20kA or 100kA based on the Midget fuse used LFC600: 200kA
Approvals	L600M: UL Recognized (File: E14721) CSA Certified (File: LR7316) L600C: UL Listed (File: E14721) CSA Certified (File: LR7316) LFC: UL Listed (File: E14721) CSA Certified (File: LR7316) L600CM: UL Recognized (File: E14721) CSA Certified (File: LR7316)
Environmental	RoHS Compliant, Lead (Pb) Free

Recommended Fuses

Class CC Blocks:	CCMR, KLDR, KLKR
Class CM Block:	Fuses same as CC & Midget Blocks
Class CD Blocks:	CCMR
Midget Blocks:	BLF, BLN, BLS, FLA, FLM, FLQ, FLU, KKK, KLKD, KLO

Web Resources

Sample requests and technical downloads:
littelfuse.com/fuseblocks

Ordering Information (L600C Class CC and L600M Midget 30 A)

AMP RATING	POLES	CLASS CC ORDERING NUMBER		MIDGET ORDERING NUMBER		CONNECTOR TYPE	TORQUE	WIRE RANGE	WIRE TYPE		BASE TEMP	COVER ORDERING NUMBER				
		NON-DIN*	DINR	NON-DIN*	DINR											
30	1	L60030C1C	L60030C1CDINR	L60030M1C	L60030M1CDINR	Box Lug	4.0 N-m (35 in-lbs)	6-14 AWG	CU Only	Solid / Stranded	125°C	SPL001				
	2	L60030C2C	L60030C2CDINR	L60030M2C	L60030M2CDINR											
	3	L60030C3C	L60030C3CDINR	L60030M3C	L60030M3CDINR											
30	1	L60030C1PQ	L60030C1PQDINR	L60030M1PQ	L60030M1PQDINR	Pressure Plate w/Q.C. Terminal	2.3 N-m (20 in-lbs)	10-14 AWG			CU Only	Solid / Stranded	125°C	SPL001		
	2	L60030C2PQ	L60030C2PQDINR	L60030M2PQ	L60030M2PQDINR											
	3	L60030C3PQ	L60030C3PQDINR	L60030M3PQ	L60030M3PQDINR											
30	1	L60030C1SQ	L60030C1SQDINR	L60030M1SQ	L60030M1SQDINR	Screw w/Q.C. Terminal	2.3 N-m (20 in-lbs)	10-14 AWG					CU Only	Solid / Stranded	125°C	SPL001
	2	L60030C2SQ	L60030C2SQDINR	L60030M2SQ	L60030M2SQDINR											
	3	L60030C3SQ	L60030C3SQDINR	L60030M3SQ	L60030M3SQDINR											

Ordering Information (L600CM Class CC and Midget Combination 30 A)

AMP RATING	POLES		COMBINATION 2 CLASS CC / 1 MIDGET ORDERING NUMBER		CONNECTOR TYPE	TORQUE	WIRE RANGE	WIRE TYPE	BASE TEMP	COVER ORDERING NUMBER [†]
	CLASS CC	MIDGET	NON-DIN	DINR						
30	2	1	L60030CM3PQ	—	Pressure Plate w/Q.C. Terminal	2.3 N-m (20 in-lbs)	10-14 AWG	CU Only Solid / Stranded	125°C	SPL001

LF SERIES CLASS CC/CD AND MIDGET (10X38 mm) FUSE BLOCKS

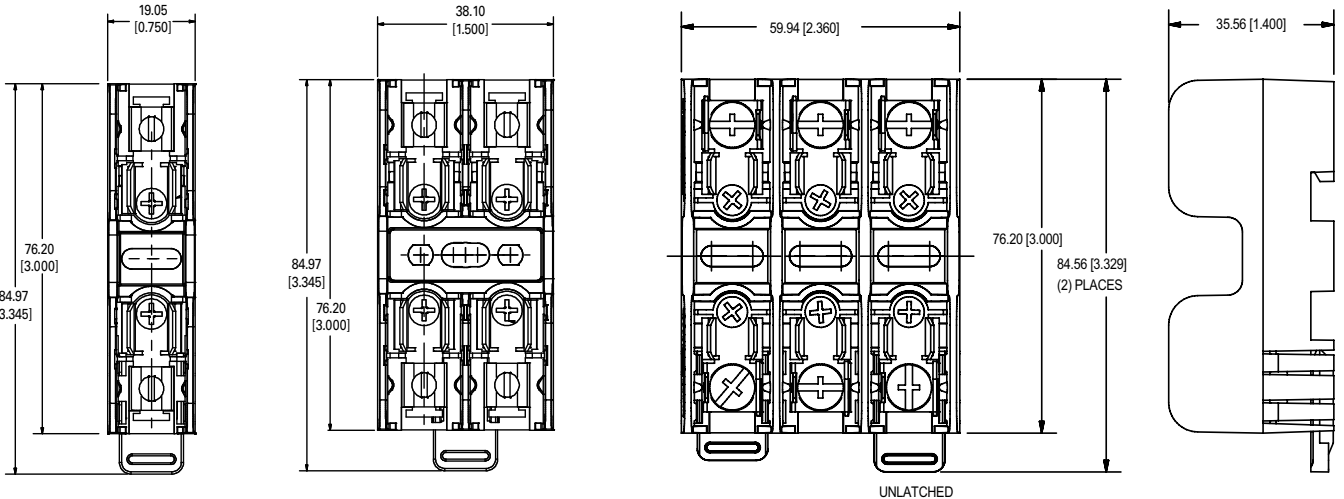
Ordering Information (LFC Class CD 60 A)

AMP RATING	POLES	ORDERING NUMBER	CONNECTOR TYPE	TORQUE	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	DIN RAIL MOUNT	INDICATION	COVER ORDERING NUMBER¹
60	1	LFC600601CID	Box Lug	5.6 N-m (50 in-lbs)	2-4 AWG	CU-AL	Solid / Stranded	125°C	•	•	LFC60060FBC
	2	LFC600602CID		2.8 N-m (25 in-lbs)	6-14 AWG						
	3	LFC600603CID									

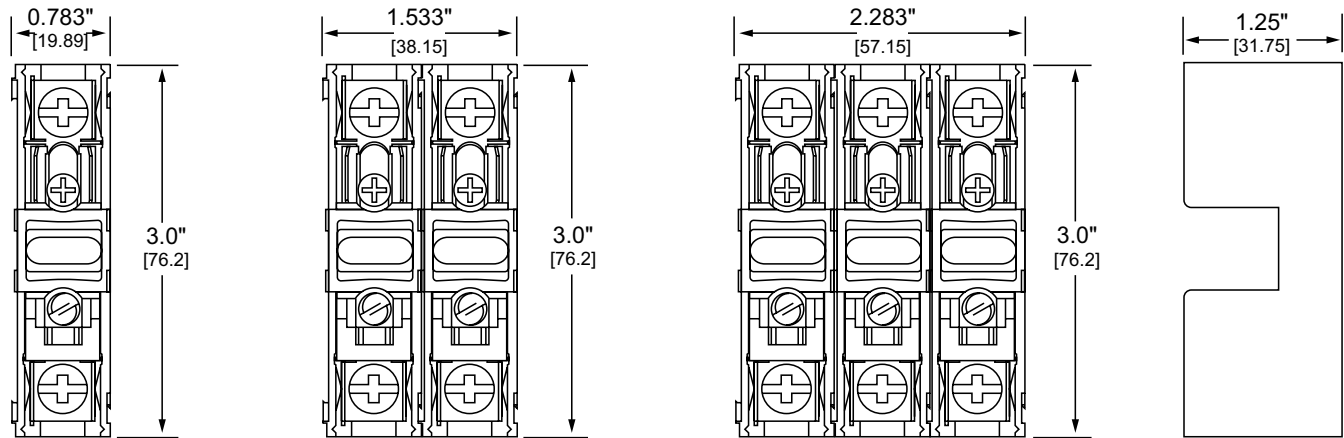
* Gangable — † Covers sold individually. One cover needed for each pole.

Dimensions mm (inches)

L600M-DINR Midget and L600C-DINR Class CC 30 A



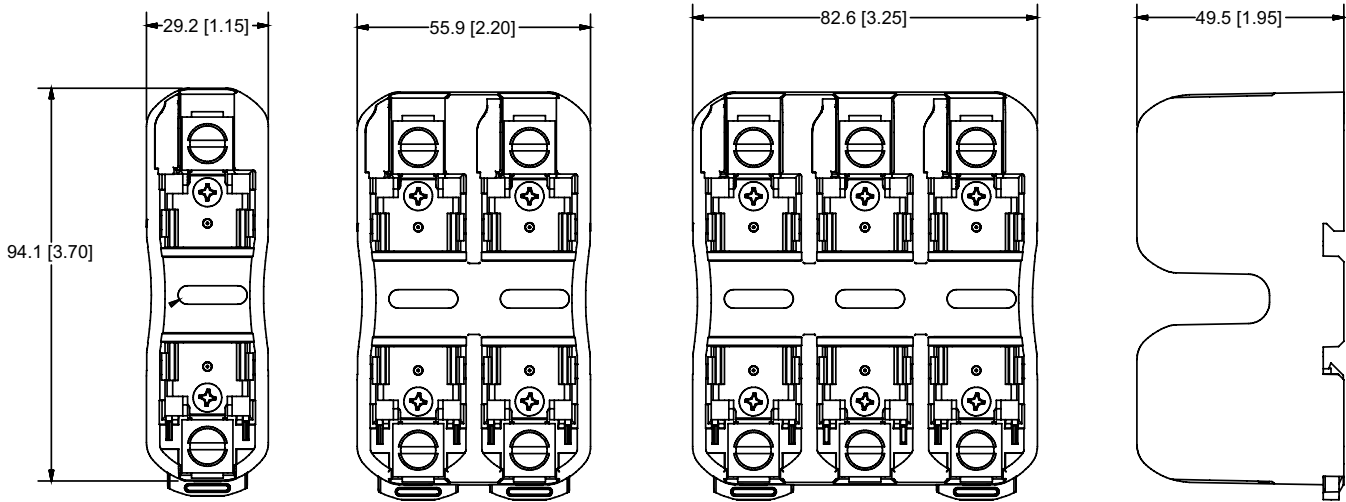
L600M Midget, L600C Class CC and L600CM Combination 30 A



LF SERIES CLASS CC/CD AND MIDGET (10X38 mm) FUSE BLOCKS

Dimensions mm (inches)

LFC CLASS CD 60 A



BOARD MOUNT MIDGET (10X38 mm) FUSE HOLDER

600 V



Description

The PC board-mounted midget fuse holder 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.

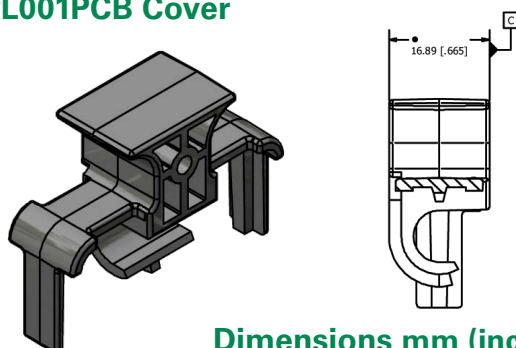
Features/Benefits

- 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 mm (inches)

Specifications

Voltage Rating	600 Vac/dc
Amperage Rating	30 A
Approval	UL Recognized (File: E14721)
Mounting Method	Through hole solder/PCB

Ordering Information

	CATALOG NUMBER	ORDERING NUMBER
Block	L60030M3PCB	L60030M3PCB
Cover*	SPL001PCB	SPL0001PCBT

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

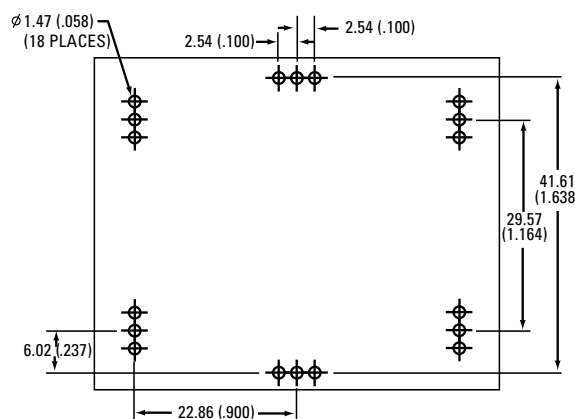
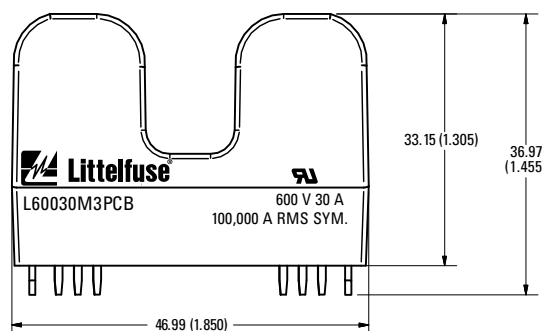
Recommended Fuses

Midget (10 x 38 mm) series 30

Web Resources

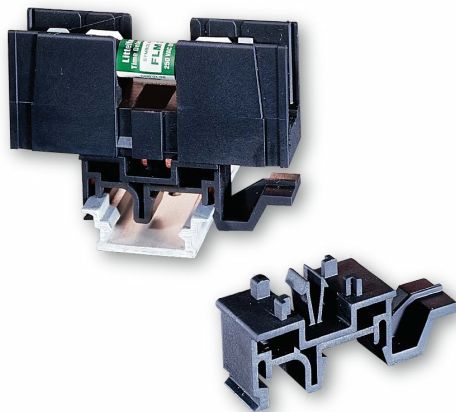
Download CAD drawings and other technical information:
littelfuse.com/fuseblocks

Dimensions mm (inches)



CLASS CC AND MIDGET FUSE BLOCK ACCESSORIES

FBDIN1 Rail Adapter



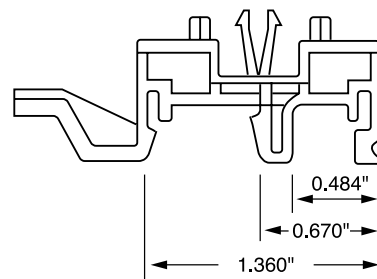
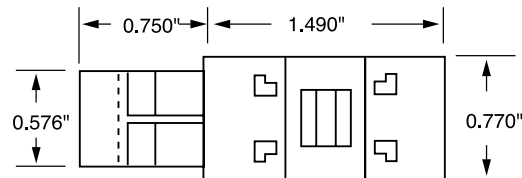
Features/Benefits

- DIN Rail adaptor for 30 A Midget, Class CC and Class G fuse blocks
- Patented design with no tools necessary for installation
- Permits snap-mounting of 30 A Midget, Class CC and Class G fuse blocks 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:
littelfuse.com/fbdin1

Dimensions Inches

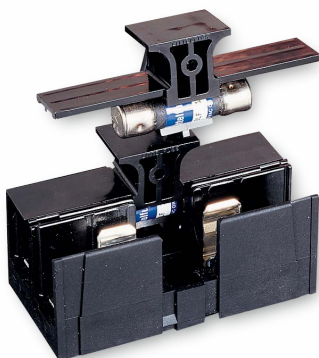


Recommended Fuse Blocks

Midget-Style and Class CC	107
Class G	105

New DIN rail mountable fuse holders available on page 107

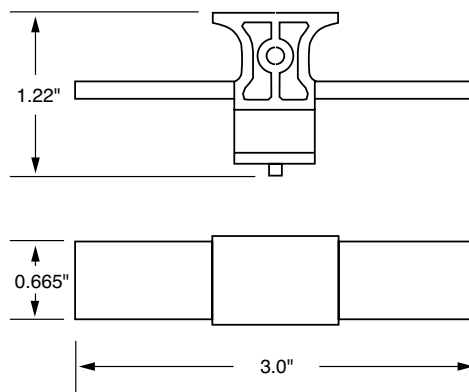
SPL001 Cover Puller



Features/Benefits

- 600 V 1/10-30 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 1/10-30 A fuses
- Label provided for easy fuse identification

Dimensions Inches



Recommended Fuse Blocks

L60030C	107
L60030M	107

Web Resources

For additional technical information visit:
littelfuse.com/spl001

LF SERIES FUSE BLOCK COVERS



Description

Littelfuse fuse block covers protect personnel from accidentally coming into contact with energized parts. Covers are for use with Littelfuse LF Series UL class fuse blocks.

Contact the Littelfuse Tech-Line (800-TEC-FUSE) for block and cover compatibility questions.

Ordering Information

UL CLASS	FUSE BLOCK BASE PART NUMBER*	VOLTAGE	AMPERAGE	COVER ORDERING NUMBER
Class H/R	LFH25030 / LFR25030	250	30	LFH25030FBC
Class H/R	LFH25060 / LFR25060	250	60	LFH25060FBC
Class H/R	LFH25100 / LFR25100	250	100	LFH25100FBC
Class H/R	LFH60030 / LFR60030	600	30	LFH60030FBC
Class H/R	LFH60060 / LFR60060	600	60	LFH60060FBC
Class H/R	LFH60100 / LFR60100	600	100	LFH60100FBC
Class J	LFJ60030	600	30	LFJ60030FBC
Class J	LFJ60060	600	60	LFJ60060FBC
Class J	LFJ60100	600	100	LFJ60100FBC†
Class T	LFT30030	300	30	LFT30030FBC
Class T	LFT30060	300	60	LFT30060FBC
Class T	LFT30100	300	100	LFT30100FBC
Class T	LFT60030	600	30	LFT60030FBC
Class T	LFT60060	600	60	LFT60060FBC
Class T	LFT60100	600	100	LT60100FBC
Class T	LFT60200	600	200	LT60200FBC
Class T	LFT60400	600	400	LT60400FBC
Class T	LFT60600	600	600	LT60600FBC
Class CD	LFC60060	600	60	LFC60060FBC
Class CC	L60030C	600	30	SPL001

* Part number shown excludes reference to number of poles and terminal type

† Cover is not compatible with 70-100 A JLS series fuses

Specifications

Connection	Snap to fuse body
Material	Black thermoplastic
Flammability Rating	UL94 V-0
Approvals	UL Listed (File: E184929) CSA Certified (File: 007316_0_000 Class 6225-01)

Features/Benefits

- Added safety to personnel
- Ventilation helps avoid fuse derating
- Reusable and convenient snap-on design
- UL listed and CSA certified
- Available for Class H/R, Class J, Class T and Class CD
- Allows visibility of LF series fuse block indicator

Web Resources

For dimensions, cad drawings and additional technical information visit: littelfuse.com/fuseblocks

LPXV TOUCH-SAFE FUSE HOLDERS

1500 V • 30 A



Specifications

Voltage Ratings	1500 Vdc
Amperage Rating	30 A
SCCR Rating	15 kA
Fuse Type	10x85mm
Material	Thermoplastic
Operating Temperature	-40°C to +125°C
Flammability Rating	UL94 V-0
Temperature Stability	Body: 125° C Carrier: 140° C
Approvals	UL 4248-18 Listed (File: E345481) IEC 60269-1 & IEC 60269-2
Environmental	RoHS compliant, Lead (Pb) free



Description

The Littelfuse LPXV fuse holder is designed to hold 1500 V 10x85mm fuses.

Features/Benefits

- Finger-Safe design offers personnel protection
- No fuse pullers or tools required for fuse removal
- 35 mm DIN Rail Mountable
- Compact design

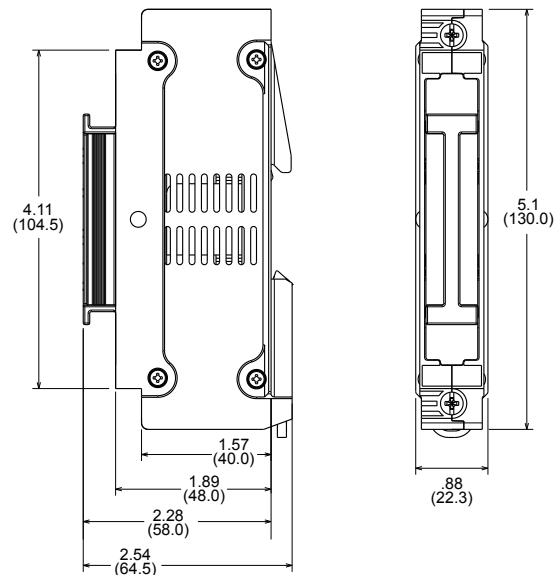
Recommended Fuses

Littelfuse SPXV 1500 V Fuses.....58

Web Resources

Download the complete datasheet and other technical documents: Littelfuse.com/lpxv

Dimensions Inches (mm)



Ordering Information

SERIES	VOLTAGE (Vdc)	POLES	CATALOG NUMBER	ORDERING NUMBER	PACK QTY	TERMINAL INFORMATION				
						TERMINAL TYPE	WIRE TYPE	NUMBER OF WIRES	WIRE SIZE	TORQUE
LPXV	1500	1	LPXV001	LPXV0001Z	5	Box Lug	90° Max CU Only Stranded	1	6-4 AWG (16-25 mm²)	22-26 lb-in (2.5-3 N-m)
								1	18-8 AWG (.75-10 mm²)	18-22 lb-in (2-2.5 N-m)
								2*	18-6 AWG (.75-16 mm²)	18-22 lb-in (2-2.5 N-m)

*Must be the same cross-sectioned size



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

LFXV15 SERIES SOLAR FUSE BLOCK & COVER

1500 V • 35–60 A

 REACH    


Description

The Littelfuse LFXV15 series fuse block and cover is designed to hold 1500 V size 20 x 127 mm fuses rated 35–60 amperes. Suitable for photovoltaic systems (string and high-capacity combiner boxes) with fault currents up to 50 kA.

With available ampere ratings up to 60 A, more strings can be pre-combined in harnesses to reduce the number of inputs into combiner boxes, thereby decreasing installation time and labor costs.

Features/Benefits

- Dead-front cover design offers personnel protection
- Ventilated design keeps the fuse running cooler, even at high ambient temperatures and current ratings, to increase fuse longevity
- Narrower width accommodates more blocks in a panel to maximize space
- Designed for easy fuse removal and replacement to minimize maintenance time. No tools required
- 35 mm DIN-rail mounting option for quick assembly and installation
- Accepts both wire and busbar for added flexibility

Recommended Fuses

Littelfuse SPXV 20 x 127 mm fuses rated 35–60 amperes.

Ordering Information

VOLTAGE (V dc)	AMPERE RATING	POLES	FUSE BLOCK & COVER ORDERING NUMBER	CONNECTOR TYPE	DRIVE	TORQUE	WIRE RANGE	WIRE TYPE	
1500	60	1	LFXV15060-BC*	Box Lug	3/16 Inch Hex	5.6 N-m (50 lb-in)	2–4 AWG (35–25 mm ²)	CU only	Stranded
						2.8 N-m (25 lb-in)	6–14 AWG (16–2.5 mm ²)		

*For replacement only: Fuse Block LFXV150601C or Cover LFXV15060FBC

Specifications

Voltage Ratings	1500 V dc
Ampere Rating	60 A
Withstand Rating	50 kA
Power Dissipation	24.1W Maximum
Fuse Size	20 x 127 mm
Material	Thermoplastic
	Fuse Clip: Tin-plated copper alloy
	Screws: Tin-plated aluminum
Operating Temperature	-55 °C to +125 °C
Flammability Rating	UL94 V-0
Temperature Stability	Base: 130 °C Cover: 140 °C
Approvals	Block: UL 4248-19 Listed (File E345481) Cover: UL Listed Fuse Accessory (File E184929)
Environmental	RoHS compliant, Lead (Pb) free, REACH
Recommended DIN Rail	TH 35-7.5 per IEC 60715

WIRE TYPE	
75 °C or 90 °C CU Only Stranded	UL Class B and Class C wire IEC Class 5 Flexible Wire (self-certified)

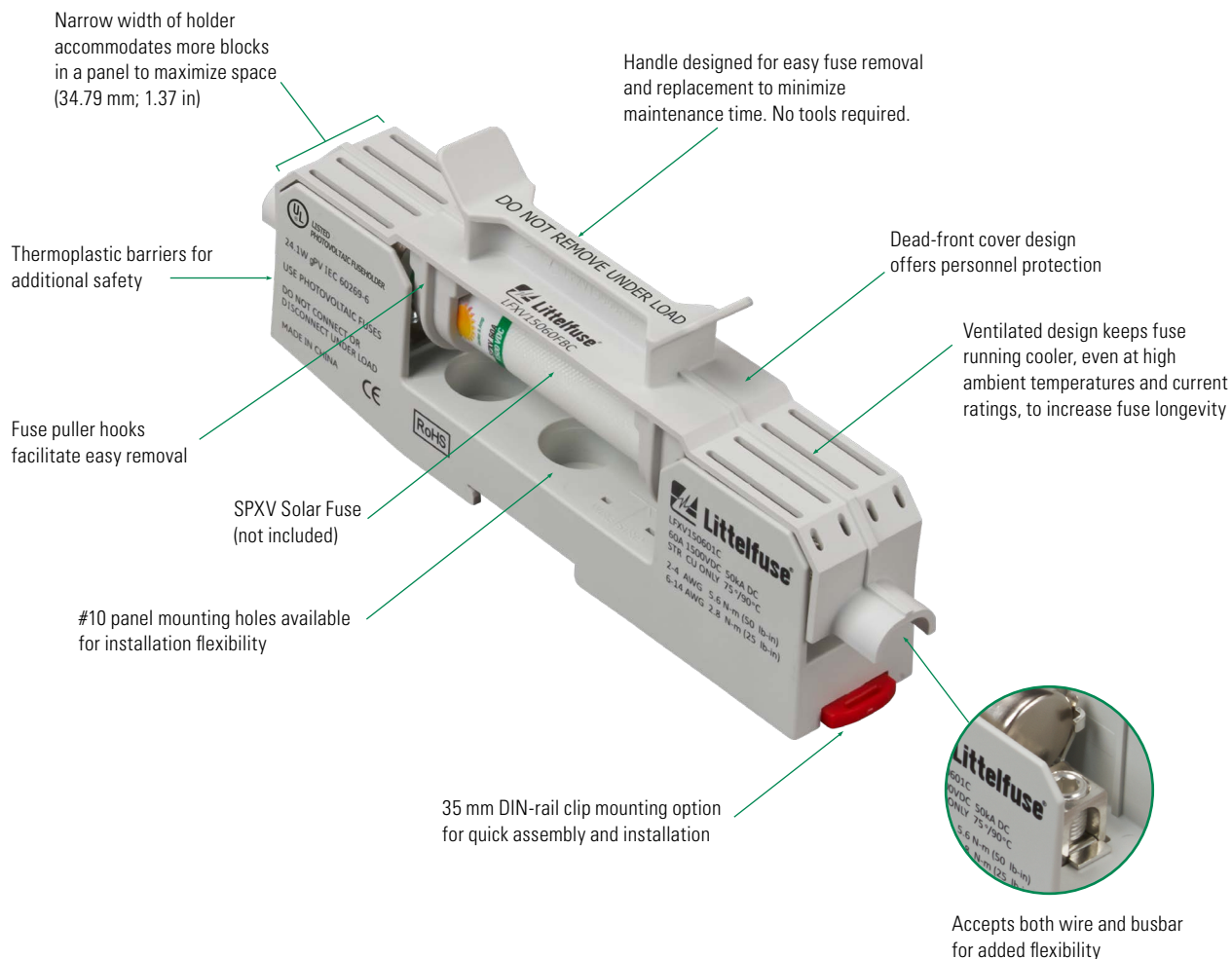
BUSBAR SPECIFICATIONS			
TERMINAL	THICKNESS	WIDTH	TORQUE
Maximum	0.250 in (6.35 mm)	0.290 in (7.37 mm)	25 lb-in (2.8 N-m)
Minimum	0.125 in (3.18 mm)	0.200 in (5.08 mm)	25 lb-in (2.8 N-m)

Web Resources

Download the complete datasheet and other technical documents: Littelfuse.com/LFXV15

LFXV15 SERIES SOLAR FUSE BLOCK & COVER

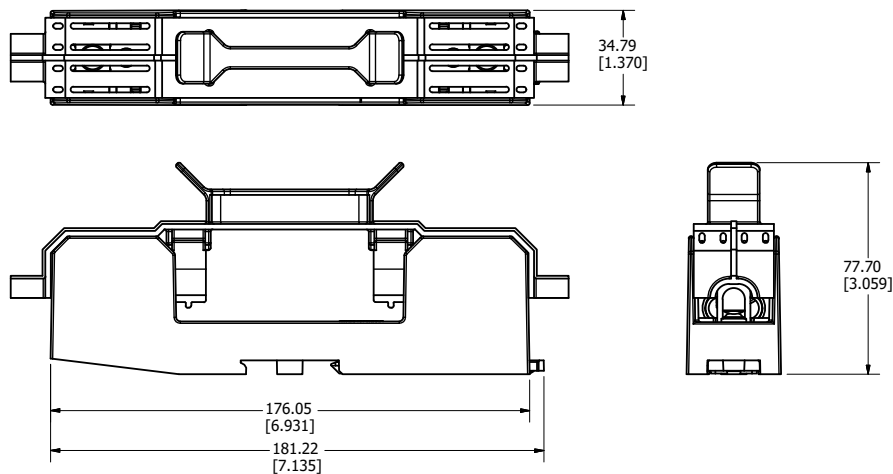
LFXV15 Features & Benefits



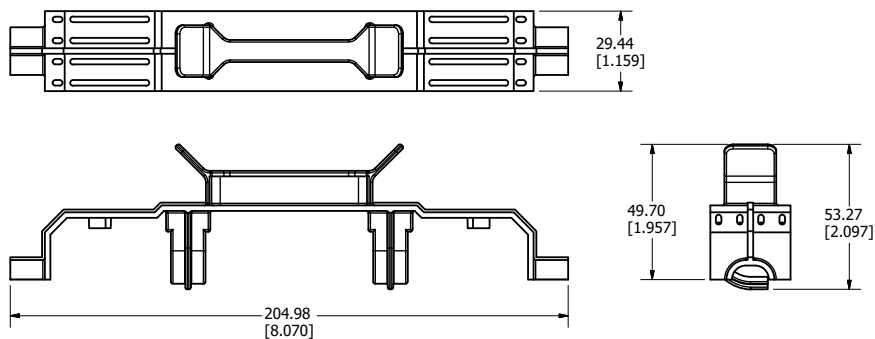
LFXV15 SERIES SOLAR FUSE BLOCK & COVER

Dimensions Millimeters (in)

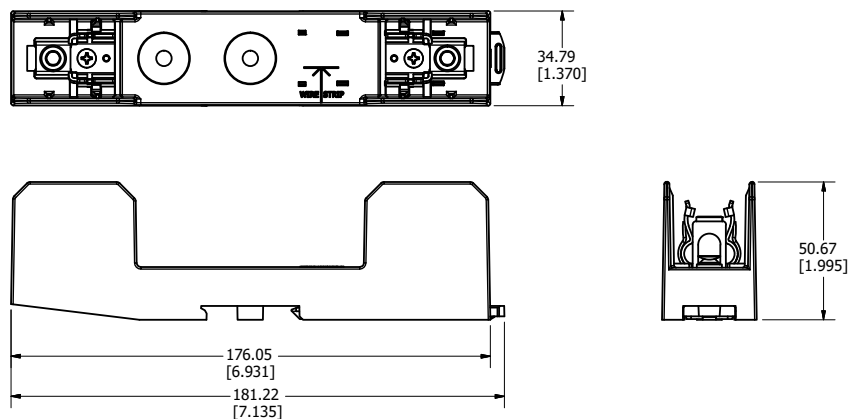
Fuse Block & Cover Assembly: LFXV15060-BC



Fuse Cover: LFXV15060FBC



Fuse Block: LFXV150601C



LFPXV TOUCH-SAFE FUSE HOLDERS

1500 V • 30 A



Description

The Littelfuse LFPXV fuse holder is designed to hold 1500 V 10x85 mm fuses.

Features/Benefits

- Finger-Safe design offers personnel protection
- No fuse pullers or tools required for fuse removal
- 35 mm DIN Rail Mountable
- Evaluated for use with copper alloy busbars
- Compact design

Recommended Fuses

Littelfuse SPXV/SPXV-S Fuses

Web Resources

Download the complete datasheet and other technical documents: Littelfuse.com/LFPXV

Ordering Information

SERIES	VOLTAGE (Vdc)	POLES	CATALOG NUMBER	ORDERING NUMBER	PACK QTY	TERMINAL INFORMATION			
						TERMINAL TYPE	NUMBER OF WIRES	WIRE SIZE	TORQUE
LFPXV	1500	1	LFPXV001	LFPXV0001Z	20	Box Lug	1	4-14 AWG (25-2.5 mm ²)	24-28 lb-in (2.71-3.16 N-m)
							1	16-18 AWG (1.5-0.75 mm ²)	18-22 lb-in (2.03-2.49 N-m)
							2*	6-14 AWG (16-2.5 mm ²)	26-30 lb-in (2.94-3.69 N-m)
							2*	16-18 AWG (1.5-0.75 mm ²)	20-24 lb-in (2.26-2.71 N-m)

*Must be the same wire type and cross sectioned size

Specifications

Voltage Ratings	1500 V dc
Amperage Rating	32 A
SCCR Rating	50 kA
Power Dissipation:	8W Maximum
Fuse Type	10x85 mm
Material	Thermoplastic
	Fuse Clip: Silver plated copper alloy
	Screws: Zinc plated steel
Operating Temperature	-55 °C to +125 °C
Flammability Rating	UL94 V-0
Temperature Stability	Body: 130 °C Carrier: 140 °C
Approvals	UL 4248-19 Listed (File: E345481) IEC 60269-6
Environmental	RoHS compliant, Lead (Pb) free, REACH
Recommended DIN Rail	TH 35-7,5 per IEC 60715

WIRE TYPE	
75 °C or 90 °C CU Only Stranded	UL Class B and Class C wire
	AlphaWire PV series Photovoltaic Wire
	IEC Class 5 Flexible Wire

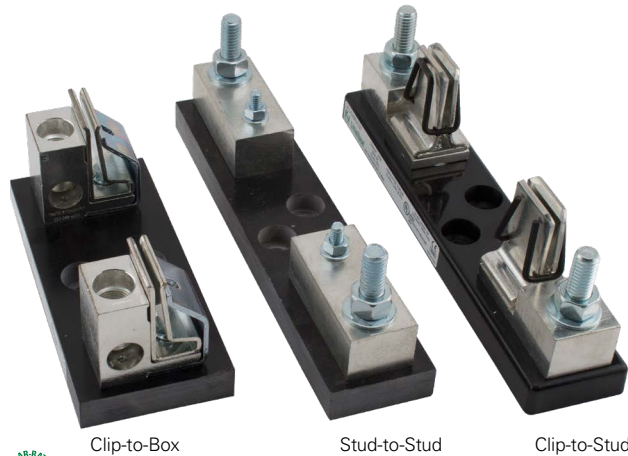
BUSBAR SPECIFICATIONS			
TERMINAL	THICKNESS	WIDTH	TORQUE
Maximum	0.188 in (4.78 mm)	0.290 in (7.37 mm)	24-28 lb-in (2.71-3.16 N-m)
Minimum	0.125 in (3.18 mm)	0.200 in (5.08 mm)	



Look for this logo to indicate products that are used in solar applications. Visit our website Littelfuse.com/solar for the latest updates on approvals, certifications, and new products.

LFJ1000 SERIES SOLAR FUSE BLOCKS

1000 Vdc • Clip-to-Box • Stud-to-Stud • Clip-to-Stud



Description

The LFJ1000 series fuse block is specifically designed for the Littelfuse SPFJ 1000 V Solar Fuse. It meets UL electrical requirements, is available in multiple amperages, and comes in a variety of fuse mounting and termination configurations; fuse clip to box lug, fuse stud to wire stud and fuse clip to wire stud.

Features/Benefits

- Narrow width increases space savings
- Range of amperages to match all SPFJ fuse options
- Box Lug termination style accommodates a wide range of cable sizes
- Stud-mounted option increases convenience
- Approval for use with copper or aluminum lugs allowing for design flexibility

Ordering Information

(Clip-to-Box Lug 1000 V)

AMPERAGE	ORDERING NUMBER	INTERRUPT RATING	WIRE RANGE STANDARD (METRIC)	WIRE TYPE	RECOMMENDED TORQUE
200	LFJ102001C	20 kA	250 kcmil - #6 (127mm ² - 16mm ²)	Cu/Al Solid/ Stranded	275 in-lb (31.1 N-m)
400	LFJ104001C	10 kA	350 kcmil - 1/0 (177mm ² - 55mm ²)		275 in-lb (31.1 N-m)
450	LFJ104501C	20 kA	500 kcmil - #4 (253mm ² - 25mm ²)		375 in-lb (42.4 N-m)

(Stud-to-Stud 1000 V)

AMPERAGE	ORDERING NUMBER	INTERRUPT RATING	RECOMMENDED TORQUE		MAX. BUSBAR THICKNESS	RECOMMENDED BASE TORQUE	
			FUSE	TERMINAL		BOLT SIZE	TORQUE
200	LFJ102001STST	20 kA	65 in-lb (7.3 N-m)	200 in-lb (22.6 N-m)	.774" (19.66 mm)	1/4" 5/16"	30-40 in-lb 40-50 in-lb
400	LFJ104001STST	10 kA	170 in-lb (19.2 N-m)	200 in-lb (22.6 N-m)	.555" (14.10 mm)		
450	LFJ104501STST	20 kA	300 in-lb (33.9 N-m)	300 in-lb (33.9 N-m)	.570" (14.18 mm)		

(Clip-to-Stud 1000 V)

AMPERAGE	ORDERING NUMBER	INTERRUPT RATING	RECOMMENDED TORQUE	MAX. BUSBAR THICKNESS	RECOMMENDED BASE TORQUE	
			TERMINAL		BOLT SIZE	TORQUE
200	LFJ102001CST	20 kA	200 in-lb (22.6 N-m)	.774" (19.66 mm)	1/4" 5/16"	30-40 in-lb 40-50 in-lb
400	LFJ104001CST	10 kA	200 in-lb (22.6 N-m)	.555" (14.10 mm)		
450	LFJ104501CST	20 kA	300 in-lb (33.9 N-m)	.570" (14.18 mm)		

Specifications

Voltage Ratings	1000 Vdc
Ampere Ratings	200, 400, 450 A
Flammability Rating	UL94 V-0
Termination Type	Box Lug or Stud Mount
Base Temp Rating	130° C
Approvals	UL 4248-18 Listed File: E345481 Vol. 1 RoHS Compliant
Environmental	

Recommended Fuses

SPFJ Solar Series	63
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Web Resources

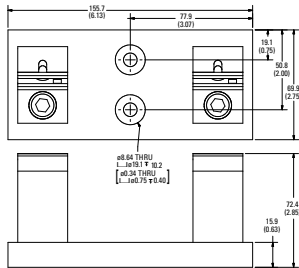
Download CAD drawings, dimensions and other technical information: littelfuse.com/LFJ1000

LF SERIES SOLAR FUSE BLOCKS

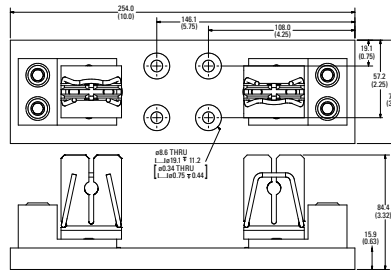
1000 Vdc

Dimensions mm (inches)

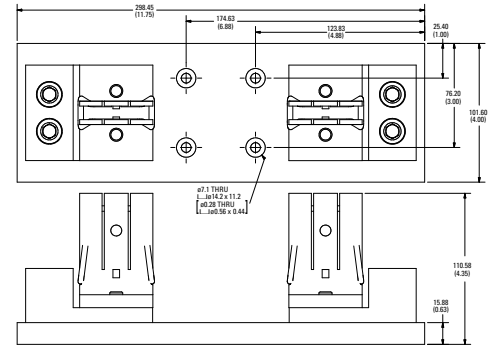
Clip-to-Box



200 A

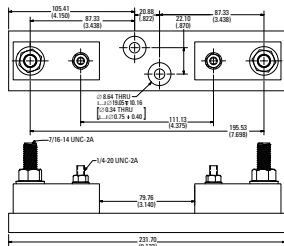


400 A

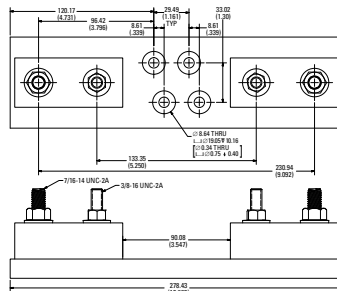


450 A

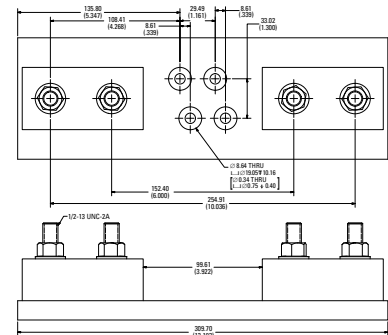
Stud-to-Stud



200 A

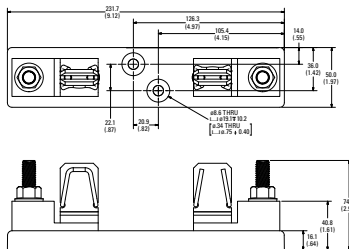


400 A

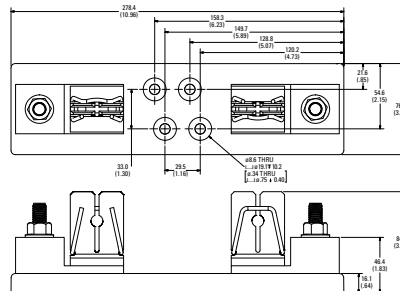


450 A

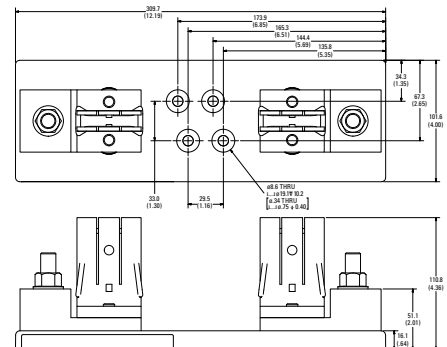
Clip-to-Stud



200 A



400 A



450 A

6

Fuse Blocks and Holders



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LPHV POWR-SAFE FUSE HOLDERS

1000 VDC



Description

The Littelfuse LPHV fuse holder is designed to house 1000 V 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

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

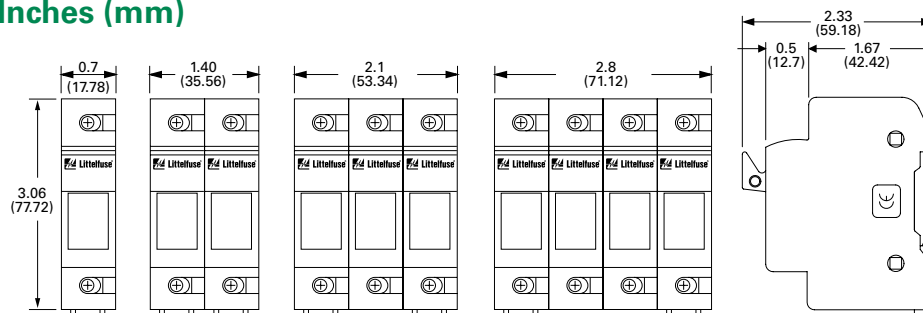
Multi-Pole Assembly Kit

Kits are used to create multi-pole holders from 1-pole LPHV fuse holders. Please contact factory for more information

Ordering Information

SERIES	POLES	CATALOG NUMBER	ORDERING NUMBER	TERMINAL TYPE	WIRE TYPE		WIRE RANGE	TERMINAL TORQUE	ROHS
LPHV	1	LPHV001	LPHV0001Z	Pressure Plate	75° C or 90° C CU Only	Stranded / [Solid]	#8-14 AWG (2-10 mm²) / [#10-14 AWG (2-6 mm²)]	17.7 in-lbs (2 N-m)	•
LPHV	2	LPHV002	LPHV0002Z						•
LPHV	3	LPHV003	LPHV0003Z						•
LPHV	4	LPHV004	LPHV0004Z						•

Dimensions Inches (mm)



Specifications

Voltage Rating	1000 VDC
Amperage Rating	30 A
SCCR Rating	20 kA
Power Dissipation	4 W Maximum
Fuse Type	10 X 38 mm up to 1000 VDC
Housing Material	Thermoplastic
Terminal Screws	Zinc Plated Steel, Phillips/Slotted Head
Pressure Plate	Nickel Plated Steel
Fuse Clip Material:	Silver Plated Copper Alloy
Operating Temperature	-55°C to +125°C
Flammability Rating	UL94 V-0
Approval	Self-certified 1000 VDC IEC 60269-2, -4, -6
Environmental	RoHS compliant, Lead (Pb) Free

Web Resources

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

More information about solar applications: Littelfuse.com/solar

Recommended Fuses

10x38 mm 1000 VDC Fuses	
SPF 1000 V Series	62
FLU 1000 V Series	31

ORDERING NUMBER	DESCRIPTION
CYHP001	20 Connector Pincers & 10 handle Pins
CYHP002	Connector Pincer Only
CYHP003	Handle Pin Only

6

Fuse Blocks and Holders



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LPSC / LPSM POWR-SAFE FUSE HOLDERS

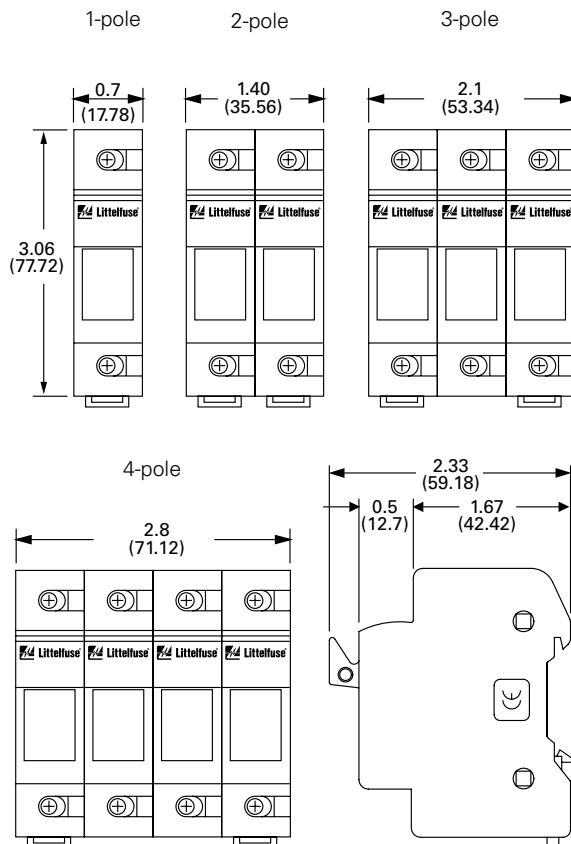
600 V



Description

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

Dimensions 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: E14721) UL Recognized (LPSM File: E14721) CSA Certified (LPSC/LPSM File: LR7316)
Environmental	RoHS compliant, Lead (Pb) Free

Ordering Information

INDICATING		NON-INDICATING		FUSE TYPE	POLES
CATALOG NUMBER	ORDERING NUMBER	CATALOG NUMBER	ORDERING NUMBER		
LPSC001ID	LPSC0001ZXID	LPSC001	LPSC0001Z	Class CC	1
LPSC002ID	LPSC0002ZXID	LPSC002	LPSC0002Z	Class CC	2
LPSC003ID	LPSC0003ZXID	LPSC003	LPSC0003Z	Class CC	3
LPSC004ID	LPSC0004ZXID	LPSC004	LPSC0004Z	Class CC	4
LPSM001ID	LPSM0001ZXID	LPSM001	LPSM0001Z	Midget	1
LPSM002ID	LPSM0002ZXID	LPSM002	LPSM0002Z	Midget	2
LPSM003ID	LPSM0003ZXID	LPSM003	LPSM0003Z	Midget	3
LPSM004ID	LPSM0004ZXID	LPSM004	LPSM0004Z	Midget	4

2-Pole Assembly Kit Ordering No. CYHP0001Z-KIT
(Kit contains 20 connector pincers & 10 handle pins.)

Web Resources

Download CAD drawings and other technical information:
littelfuse.com/lpsc
littelfuse.com/lpsm

Recommended Fuses

Class CC	27
Midget-Style (10 x 38 mm)	30

LFPSJ POWR-SAFE DEAD FRONT CLASS J FUSE HOLDERS

600 V



Description

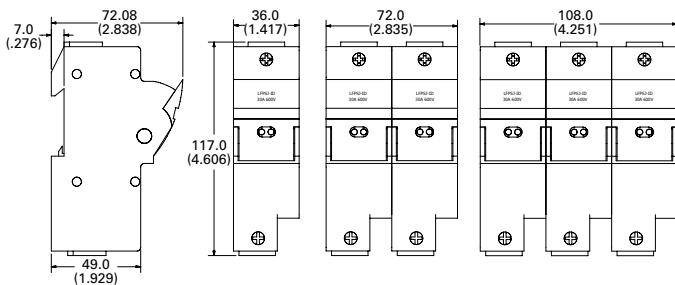
Littelfuse Class J POWR-SAFE Dead Front holders provide optimum protection to personnel and are UL Listed and CSA Certified.

Features

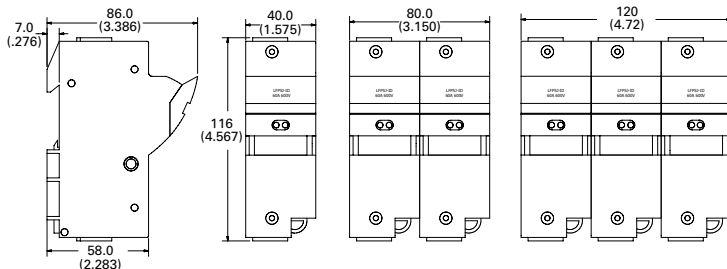
- Indicating and non-indicating options available
- IP20 degree of protection
- Dual LED indication distinguishes polarity in DC power applications
- Small compact design offers ultimate flexibility
- 35mm DIN Rail Mountable
- 1-, 2-, and 3-pole configurations
- Easy installation and fuse removal with no additional pullers or tools required

Dimensions mm (inches)

30 Amp



60 Amp



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

Specifications

Voltage Ratings
Interrupting Rating
Ampere Rating
LEDs
Terminal Type
Material
Flammability Rating
Terminal Screws
Approvals

600 Vac/dc
 200 kA
 30 and 60 A
 110 V – 600 V
 Pressure Plate
 Thermoplastic
 UL94 V-0
 Phillips / Slotted
 UL Listed (File: E14721)
 CSA Certified (File: 2529839)
 RoHS compliant

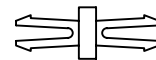
Environmental

Ordering Information

AMP	POLES	INDICATION	ORDERING NUMBER	PACK QTY.	WIRE TYPE	WIRE RANGE	TORQUE
30	1	–	LFPSJ301.Z	6	Stranded	0.75mm ² – 1mm ² 1.5mm ² – 50mm ² 18 – 1 AWG	2.5 N-m 4.0 N-m 35 lb-in
	2	–	LFPSJ302.Z	3			
	3	–	LFPSJ303.Z	2			
30	1	•	LFPSJ301.ZXID	6			
	2	•	LFPSJ302.ZXID	3			
	3	•	LFPSJ303.ZXID	2			
60	1	–	LFPSJ601.Z	6	Stranded	2.5mm ² – 50mm ² 14 – 1 AWG	4.0 N-m 35 lb-in
	2	–	LFPSJ602.Z	3			
	3	–	LFPSJ603.Z	2			
60	1	•	LFPSJ601.ZXID	6			
	2	•	LFPSJ602.ZXID	3			
	3	•	LFPSJ603.ZXID	2			

Multi-Pole Assembly Kit

Kits are used to create multi-pole holders from 1-pole LFPSJ fuse holders. Please contact factory for more information.



Connector Pincer



Handle Pin

AMP	POLES	PINCER QUANTITY	PIN QUANTITY	ASSEMBLY SETS	ORDERING NUMBER
30	2	30	10	10	LF3J2PAK
30	3	60	10	10	LF3J3PAK
60	2	30	10	10	LF6J2PAK
60	3	60	10	10	LF6J3PAK

Web Resources

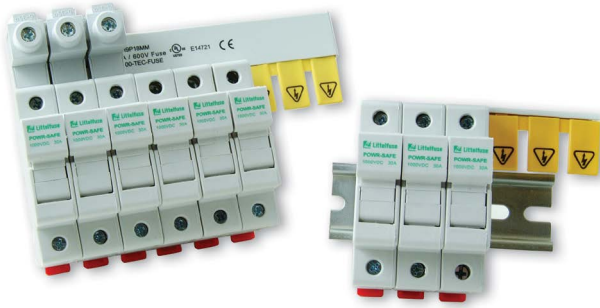
Download CAD drawings and other technical information:
littelfuse.com/lfpsj

Recommended Fuses

Class J - JTD, JTD_ID, JLS 21

BUS BAR SYSTEM

POWR-BAR Distribution



Description

A key objective for panel designers is safe distribution of power to multiple fuse holders in a compact design. The Littelfuse UL 508 Listed 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 fuse holders.

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
- Can be cut down to optimal size

Recommended Fuse Holders

LPSM / LPSC (600 Vac/dc).....	117
LPHV (1000 Vdc)	116

Web Resources

Download CAD drawings, dimensions and other technical information: littelfuse.com/busbar

Specifications

Voltage Ratings 600 Vac/dc
1000 Vdc*

Current Ratings

CROSS SECTION (mm ²)	18 mm ²	25 mm ²
END FED	80 A	100 A
CENTER FED	160 A	200 A

SCCR 10 kA, 100 kA[†]

Conductor Copper

Pitch 17.8 mm

Approvals UL 508 Listed (File E328654)

Environmental RoHS Compliant, Lead (Pb) free

*1 Phase 18 mm² rated 1000 Vdc up to 160 A when center fed

1 Phase 25 mm² rated 1000 Vdc up to 200 A when center fed

[†]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 mm ²			1 PHASE, 25 mm ²		
ORDERING NUMBER	POLES	LENGTH (mm)	ORDERING NUMBER	POLES	LENGTH (mm)
1PH3P18mm	3	50	1PH3P25mm	3	50
1PH4P18mm	4	79	1PH4P25mm	4	79
1PH6P18mm	6	104	1PH6P25mm	6	104
1PH9P18mm	9	155	1PH9P25mm	9	155
1PH12P18mm	12	208	1PH12P25mm	12	208
1PH15P18mm	15	270	1PH15P25mm	15	270
1PH57P18mm	57	1009	1PH57P25mm	57	1009

3 PHASE, 18 mm ²			3 PHASE, 25 mm ²		
ORDERING NUMBER	POLES	LENGTH (mm)	ORDERING NUMBER	POLES	LENGTH (mm)
3PH6P18mm	6	104	3PH6P25mm	6	104
3PH9P18mm	9	158	3PH9P25mm	9	158
3PH12P18mm	12	214	3PH12P25mm	12	214
3PH15P18mm	15	266	3PH15P25mm	15	266
3PH57P18mm	57	1009	3PH57P25mm	57	1009

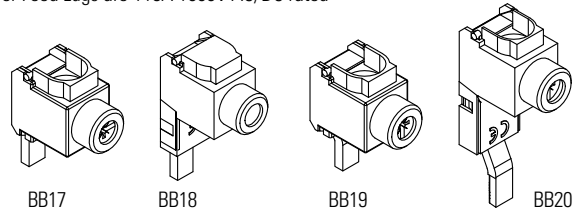
Endcaps are standard with all 3 phase configurations except 57-pole. Endcaps are not needed for the 1 phase configurations from the factory or if the copper bus is trimmed per the supplied instructions. Power feed lugs and protective covers are extra.

Accessories

Power Feed Lug

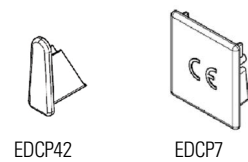
PART NUMBER	WIRE RANGE	WIRE TYPE	TORQUE	PHASE	FUSE HOLDER
BB17	#10 - 1/0 AWG	CU	50 lb-in	Single	LPSM/LPSC/LPHV
BB18	#10 - 1/0 AWG	CU	50 lb-in	Three	LPSM/LPSC
BB19	#10 - 1/0 AWG	CU	50 lb-in	Single	LFPSM/LFPSC
BB20	#10 - 1/0 AWG	CU	50 lb-in	Three	LFPSM/LFPSC

Power Feed Lugs are 115A 1000V AC/DC rated



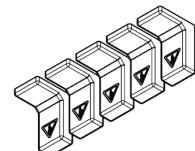
Endcaps

PART NUMBER	PHASE	QUANTITY
EDCP42	Single	50
EDCP7	Three	50



Pole Protective Covers

PART NUMBER	QUANTITY
CTPT5	5



LPSM QUICK CONNECT POWR-SAFE FUSE HOLDERS



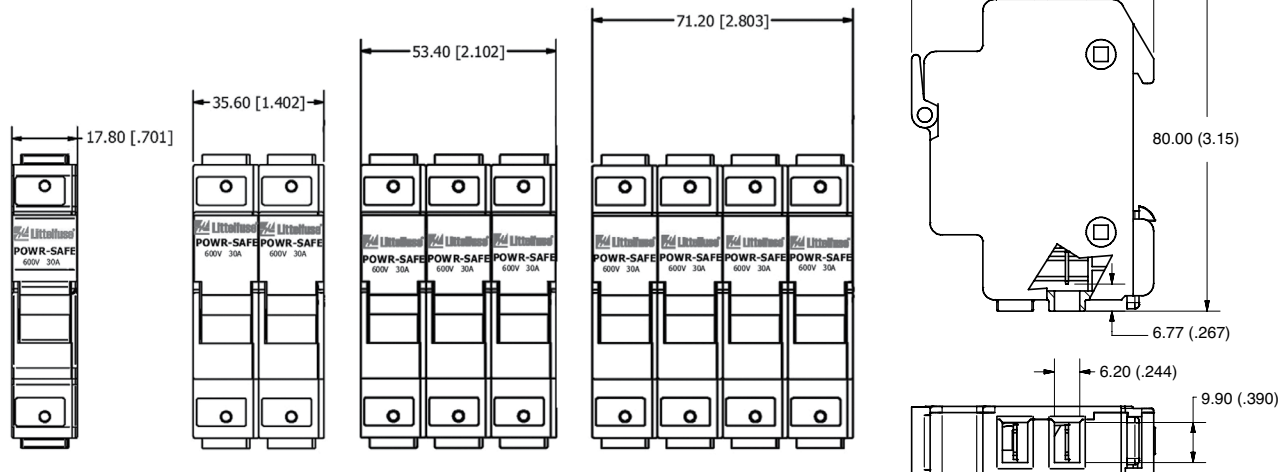
Description

The LPSM midget fuse holder series is a dead front design providing protection to personnel when installing and removing fuses. The compact fuse holder 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.

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

Dimensions mm (inches)



Specifications

Voltage Rating	600 Vac/dc
Amperage Rating	30 A
Approval	UL Recognized (File No. E14721) CSA Certified (File No. LR7316) IEC 60269-2 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

Ordering Information

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

2-Pole Assembly Kit Ordering No. CYHP0001Z-KIT
(Kit contains 20 connector pincers & 10 handle pins.)

Recommended Fuses

Midget-Style (10x38mm) 30

Web Resources

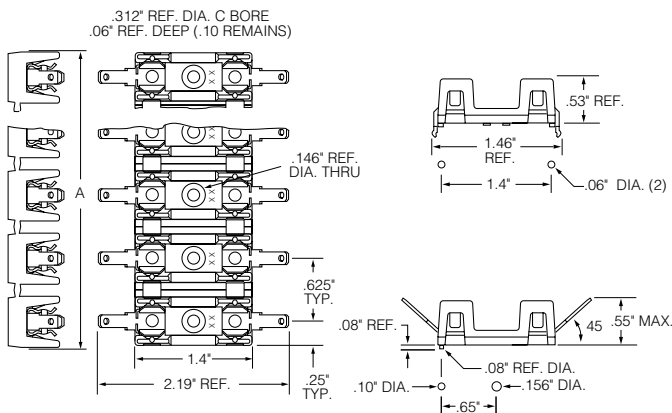
Download CAD drawings and other technical information:
littelfuse.com/lpsmqc

354 SERIES 3AG OMNI BLOCK®

Molded Base Type Fuse Block



Dimensions Inches



Description

A low profile fuse block 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: Gray except anti-rotation series which is black
Flammability Rating	UL94 V-0
Ambient Temperature	-40°C to +85°C

Ordering Information

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

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

Recommended Fuses

3AG Cartridge 34

Web Resources

For additional technical information visit: littelfuse.com

Technical Information

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	354 901GY	1	.50"
354 002GY	354 602GY	354 802GY	354 902GY	2	1.12"
354 003GY	354 603GY	354 803GY	354 903GY	3	1.75"
354 004 GY	354 604GY	354 804GY	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"
354 012GY	354 612GY	354 812GY	354 912GY	12	7.38"
354 021BL*	354 621BL*	354 821BL*	354 921BL*	1	.50"
354 101GY	—	—	—	1	.50"

† NEMA style

* With Anti-Rotation Boss

FUSE PULLERS & POWR-JAW CLIP CLAMPS

MFP • LPFP • GFP • 097023



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 $\frac{9}{16}$ " - $1\frac{13}{32}$ " 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, MINI and glass fuses

Web Resources

For additional technical information visit:
littelfuse.com/fusepullers

LCC Series POWR-JAW



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 durability
- Wide range of coverage with simple design

Ordering Information

CATALOG NUMBER	ORDERING 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 fuse block barrier and fuse clip is required to install Clip Clamps.*

Web Resources

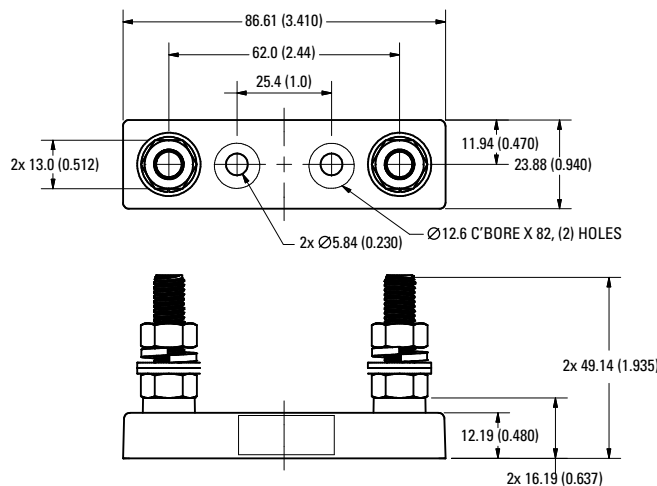
For additional technical information visit:
littelfuse.com/clipclamps

LFFB SERIES LIMITER BLOCK / LHFB INLINE HOLDER

LFFB



Dimensions mm (inches)



Description

The LFFB series fuse block is designed to accept bolt-down 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 and CNL series fuses as well.

Specifications

Voltage Rating	150 Vac/Vdc
Ampere Rating	800 A
Approvals	UL Recognized (File: E14721)
Construction	Base—Thermoplastic Studs—Steel Zinc Plated

Ordering Information

CATALOG NUMBER	ORDERING NUMBER
LFFB003	LFFB0003Z

Web Resources

Sample requests and other technical information:
littelfuse.com/lffb

Recommended Fuses

CNL/CNN/CNN_E Fork Lift fuses.....	64
HAZGARD (581 series) fuse	64

LHFB



Description

The Littelfuse LHFB waterproof in-line fuse holder 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 fuse holder 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" x 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 fuse holder 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 and other technical information:
littelfuse.com/lhfb

571 & 572 SERIES PANEL-MOUNT FUSE HOLDERS

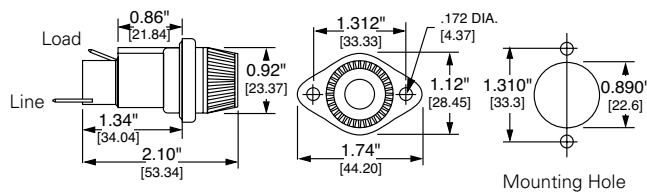
571



Description

Panel mount fuse holders 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 holders to prevent the installation of fuses with lower voltage ratings or interrupting ratings. Watertight version must be front panel mounted.

Dimensions Inches (mm)



Ordering Information

CATALOG/ORDERING NUMBER				BOTTOM TERMINAL	FUSE LENGTH RANGE*	FOR USE WITH
STANDARD		WATERTIGHT				
571027	05710027L	571027P	05710027LXP	Straight	1 ⁵ / ₁₆ " – 1 ³ / ₈ "	Midget Fuses
571028	05710028L	571028P	05710028LXP	Rt. Angle		
571007	05710007L	571007P	05710007LXP	Straight	1 ¹³ / ₃₂ " – 1 ¹ / ₂ "	Midget Fuses
571008	05710008L	571008P	05710008LXP	Rt. Angle		
5710CC	057100CCL	5710CCP	057100CCLXP	Straight	1 ¹ / ₂ "	Class CC Fuses
571RCC	05710RCCL	571RCCP	05710RCCLXP	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 & quick-connect
O-Rings	901-184 (body), 901-260 (knob)
Molded Parts	Black thermoplastic
Approvals	UL Recognized (File: E14721) UL Recognized for branch circuit protection (5710CC/RCC) CSA Certified (File: LR7316)

Web Resources

Additional technical information: littelfuse.com/571

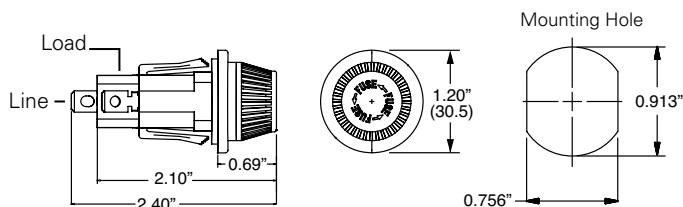
572



Description

The 572 series panel mount fuse holders 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 Inches (mm)



Ordering Information

CATALOG/ORDERING NUMBER				BOTTOM TERMINAL	FUSE LENGTH RANGE†	FOR USE WITH
STANDARD		WATERTIGHT				
572027	05720027L	572027P	05720027LXP	Straight	1 ⁵ / ₁₆ " – 1 ³ / ₈ "	Midget Fuses
572028	05720028L	572028P	05720028LXP	Rt. Angle		
572007	05720007L	572007P	05720007LXP	Straight	1 ¹³ / ₃₂ " – 1 ¹ / ₂ "	Midget Fuses
572008	05720008L	572008P	05720008LXP	Rt. Angle		
5720CC	057200CCL	5720CCP	057200CCLXP	Straight	1 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 & quick-connect
Molded Parts	Black thermoplastic
Approvals	UL Recognized (File: E14721) UL Recognized for branch circuit protection (5720CC/RCC) Class CC version CSA Certified (File: LR7316) Double "D" punch - Greenlee #61092 (14-18 gauge panel thickness recommended)
Mounting	

Web Resources

Additional technical information: littelfuse.com/572

342 SERIES 3AG (1/4" X 1 1/4") PANEL MOUNT FUSE HOLDERS

Traditional Panel Mount Type



Straight Terminal
Knurled Knob



Right Angle
Terminal
Fluted Knob

Description

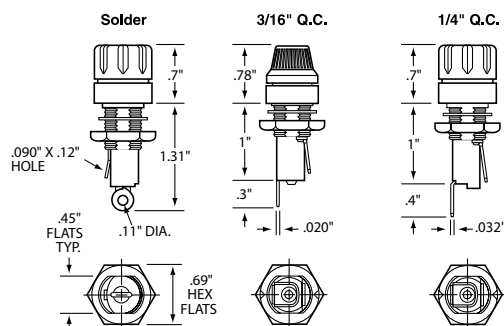
Panel Mount Fuse holders for 3AG (1/4" x 1 1/4") fuses. Both fluted and knurled knob terminal options are available.

Ordering Information

Straight Terminal

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

Straight Terminal



**Dimensions
in inches**

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 Cartridge 34

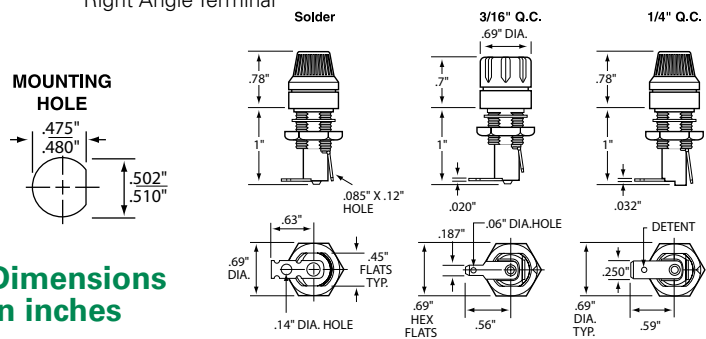
Web Resources

Additional technical information available at:
littelfuse.com/342

Right Angle Terminal

FLUTED KNOB		KNURLED KNOB		TERMINAL
CATALOG/ORDERING NUMBER		CATALOG/ORDERING NUMBER		
342004	03420004X	342022A	03420022X	Solder
342028A	03420028X	342048A	03420048X	3/16" Q.C.
342828	03420828X	342848A	03420848X	1/4" Q.C.

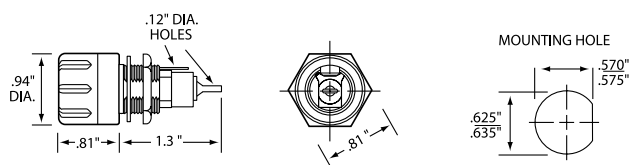
Right Angle Terminal



342 Series (Watertight Panel Mount Type)



Dimensions 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	ORDERING NUMBER
342006A	0342006ZXA

Recommended Fuses

3AG Cartridge 34

345 SERIES PANEL MOUNT FUSE HOLDERS

International Shock-Safe Panel Mount Type



Description

Designed to eliminate electrical shock as defined by IEC Standards 60065 and 60127, these panel-mount fuses holders 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 fuse holder 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



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 Copper alloy, Tin-plated
Terminals	Copper alloy, Tin-plated
Ambient Temperature	−40°C to +85°C
Hardware	Threaded style fuse holders are supplied with a thermoplastic hex nut unassembled Quick mount style fuse holders 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

Web Resources

For more informations, visit:
littelfuse.com/shocksafe

Recommended Fuses

Glass / Electronic Fuses..... 33

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 fuse holder 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 Black Fingergrasp Knob	3/16" (Right Angle) Dual Purpose Solder/QC	Lockwasher
3	RF	2	N
3AG .250" x 1.250"	Rear Mount Body Black Fingergrasp Knob	3/16" (Straight) Dual Purpose Solder/QC	Neoprene Washer
5		3	NP
5 x 20 mm .197" X .787"	HS	3/16" (Right Angle) NEMA QC	Drip-Proof O-Ring† with Neoprene Washer
	LS	4	
	Low Profile Body Screwdriver Slot Knob	3/16" (Straight) NEMA QC	
	LS	7	
	Low Profile Body Screwdriver Slot Knob	1/4" (Right Angle) NEMA/DIN QC	
	QS	8	
	Quick Mount Body Screwdriver Slot Knob	1/4" (Straight) NEMA/DIN QC	
	Screwdriver Slot Knob 2AG—Blue Knob 3AG—Grey Knob 5 x 20 mm—Black Knob		

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

†Screwdriver slot knob only.

LSCR SERIES HIGH-SPEED FUSE BLOCKS

700 V/1000 V



Description

Littelfuse LSCR Series is a comprehensive line of modular fuse blocks, designed to accommodate a wide range of High-Speed and UL Power Fuses. These LSCR Series blocks have modular stud type design that enables easy mounting in panel boards.

LSCR Series blocks are CE Certified and RoHS Compliant.

Features/Benefits

- Modular design reduces inventory requirements
- Sold in pairs for convenience
- Supplied with nut and Belleville washer
- 200kA short-circuit withstand rating
- Constructed of molded phenolic (with plated steel studs) provide greater heat dissipation

Specifications

Voltage Rating	700 V / 1000 V
Ampere Ratings	400A, 800A and 1200A
Withstand Rating	200kA
Approvals	UL Recognized (File: E14721) cURus Recognized (E14721) CSA Certified (File: 73160)
Material	Base: Molded Phenolic or Thermoplastic Terminal Construction: Plated steel.
Flammability Rating	UL94 V-0
Environmental	RoHS Compliant
Country of Origin	LSCR0xx - China LSCR1xx - USA

Web Resources

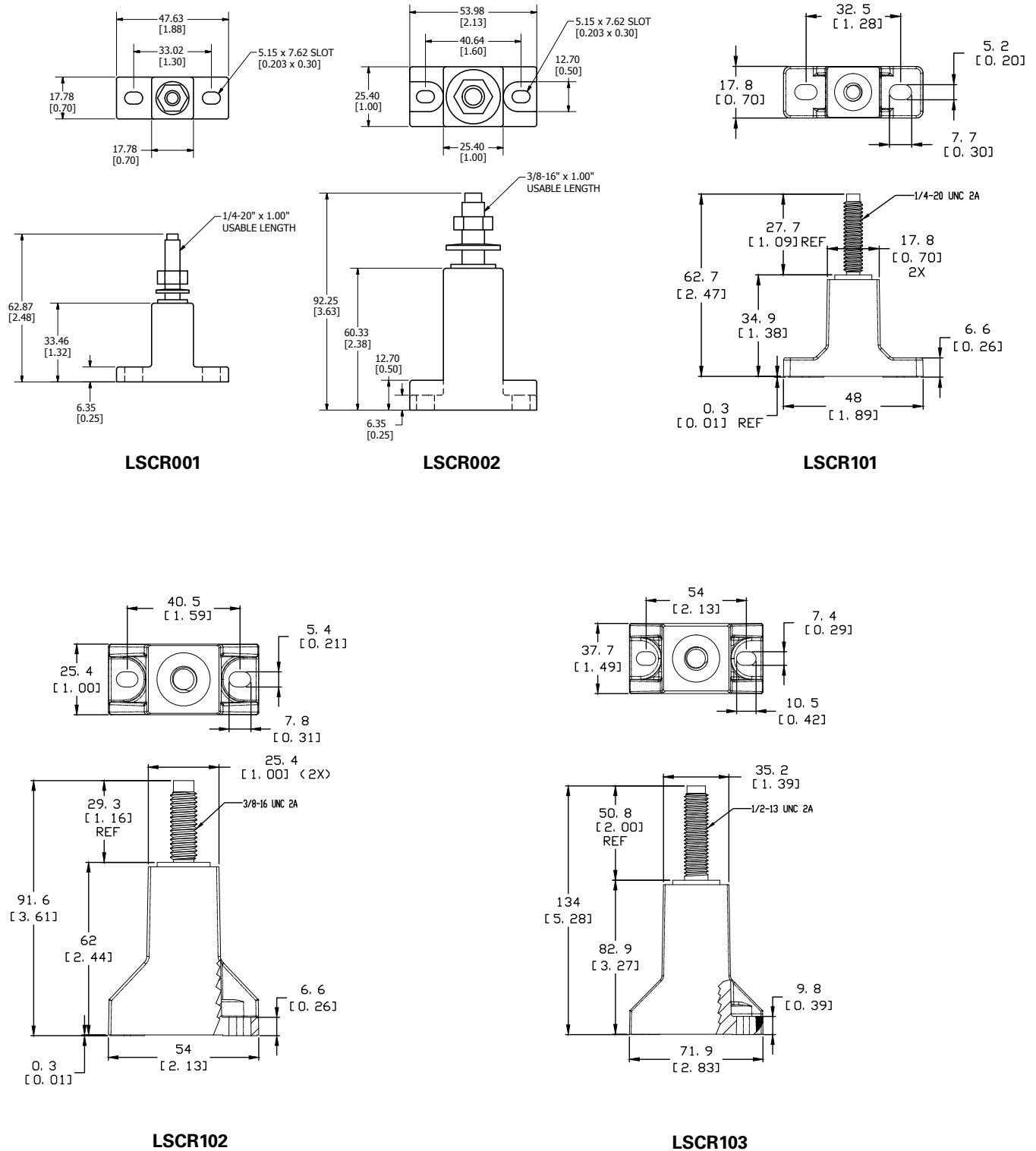
For more information, visit: littelfuse.com/lscr

ELECTRICAL & MECHANICAL SPECIFICATIONS

CATALOG/ ORDERING NUMBER	AMPERE RATING	VOLTAGE RATING	TERMINAL (STUD) MATERIAL	INSULATOR		TERMINAL (STUD) SIZE	STUD TORQUE		MOUNTING FASTNER SIZE	FASTENER TORQUE		AGENCY APPROVALS		
				MATERIAL	MAX. BASE TEMPERATURE		(in.lbs)	(N-m)		(in.lbs)	(N-m)	UR	CURUS	CSA
LSCR001	400A	700Vac/dc	Plated Steel	Molded Phenolic	150°C (302°F)	¼-20 UNC	61	6.9	#10	20-25	2.3-2.8	•		•
LSCR002	800A	700Vac/dc	Plated Steel	Molded Phenolic	150°C (302°F)	3/8-16 UNC	192	21.7	#10	20-25	2.3-2.8	•		•
LSCR101	400A	1000Vac/dc	Steel, Zinc Plated	Thermoplastic	125°C (257°F)	¼-20 UNC	75	8.5	#10	25-30	2.8-3.4		•	
LSCR102	800A	1000Vac/dc	Steel, Zinc Plated	Thermoplastic	125°C (257°F)	3/8-16 UNC	230	26	#10	25-30	2.8-3.4		•	
LSCR103	1200A	1000Vac/dc	Steel, Zinc Plated	Thermoplastic	125°C (257°F)	½-13 UNC	300	34	¼"	25-30	2.8-3.4		•	

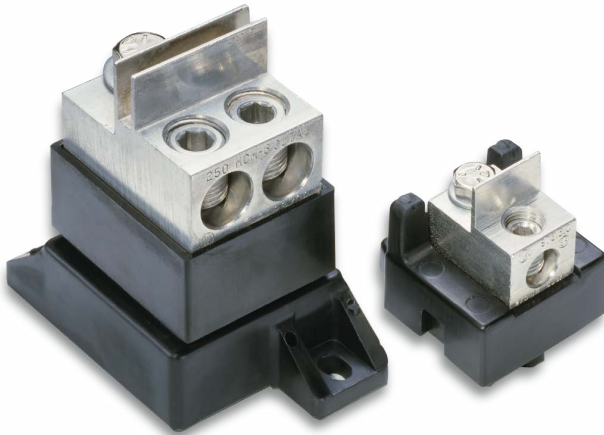
LSCR SERIES HIGH-SPEED FUSE BLOCKS

Dimensions mm (inches)



1LFS SERIES HIGH-SPEED FUSE BLOCKS

600V • 1-400 A



Specifications

Voltage Rating	600 V
Ampere Range	1 – 400 A
Approvals	UL Recognized E14721
Material	Base: 150° C general purpose phenolic Terminal: Tin plated aluminum

Web Resources

Download CAD drawings and other technical information:
littelfuse.com/1lfs

Description

Littelfuse modular style high-speed semiconductor fuse blocks 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 general purpose phenolic (with tin plated aluminum terminations)

Ordering Information

CATALOG 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

Recommended Fuses

1LFS101

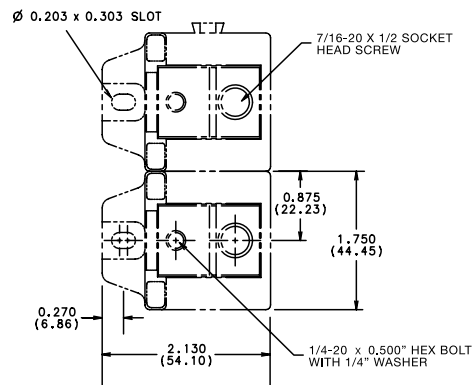
FUSE SERIES	AMPERE RATINGS
L15S	70-100
L25S	35-100
L50S	35-100
L60S	35-100
KLC	1-100

1LFS102

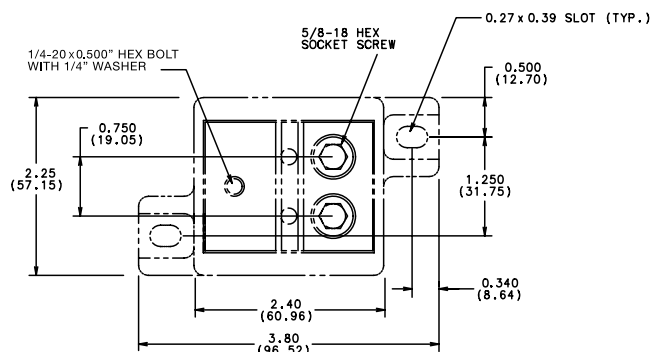
FUSE SERIES	AMPERE RATINGS
L15S	70-400
L25S	70-200
L50S	125-200
L60S	125-200

Dimensions Inches (mm)

1LFS101



1LFS102



POWR-BLOKS

Distribution Blocks • Splicer Blocks • 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.

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 or multiple, solid or class B or C stranded conductor. For UL approved use of more than one conductor per connector opening, contact Littelfuse Technical Service. 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
SCCR	Consult Factory
Material	Phenolic rated at 150°C and Thermoplastic rated at 125°C (LD1400 and LS1300 series only)
Connector	Aluminum: Highly conductive aluminum, tin plated Copper: Highly conductive copper, tin plated
Flammability Rating	UL94 V-0
Approvals	UL Recognized - OLD/OLS Series (File: E171395) LFD/LFS Series (File: E309688) CSA Certified - OLD/OLS Series (File: LR700111) LFD/LFS Series (File: 007316_0_000) UL Listed - OLD57xxxx (File: E482231)
Environmental	RoHS compliant, Lead (Pb) free

Ordering Information

See Selection Guide on next page

Web Resources

For dimension, CAD and 3-D drawings, visit:
Littelfuse.com/powrbloks

Hinged Plastic Covers



Clear Plastic Covers



POWR-BLOKS

Distribution Block Selection Guide

AMP PER POLE	POLES	CONNECTOR MATERIAL	LINE CONNECTION					LOAD CONNECTION					FIGURE	CATALOG/ ORDERING NUMBER	*PLASTIC COVER ORDERING NUMBER
			CONNECTOR IMAGE	OPENINGS PER POLE	LUG TYPE	WIRE RANGE	TORQUE RANGE	CONNECTOR IMAGE	OPENINGS PER POLE	LUG TYPE	WIRE RANGE	TORQUE RANGE			
115	1	AL		1	Slotted	#2 - #14	35-50 in-lbs		4	Slotted	#10 - #18	7 in-lbs	10	OLD14401Z	LPBC1441
115	2			1	Slotted	#2 - #14	35-50 in-lbs		4	Slotted	#10 - #18	7 in-lbs	10	OLD14402Z	LPBC1442
115	3			1	5/32" Hex	#2 - #14	50-40 in-lbs		4	5/64" Hex	#10 - #18	7 in-lbs	2	LFD14003Z	LPBC13
115	4			1	Slotted	#2 - #14	35-50 in-lbs		4	Slotted	#10 - #18	7 in-lbs	10	OLD14404Z	LPBC1444
175	1	AL		1	5/16" Hex	2/0 - #14	35-120 in-lbs		4	Slotted	#4 - #14	35 in-lbs	3	OLD25701Z	LPBC21
175	2			1	3/16" Hex	2/0 - #14	40-120 in-lbs		4	1/8" Hex	#4 - #14	35 in-lbs	3	LFD25702Z	LPBC22
175	3			1	3/16" Hex	2/0 - #14	40-120 in-lbs		4	1/8" Hex	#4 - #14	35 in-lbs	3	LFD25703Z	LPBC23
175	1			AL		1	3/16" Hex		2/0 - #14	35-120 in-lbs	4	1/8" Hex	#4 - #14	35 in-lbs	4
175	2	1	3/16" Hex			2/0 - #14	35-120 in-lbs	4	1/8" Hex	#4 - #14	35 in-lbs	4	OLD25702ZXDIN	OLCH1322Z	
175	3	1	3/16" Hex			2/0 - #14	35-120 in-lbs	4	1/8" Hex	#4 - #14	35 in-lbs	4	OLD25703ZXDIN	OLCH1323Z	
175	Adder	1	—			2/0 - #14	35-120 in-lbs	4	—	#4 - #14	35 in-lbs	4	OLD2570AZXDIN	-	
175	1	CU		1	3/16" Hex	2/0 - #14	35-120 in-lbs		4	Slotted	#4 - #14	35 in-lbs	3	OLD29701Z	LPBC21
175	2			1	3/16" Hex	2/0 - #14	35-120 in-lbs		4	Slotted	#4 - #14	35 in-lbs	3	OLD29702Z	LPBC22
175	3			1	3/16" Hex	2/0 - #14	35-120 in-lbs		4	Slotted	#4 - #14	35 in-lbs	3	OLD29703Z	LPBC23
175	1			CU		1	3/16" Hex		2/0 - #14	35-120 in-lbs	4	Slotted	#4 - #14	35 in-lbs	4
175	2	1	3/16" Hex			2/0 - #14	35-120 in-lbs	4	Slotted	#4 - #14	35 in-lbs	4	OLD29702ZXDIN	OLCH1322Z	
175	3	1	3/16" Hex			2/0 - #14	35-120 in-lbs	4	Slotted	#4 - #14	35 in-lbs	4	OLD29703ZXDIN	OLCH1323Z	
175	Adder	1	—			2/0 - #14	35-120 in-lbs	4	—	#4 - #14	35 in-lbs	4	OLD2970AZXDIN	-	
175	2	AL		1	5/16" Hex	2/0 - #14	35-120 in-lbs		4	Slotted	#4 - #14	35 in-lbs	1	OLD04022Z	LPBC02
175	3			1	5/16" Hex	2/0 - #14	35-120 in-lbs		4	Slotted	#4 - #14	35 in-lbs	1	OLD04023Z	LPBC03
175	2	AL		1	5/16" Hex	2/0 - #14	35-120 in-lbs		6	Slotted	#4 - #14	35 in-lbs	1	OLD04012Z	LPBC02
175	3			1	3/16" Hex	2/0 - #14	40-120 in-lbs		6	1/8" Hex	#4 - #14	35 in-lbs	1	LFD04013Z	LPBC03
175	1	AL		1	5/16" Hex	2/0 - #14	35-120 in-lbs		6	1/8" Hex	#4 - #14	35 in-lbs	4	OLD25801ZXDIN	OLCH1321Z
175	2			1	5/16" Hex	2/0 - #14	35-120 in-lbs		6	1/8" Hex	#4 - #14	35 in-lbs	4	OLD25802ZXDIN	OLCH1322Z
175	3			1	5/16" Hex	2/0 - #14	35-120 in-lbs		6	1/8" Hex	#4 - #14	35 in-lbs	4	OLD25803ZXDIN	OLCH1323Z
175	Adder			1	5/16" Hex	2/0 - #14	35-120 in-lbs		6	1/8" Hex	#4 - #14	35 in-lbs	4	OLD2580AZXDIN	-
310	3	AL		1	5/16" Hex	350kcmil - #6	40-120 in-lbs		2	3/16" Hex	2/0 - #14	35-120 in-lbs	9	OLD335543Z	OLCH1333Z
310	2	AL		1	5/16" Hex	350kcmil - #6	275 in-lbs		6	Slotted	#4 - #14	35 in-lbs	1	OLD04042Z	LPBC02
310	3			1	5/16" Hex	350kcmil - #6	275 in-lbs		6	Slotted	#4 - #14	35 in-lbs	1	OLD04043Z	LPBC03
335	1	AL		1	5/16" Hex	400kcmil - #6	275 in-lbs		4	Slotted	#2 - #14	35-50 in-lbs	5	OLD35521Z	LPBC31
335	2			1	5/16" Hex	400kcmil - #6	275 in-lbs		4	Slotted	#2 - #14	35-50 in-lbs	5	OLD35522Z	LPBC32
380	3			1	3/8" Hex	500kcmil - #6	375 in-lbs		4	5/32" Hex	#2 - #14	35-50 in-lbs	5	LFD35523Z	LPBC33
335	1	AL		1	5/16" Hex	400kcmil - #6	275 in-lbs		6	Slotted	#2 - #14	35-50 in-lbs	5	OLD35531Z	LPBC31
335	2			1	5/16" Hex	400kcmil - #6	275 in-lbs		6	Slotted	#2 - #14	35-50 in-lbs	5	OLD35532Z	LPBC32
380	3			1	3/8" Hex	500kcmil - #6	375 in-lbs		6	5/32" Hex	#2 - #14	40-50 in-lbs	5	LFD35533Z	LPBC33
335	1	AL		1	Slotted	400kcmil - #6	275 in-lbs		8	Slotted	#2 - #14	35-50 in-lbs	6	OLD45601Z	LPBC41
335	2			1	Slotted	400kcmil - #6	275 in-lbs		8	Slotted	#2 - #14	35-50 in-lbs	6	OLD45602Z	LPBC42
335	3			1	Slotted	400kcmil - #6	275 in-lbs		8	Slotted	#2 - #14	35-50 in-lbs	6	OLD45603Z	LPBC43
350	1	AL		2	3/16" Hex	2/0 - #14	35-120 in-lbs		6	Slotted	#4 - #14	35 in-lbs	5	OLD35551Z	LPBC31
350	2			2	3w/16" Hex	2/0 - #14	35-120 in-lbs		6	Slotted	#4 - #14	35 in-lbs	5	OLD35552Z	LPBC32
350	3			2	3/16" Hex	2/0 - #14	40-120 in-lbs		6	1/8" Hex	#4 - #14	35 in-lbs	5	LFD35553Z	LPBC33
350	1	CU		2	Slotted	2/0 - #14	35-120 in-lbs		6	1/8" Hex	#4 - #14	35 in-lbs	5	OLD39551Z	LPBC31
350	2			2	Slotted	2/0 - #14	35-120 in-lbs		6	1/8" Hex	#4 - #14	35 in-lbs	5	OLD39552Z	LPBC32
350	3			2	Slotted	2/0 - #14	35-120 in-lbs		6	1/8" Hex	#4 - #14	35 in-lbs	5	OLD39553Z	LPBC33
380	1	CU		1	Slotted	500kcmil - #6	375 in-lbs		6	5/32" Hex	#2 - #14	35-50 in-lbs	5	OLD39531Z	LPBC31
380	2			1	Slotted	500kcmil - #6	375 in-lbs		6	5/32" Hex	#2 - #14	35-50 in-lbs	5	OLD39532Z	LPBC32
380	3			1	Slotted	500kcmil - #6	375 in-lbs		6	5/32" Hex	#2 - #14	35-50 in-lbs	5	OLD39533Z	LPBC33
380	1	AL		1	Slotted	500kcmil - #4	375 in-lbs		6	Slotted	#2 - #14	35-50 in-lbs	6	OLD45511Z	LPBC41
380	2			1	Slotted	500kcmil - #4	375 in-lbs		6	Slotted	#2 - #14	35-50 in-lbs	6	OLD45512Z	LPBC42
380	3			1	Slotted	500kcmil - #4	375 in-lbs		6	Slotted	#2 - #14	35-50 in-lbs	6	OLD45513Z	LPBC43
380	1	AL		1	3/8" Hex	500kcmil - #4	375 in-lbs		6	5/16" Hex	2/0 - #14	35-120 in-lbs	7	OLD55791Z	LPBC51
380	2			1	3/8" Hex	500kcmil - #4	375 in-lbs		6	5/16" Hex	2/0 - #14	35-120 in-lbs	7	OLD55792Z	LPBC52
380	3			1	3/8" Hex	500kcmil - #4	375 in-lbs		6	5/16" Hex	2/0 - #14	40-120 in-lbs	7	LFD55793Z	LPBC53

Note: AL = Aluminum / CU = Copper *Covers sold separately

POWR-BLOKS

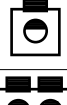
Distribution Block Selection Guide

AMP PER POLE	POLES	CONNECTOR MATERIAL	LINE CONNECTION					LOAD CONNECTION					FIGURE	CATALOG/ ORDERING NUMBER	*PLASTIC COVER ORDERING NUMBER
			CONNECTOR IMAGE	OPENINGS PER POLE	LUG TYPE	WIRE RANGE	TORQUE RANGE	CONNECTOR IMAGE	OPENINGS PER POLE	LUG TYPE	WIRE RANGE	TORQUE RANGE			
380	1	AL		1	3/8" Hex	500kcmil- #4	375 in-lbs		8	5/32" Hex	#2 - #14	35-50 in-lbs	7	OLD55941Z	LPBC51
380	2			1	3/8" Hex	500kcmil- #4	375 in-lbs		8	5/32" Hex	#2 - #14	35-50 in-lbs	7	OLD55942Z	LPBC52
380	3			1	3/8" Hex	500kcmil- #4	375 in-lbs		8	5/32" Hex	#2 - #14	35-50 in-lbs	7	OLD55943Z	LPBC53
380	1	AL		1	Slotted	500kcmil - #4	375 in-lbs		12	Slotted	#2 - #14	35-50 in-lbs	7	OLD55521Z	LPBC51
380	2			1	Slotted	500kcmil - #4	375 in-lbs		12	Slotted	#2 - #14	35-50 in-lbs	7	OLD55522Z	LPBC52
380	3			1	3/8" Hex	500kcmil - #4	375 in-lbs		12	5/32" Hex	#2 - #14	40-50 in-lbs	7	LFD55523Z	LPBC53
420	1	AL		1	1/2" Hex	600kcmil- #2	375 in-lbs		3	3/16" Hex	1/0 - #14	35-120 in-lbs	9	OLD35881Z	OLCH1331Z
									6	5/32" Hex	#2 - #14	35-50 in-lbs			
420	3	AL		1	1/2" Hex	600kcmil- #2	375 in-lbs		3	3/16" Hex	1/0 - #14	35-120 in-lbs	9	OLD35883Z	OLCH1333Z
									6	5/32" Hex	#2 - #14	35-50 in-lbs			
420	1	AL		1	1/2" Hex	600kcmil- #2	375 in-lbs		12	1/8" Hex	#4 - #14	35 in-lbs	9	OLD35951Z	OLCH1331Z
420	2			1	1/2" Hex	600kcmil- #2	375 in-lbs		12	1/8" Hex	#4 - #14	35 in-lbs	9	OLD35952Z	OLCH1332Z
510	1	AL		2	5/16" Hex	250kcmil - #6	275 in-lbs		12	1/8" Hex	#4 - #14	35 in-lbs	9	OLD35961Z	OLCH1331Z
510	2			2	5/16" Hex	250kcmil - #6	275 in-lbs		12	1/8" Hex	#4 - #14	35 in-lbs	9	OLD35962Z	OLCH1332Z
510	3			2	5/16" Hex	250kcmil - #6	275 in-lbs		12	1/8" Hex	#4 - #14	35 in-lbs	9	OLD35963Z	OLCH1333Z
760	1	AL		2	3/8" Hex	500kcmil - #6	375 in-lbs		8	5/16" Hex	2/0 - #14	35-120 in-lbs	7	OLD55861Z	LPBC51
760	2			2	3/8" Hex	500kcmil - #6	375 in-lbs		8	5/16" Hex	2/0 - #14	35-120 in-lbs	7	OLD55862Z	LPBC52
760	3			2	3/8" Hex	500kcmil - #4	375 in-lbs		8	3/16" Hex	2/0 - #14	40-120 in-lbs	7	LFD55863Z	LPBC53
760	1	CU		2	3/8" Hex	500kcmil- #4	375 in-lbs		8	3/16" Hex	2/0 - #14	35-120 in-lbs	7	OLD59861Z	LPBC51
760	2			2	3/8" Hex	500kcmil- #4	375 in-lbs		8	3/16" Hex	2/0 - #14	35-120 in-lbs	7	OLD59862Z	LPBC52
760	3			2	3/8" Hex	500kcmil- #4	375 in-lbs		8	3/16" Hex	2/0 - #14	35-120 in-lbs	7	OLD59863Z	LPBC53
760	1	AL		2	3/8" Hex	500kcmil- #6	375 in-lbs		12	Slotted	#4 - #14	35 in-lbs	7	OLD55921Z	LPBC51
760	2			2	3/8" Hex	500kcmil- #6	375 in-lbs		12	Slotted	#4 - #14	35 in-lbs	7	OLD55922Z	LPBC52
760	3			2	3/8" Hex	500kcmil- #4	375 in-lbs		12	1/8" Hex	#4 - #14	35 in-lbs	7	LFD55923Z	LPBC53
760	1	CU		2	3/8" Hex	500kcmil- #6	375 in-lbs		12	Slotted	#2 - #14	35-50 in-lbs	7	OLD59921Z	LPBC51
760	2			2	3/8" Hex	500kcmil- #6	375 in-lbs		12	Slotted	#2 - #14	35-50 in-lbs	7	OLD59922Z	LPBC52
760	3			2	3/8" Hex	500kcmil- #6	375 in-lbs		12	Slotted	#2 - #14	35-50 in-lbs	7	OLD59923Z	LPBC53
760	3	AL		2	1/2" Hex	500kcmil - #4	375 in-lbs		12	5/16" Hex	#2 - #14	35-50 in-lbs	7	OLD54083Z	LPBC53
840	3	AL		2	1/2" Hex	600kcmil- #2	375 in-lbs		4	5/16" Hex	3/0 - #6	120 in-lbs	7	OLD54113Z	LPBC53
									4	5/16" Hex	#4 - #14	35 in-lbs			
950	1	AL		2	9/16" Hex	750kcmil - 1/0	600 in-lbs		10	3/16" Hex	2/0 - #14	50-120 in-lbs	8	OLD57041Z	OLCH1351Z
950	3	AL		2	9/16" Hex	750kcmil - 1/0	600 in-lbs		10	3/16" Hex	2/0 - #14	50-120 in-lbs	8	OLD57043Z	OLCH1351Z
950	1	AL		2	9/16" Hex	750kcmil - 1/0	600 in-lbs		3	5/16" Hex	250kcmil - #6	275 in-lbs	8	OLD57051Z	OLCH1351Z
									12	5/32" Hex	#2 - #14	40-50 in-lbs			
950	3	AL		2	9/16" Hex	750kcmil - 1/0	600 in-lbs		3	5/16" Hex	250kcmil - #6	275 in-lbs	8	OLD57053Z	OLCH1351Z
									12	5/32" Hex	#2 - #14	40-50 in-lbs			
950	1	AL		2	9/16" Hex	750kcmil - 1/0	600 in-lbs		4	1/4" Hex	3/0 - #6	180 in-lbs	8	OLD57071Z	OLCH1351Z
									12	5/32" Hex	#2 - #14	40-50 in-lbs			
950	3	AL		2	9/16" Hex	750kcmil - 1/0	600 in-lbs		4	1/4" Hex	3/0 - #6	180 in-lbs	8	OLD57073Z	OLCH1351Z
									12	5/32" Hex	#2 - #14	40-50 in-lbs			

Note: AL = Aluminum / CU = Copper
*Covers sold separately

POWR-BLOKS

Splicer Block Selection Guide

AMP PER POLE	POLES	CONNECTOR MATERIAL	LINE CONNECTION					LOAD CONNECTION					FIGURE	CATALOG/ ORDERING NUMBER	*PLASTIC COVER ORDERING NUMBER
			CONNECTOR IMAGE	OPENINGS PER POLE	LUG TYPE	WIRE RANGE	TORQUE RANGE	CONNECTOR IMAGE	OPENINGS PER POLE	LUG TYPE	WIRE RANGE	TORQUE RANGE			
115	1	AL		1	Slotted	#2 - #14	35-50 in-lbs		1	Slotted	#2 - #14	35-50 in-lbs	10	OLS13301Z	LPBC1441
115	2			1	Slotted	#2 - #14	35-50 in-lbs		1	Slotted	#2 - #14	35-50 in-lbs	10	OLS13302Z	LPBC1442
115	3			1	5/32" Hex	#2 - #14	40-50 in-lbs		1	5/32" Hex	#2 - #14	40-50 in-lbs	2	LFS13003Z	-
115	4			1	Slotted	#2 - #14	35-50 in-lbs		1	Slotted	#2 - #14	35-50 in-lbs	10	OLS13304Z	LPBC1444
115	1	AL		1	Slotted	#2 - #14	35-50 in-lbs		1	Slotted	#2 - #14	35-50 in-lbs	3	OLS25521Z	LPBC21
115	2			1	Slotted	#2 - #14	35-50 in-lbs		1	Slotted	#2 - #14	35-50 in-lbs	3	OLS25522Z	LPBC22
115	3			1	Slotted	#2 - #14	35-50 in-lbs		1	Slotted	#2 - #14	35-50 in-lbs	3	OLS25523Z	LPBC23
150	1	CU		1	3/16" Hex	1/0 - #14	35-120 in-lbs		1	3/16" Hex	1/0 - #14	35-120 in-lbs	3	OLS21211Z	LPBC21
150	2			1	3/16" Hex	1/0 - #14	35-120 in-lbs		1	3/16" Hex	1/0 - #14	35-120 in-lbs	3	OLS21212Z	LPBC22
150	3			1	3/16" Hex	1/0 - #14	35-120 in-lbs		1	3/16" Hex	1/0 - #14	35-120 in-lbs	3	OLS21213Z	LPBC23
175	1	AL		1	5/16" Hex	2/0 - #14	35-120 in-lbs		1	5/16" Hex	2/0 - #14	35-120 in-lbs	3	OLS25721Z	LPBC21
175	2			1	5/16" Hex	2/0 - #14	35-120 in-lbs		1	5/16" Hex	2/0 - #14	35-120 in-lbs	3	OLS25722Z	LPBC22
175	3			1	3/16" Hex	2/0 - #14	40-120 in-lbs		1	3/16" Hex	2/0 - #14	40-120 in-lbs	3	LFS25723Z	LPBC23
175	1	AL		1	5/16" Hex	2/0 - #14	35-120 in-lbs		1	5/16" Hex	2/0 - #14	35-120 in-lbs	4	OLS25721ZXDIN	OLCH1321Z
175	2			1	5/16" Hex	2/0 - #14	35-120 in-lbs		1	5/16" Hex	2/0 - #14	35-120 in-lbs	4	OLS25722ZXDIN	OLCH1322Z
175	3			1	5/16" Hex	2/0 - #14	35-120 in-lbs		1	5/16" Hex	2/0 - #14	35-120 in-lbs	4	OLS25723ZXDIN	OLCH1323Z
175	Adder			1	—	2/0 - #14	35-120 in-lbs		1	—	2/0 - #14	35-120 in-lbs	4	OLS2572AZXDIN	-
175	1	CU		1	5/16" Hex	2/0 - #14	35-120 in-lbs		1	5/16" Hex	2/0 - #14	35-120 in-lbs	4	OLS29721ZXDIN	OLCH1321Z
175	2			1	5/16" Hex	2/0 - #14	35-120 in-lbs		1	5/16" Hex	2/0 - #14	35-120 in-lbs	4	OLS29722ZXDIN	OLCH1322Z
175	3			1	5/16" Hex	2/0 - #14	35-120 in-lbs		1	5/16" Hex	2/0 - #14	35-120 in-lbs	4	OLS29723ZXDIN	OLCH1323Z
175	Adder			1	—	2/0 - #14	35-120 in-lbs		1	—	2/0 - #14	35-120 in-lbs	4	OLS2972AZXDIN	-
255	1	AL		1	5/16" Hex	250kcmil - #6	275 in-lbs		1	5/16" Hex	250kcmil - #6	275 in-lbs	5	OLS31231Z	LPBC31
255	2			1	5/16" Hex	250kcmil - #6	275 in-lbs		1	5/16" Hex	250kcmil - #6	275 in-lbs	5	OLS31232Z	LPBC32
255	3			1	5/16" Hex	250kcmil - #6	275 in-lbs		1	5/16" Hex	250kcmil - #6	275 in-lbs	5	OLS31233Z	LPBC33
255	1	CU		1	3/8" Hex	250kcmil - #6	375 in-lbs		1	3/8" Hex	250kcmil - #6	375 in-lbs	5	OLS31241Z	LPBC31
255	2			1	3/8" Hex	250kcmil - #6	375 in-lbs		1	3/8" Hex	250kcmil - #6	375 in-lbs	5	OLS31242Z	LPBC32
255	3			1	3/8" Hex	250kcmil - #6	375 in-lbs		1	3/8" Hex	250kcmil - #6	375 in-lbs	5	OLS31243Z	LPBC33
310	2	AL		1	5/16" Hex	350kcmil - #6	275 in-lbs		1	5/16" Hex	350kcmil - #6	275 in-lbs	1	OLS03032Z	LPBC02
310	3			1	5/16" Hex	350kcmil - #6	275 in-lbs		1	5/16" Hex	350kcmil - #6	275 in-lbs	1	OLS03033Z	LPBC03
310	1	AL		1	5/16" Hex	350kcmil - #6	275 in-lbs		1	5/16" Hex	350kcmil - #6	275 in-lbs	5	OLS31261Z	LPBC31
310	2			1	5/16" Hex	350kcmil - #6	275 in-lbs		1	5/16" Hex	350kcmil - #6	275 in-lbs	5	OLS31262Z	LPBC32
310	3			1	5/16" Hex	350kcmil - #6	275 in-lbs		1	5/16" Hex	350kcmil - #6	275 in-lbs	5	OLS31263Z	LPBC33
350	3	AL		2	5/16" Hex	2/0 - #14	35-120 in-lbs		2	5/16" Hex	2/0 - #14	35-120 in-lbs	9	OLS33053Z	OLCH1333Z
420	1	AL		1	1/2" Hex	600kcmil - #4	500 in-lbs		1	1/2" Hex	600kcmil - #4	500 in-lbs	6	OLS45571Z	LPBC41
420	2			1	1/2" Hex	600kcmil - #4	500 in-lbs		1	1/2" Hex	600kcmil - #4	500 in-lbs	6	OLS45572Z	LPBC42
420	3			1	1/2" Hex	600kcmil - #4	500 in-lbs		1	1/2" Hex	600kcmil - #4	500 in-lbs	6	OLS45573Z	LPBC43
510	3	AL		2	5/16" Hex	250kcmil - #6	275 in-lbs		2	5/16" Hex	250kcmil - #6	275 in-lbs	9	OLS33203Z	OLCH1333Z
620	1	AL		2	5/16" Hex	350kcmil - #4	275 in-lbs		2	5/16" Hex	350kcmil - #4	275 in-lbs	7	OLS51291Z	LPBC51
620	2			2	5/16" Hex	350kcmil - #4	275 in-lbs		2	5/16" Hex	350kcmil - #4	275 in-lbs	7	OLS51292Z	LPBC52
620	3			2	5/16" Hex	350kcmil - #4	275 in-lbs		2	5/16" Hex	350kcmil - #4	275 in-lbs	7	OLS51293Z	LPBC53
760	1	AL		2	3/8" Hex	500kcmil - #4	375 in-lbs		2	3/8" Hex	500kcmil - #4	375 in-lbs	7	OLS53011Z	LPBC51
760	2			2	3/8" Hex	500kcmil - #4	375 in-lbs		2	3/8" Hex	500kcmil - #4	375 in-lbs	7	OLS53012Z	LPBC52
760	3			2	3/8" Hex	500kcmil - #4	375 in-lbs		2	3/8" Hex	500kcmil - #4	375 in-lbs	7	OLS53013Z	LPBC53

Note: AL = Aluminum / CU = Copper

Note: *Covers sold separately

POWR-BLOKS

Distribution Block and Splicer Block Outline Drawings

Dimensions Inches (mm)

Figure 1

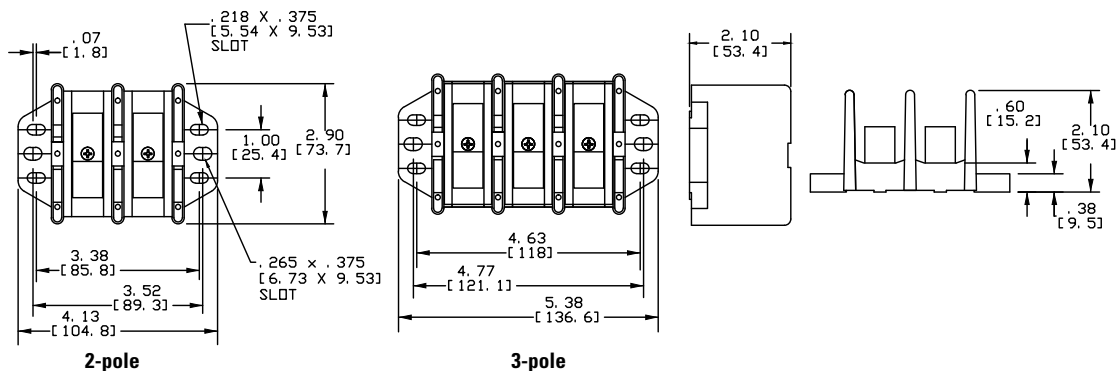


Figure 2

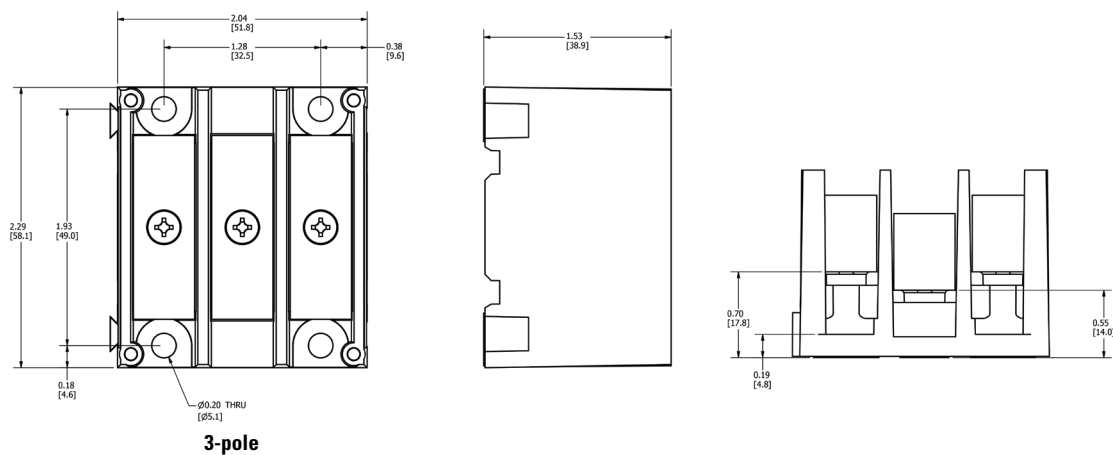
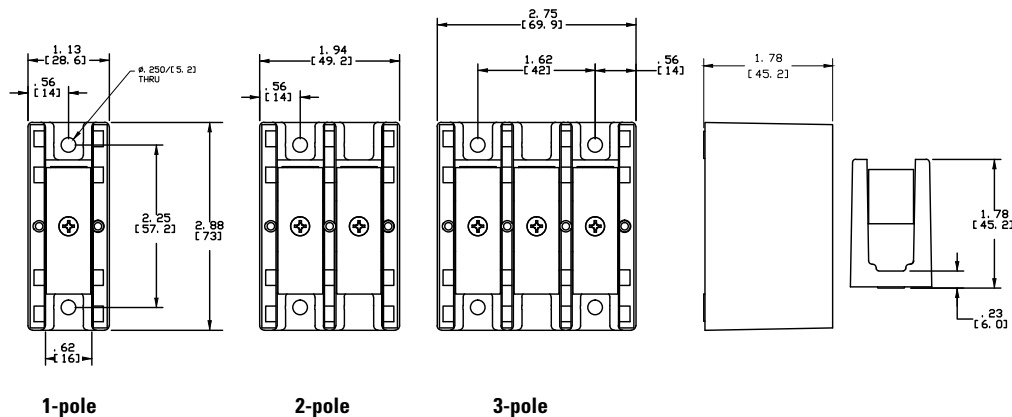


Figure 3



POWR-BLOKS

Distribution Block and Splicer Block Outline Drawings

Dimensions Inches (mm)

Figure 4

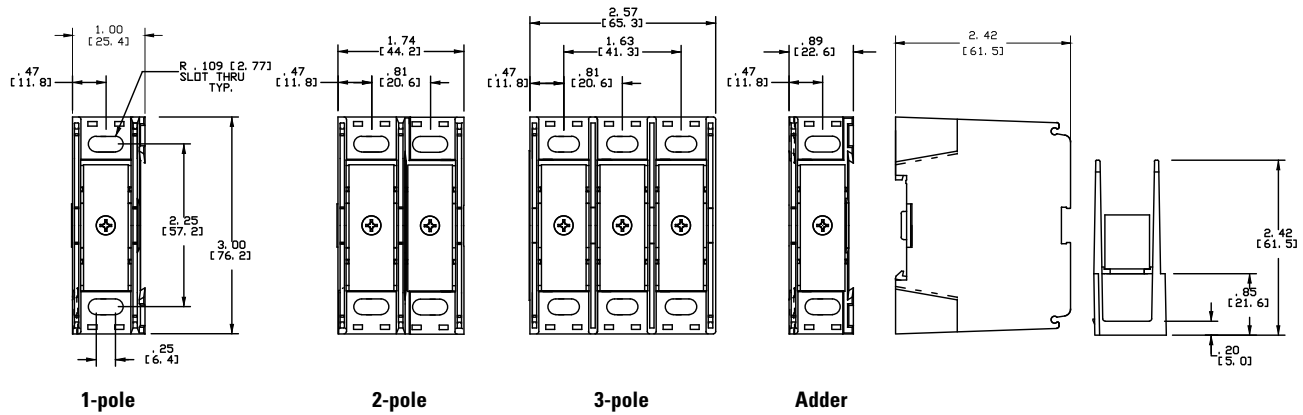


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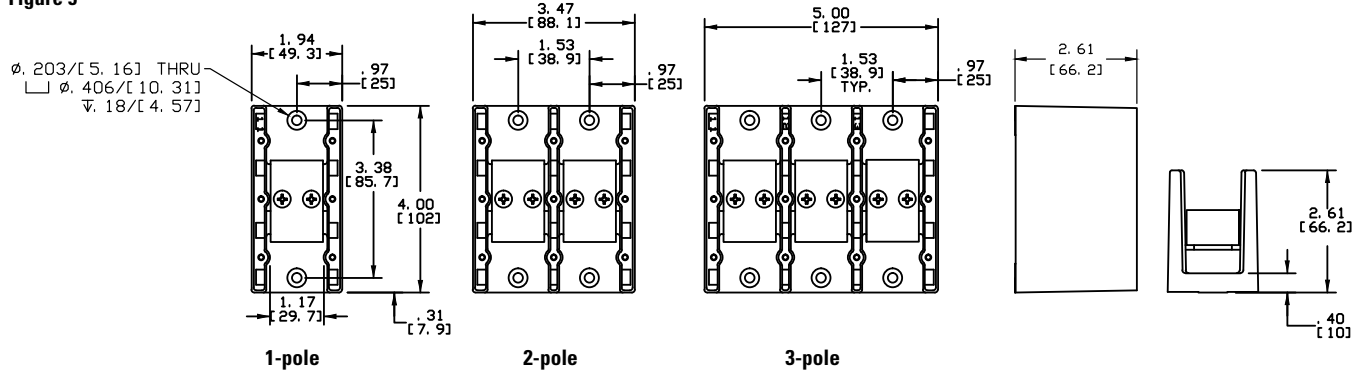
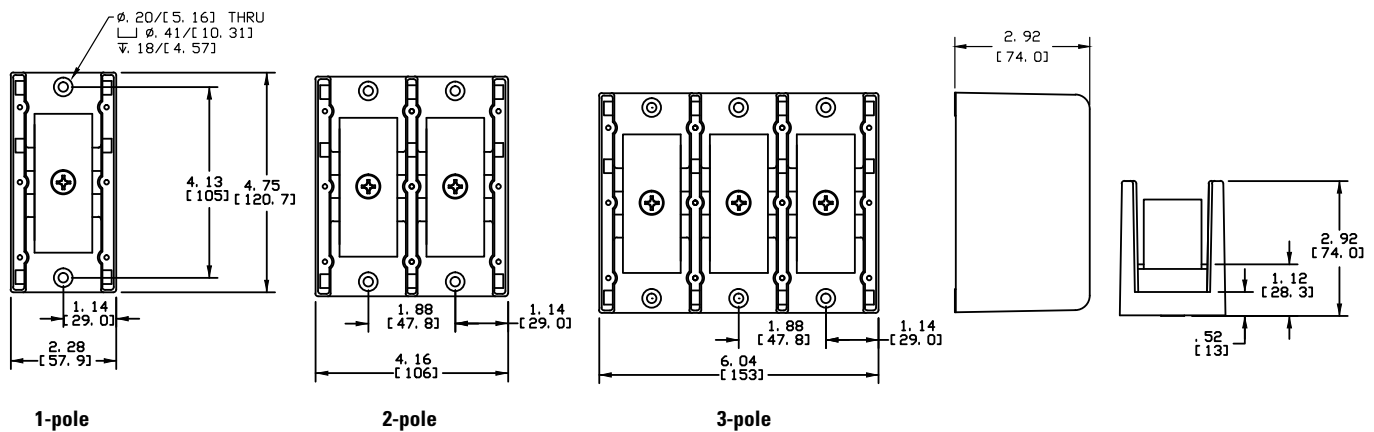


Figure 6



POWR-BLOKS

Distribution Block and Splicer Block Outline Drawings

Dimensions Inches (mm)

Figure 7

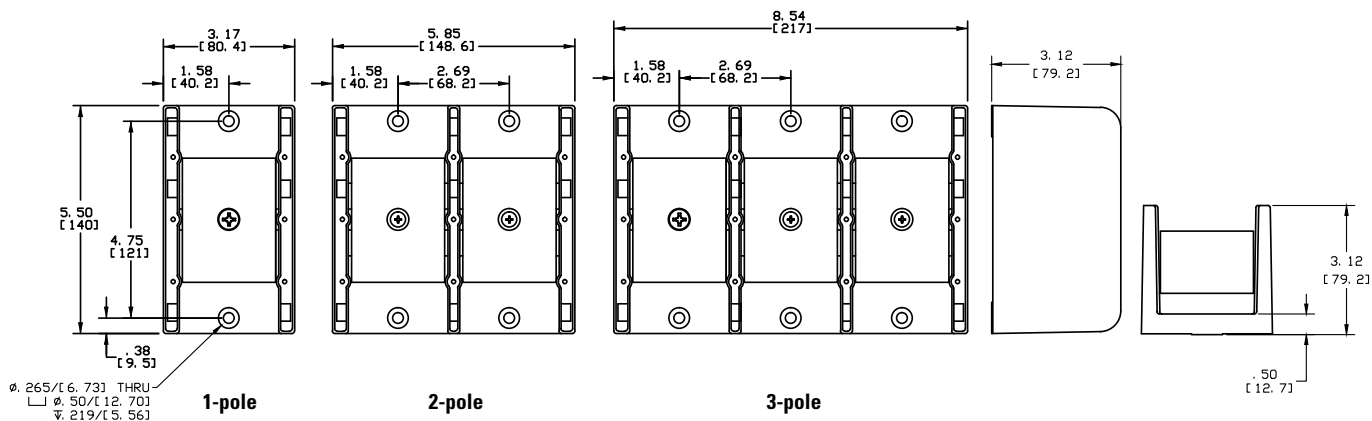


Figure 8

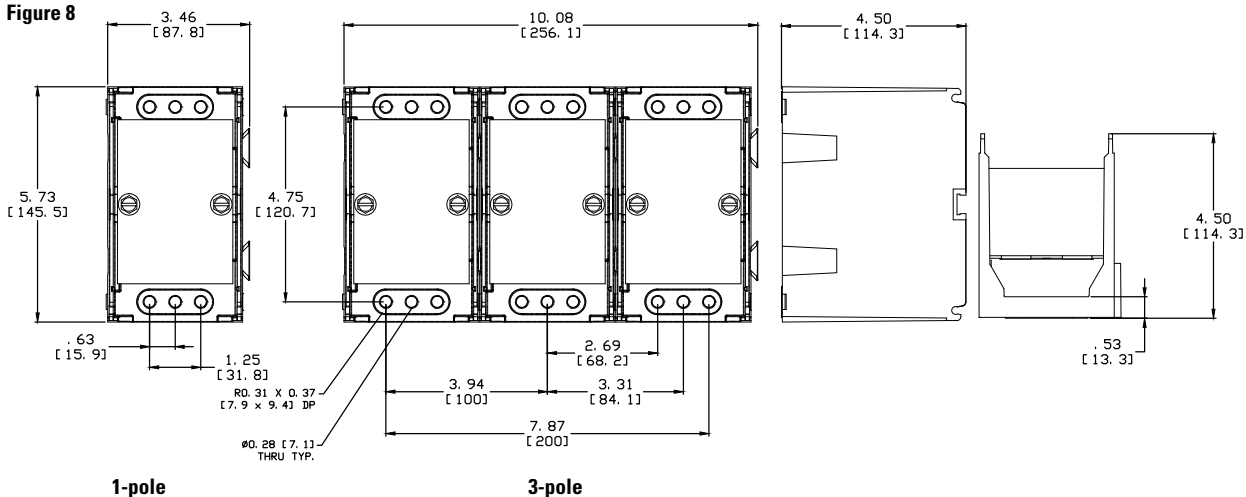
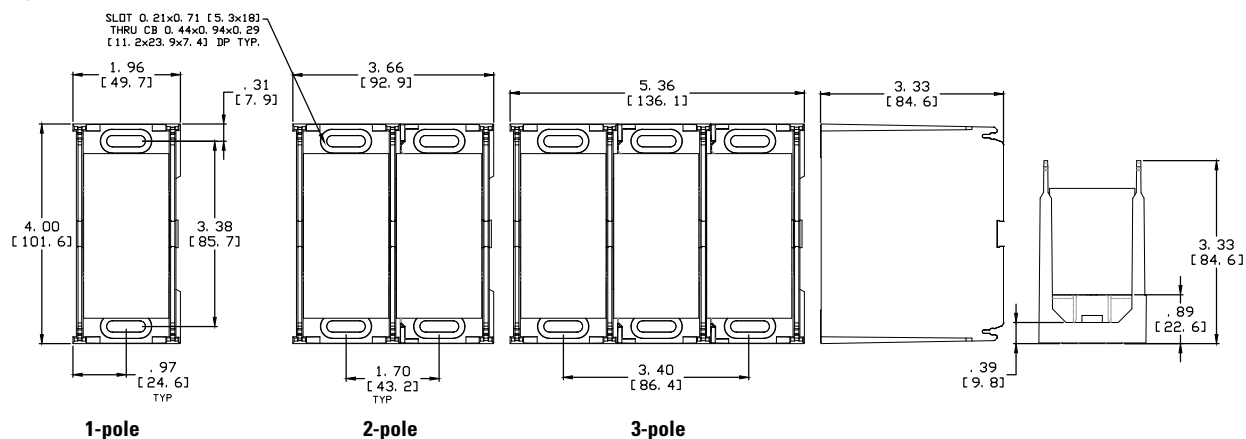


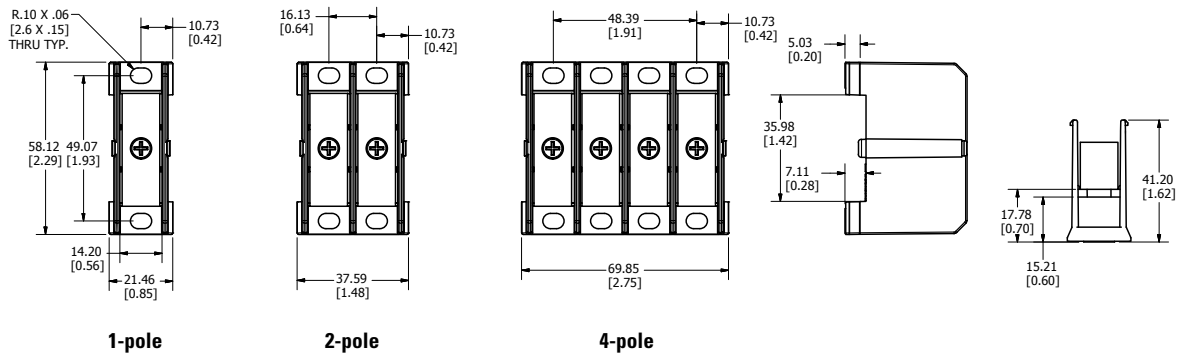
Figure 9



POWR-BLOKS

Distribution Block and Splicer Block Outline Drawings Dimensions Inches (mm)

Figure 10



GDB SERIES TOUCH-SAFE POWR-BLOKS

Global Distribution Blocks



Description

POWR-BLOKS Global Distribution Blocks add safety and mounting versatility to our distribution block solutions. The Global Distribution Blocks are approved to UL standards. The Global Distribution Blocks are IP20 finger safe to reduce the risk of contact and eliminate the need for block or panel covers. Installation is quick and easy, all blocks can be mounted on DIN rail or to the panel.

Features/Benefits

- Global part meeting UL standards
- Space saving design
- Integrated touch-safe cover to increase safety
- IP20 protection rating
- Mounts to DIN rail or panels
- Reliable brass connections for excellent continuity in a smaller design

Specifications

Voltage Rating	UL: 600 VAC/VDC
Ampere Rating	80 – 335 A
Material	Thermoplastic
Connector	GDBxxxx: Brass GDBAxxxx: Aluminum (Tin Plated)
Flammability Rating	UL94 V-0
Approvals	UL Recognized (File: E309688, E171395) UL Listed (File: E482231) CSA Certified (File: 700111)
Operating Temperature	-40°C to +90°C
Storage Temperature	-40°C to +100°C
Relative Humidity	50% @ 40°C, 90% @ 20°C
Environmental	RoHS compliant

Electrical Specifications

Web Resources

For additional information visit Littelfuse.com/gdb

CATALOG/ ORDERING NUMBER	POLES	AMPS	WIRE RANGE				OVERCURRENT PROTECTION FUSE REQUIRED						SCCR IN RMS SYM AMPS	AGENCY APPROVALS			
			LINE CONNECTION		LOAD CONNECTION		CLASS J (JTD_ID)	Class T (JLLN, JLLS)	Class RK1 (LLNRK, LLSRK, KLLNR, KLSR)	Class RK5 (FLNR, FLSR, IDSR)	CLASS G (SLC)	CLASS CC (CCMR, KLDR, KLKR)		UR	cURus	UL	CSA
			LINE	OPENINGS PER POLE	OPENINGS PER POLE	LOAD											
GDB60801Z	1	80	1	#8 - #4	6	#8 - #4 #10 - #14	80	- -	- -	- -	- -	- -	100,000		•		
GDB61151Z	1	115	1	#8 - #2 #10 - #6	6	#14 - #4	125	- -	- -	- -	- -	- -	100,000		•		
GDB61153Z	3	115	1	#8 - #2	6	#14 - #4	125	-	-	-	-	-	100,000		•		
GDBAD211Z	1	115	1	#14 - #2	1	#14 - #2	175	225	100	60	60	30	100,000			•	•
GDBAD241Z	1	115	1	#10 - #2	4	#14 - #10	125	200	100	30	60	30	65,000			•	•
GDB61601Z	1	160	1	#8 - 2/0	6	#14 - #4	175	-	-	-	-	-	100,000	•			
GDB61753Z	3	175	1	#8 - 2/0	6	#14 - #4	175	-	-	-	-	-	100,000		•		
GDBAD421Z	1	200	1	#8 - 3/0	1	#8 - 3/0	225	225	200	60	60	30	100,000			•	•
GDBAP421Z	1	200	1	#8 - 3/0	1	#8 - 3/0	225	225	200	60	60	30	100,000			•	•
GDBAD451Z	1	200	1	#8 - 3/0	4	#8 - #2	225	225	200	60	60	30	100,000			•	•
				#8 - 3/0		#14 - #8	100	110	100	30	60						
GDBAP451Z	1	200	1	#8 - 3/0	4	#8 - #2	225	225	200	60	60	30	100,000			•	•
				#8 - 3/0		#14 - #8	100	110	100	30	60						
GDB63101Z	1	310	1	3/0 - 350 kcmil	11	#14 - #2 #14 - #6 #14 - #8	350	-	-	-	-	-	100,000	•			
GDBAD741Z	1	335	1	#6 - 400 kcmil #14 - 3/0	8	#14 - #2	-	-	-	-	-	-	10,000	•			•

GDB SERIES TOUCH-SAFE POWR-BLOKS

Global Distribution Blocks

Mechanical Specification

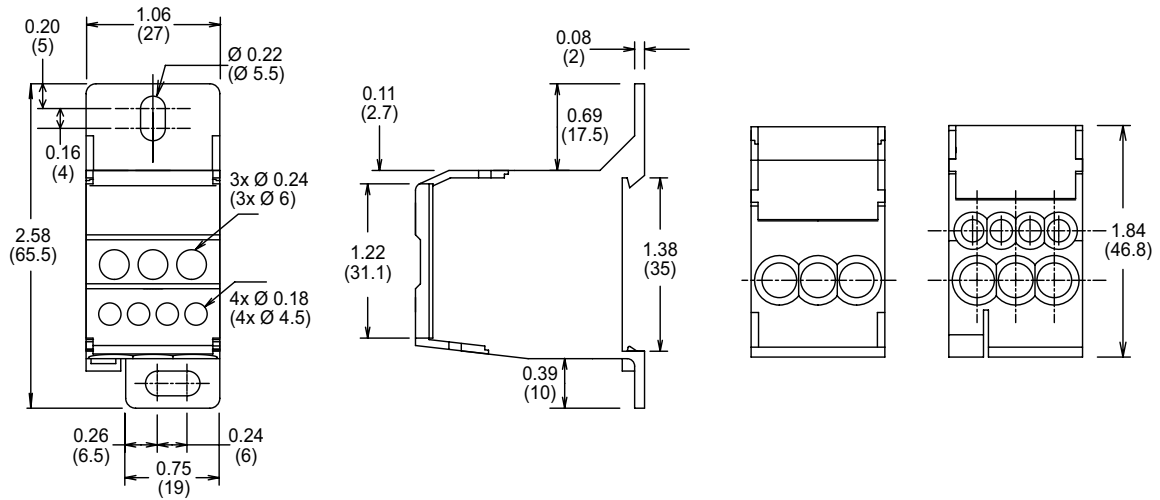
CATALOG/ ORDERING NUMBER	POLES	AMP RATING PER POLE (UL)	LINE CONNECTION					LOAD CONNECTION				
			OPENINGS PER POLE	OPENING DIAMETER	SCREW TYPE	WIRE RANGE	TORQUE LB-IN (NM)	OPENINGS PER POLE	OPENING DIAMETER	SCREW TYPE	WIRE RANGE	TORQUE LB-IN (NM)
GDB60801Z	1	80	1	0.28 in (7.0 mm)	Slotted	#8 - #4 (Cu)	13.5 (1.5)	6	2x 0.28 in (2x 7.0 mm)	Slotted	#8 - #4 (Cu)	13.5 (1.5)
									4x 0.18 in (4x 4.5 mm)		#10 - #14 (Cu)	7.2 (0.8)
GDB61151Z	1	115	2	0.39 in (10.0 mm)	Hex 4 mm	#8 - #2 (Cu) #10 - #6 (Cu)	31 (3.5)	6	0.28 in (7.0 mm)	Slotted	#14 - #4 (Cu)	17.5 (2)
GDB61153Z	3	115	1	0.39 in (10.0 mm)	Hex 4mm	#8 - #2 (Cu)	31 (3.5)	6	0.25 in (6.5 mm)	Hex 3mm	#14 - #4 (Cu)	17.5 (2)
GDBAD211Z	1	115	1	0.323 in (8.2 mm)	Hex 4 mm	#14 - #2 (Cu/Al)	35 (4.0) #14 - #10 40 (4.5) #8 45 (5.1) #6 - #4 50 (5.6) #3 - #2	1	0.323 in (8.2 mm)	Hex 4 mm	#14 - #2 (Cu/Al)	35 (4.0) #14 - #10 40 (4.5) #8 45 (5.1) #6 - #4 50 (5.6) #3 - #2
GDBAD241Z	1	115	1	0.312 in (7.9 mm)	Hex 4 mm	#14 - #2 (Cu/Al)	35 (4.0) #14 - #10 40 (4.5) #8 45 (5.1) #6 - #4 50 (5.6) #3 - #2	4	0.159 in (4.0 mm)	Hex 2 mm	#14 - #10 (Cu/Al)	7 (0.8)
GDB61601Z	1	160	1	0.49 in (12.5 mm)	Hex 5mm	#8 - 2/0 (Cu)	35.5 (4)	6	0.28 in (7.0 mm)	Slotted	#14 - #4 (Cu)	17.5 (2.0)
GDB61753Z	3	175	1	0.47 in (12.0 mm)	Hex 5mm	#8 - 2/0 (Cu)	35.5 (4)	6	0.25 in (6.5 mm)	Hex 3mm	#14 - #4 (Cu)	17.5 (2.0)
GDBAD421Z	1	200	1	0.531 in (13.5 mm)	Hex 6mm	#14 - 3/0 (Cu/Al)	50 (5.6) #14 - #10 180 (20.3) #8 - 3/0	1	0.531 in (13.5 mm)	Hex 6mm	#14 - 3/0 (Cu/Al)	50 (5.6) #14 - #10 180 (20.3) #8 - 3/0
GDBAP421Z	1	200	1	0.531 in (13.5 mm)	Hex 6mm	#14 - 3/0 (Cu/Al)	50 (5.6) #14 - #10 180 (20.3) #8 - 3/0	1	0.531 in (13.5 mm)	Hex 6mm	#14 - 3/0 (Cu/Al)	50 (5.6) #14 - #10 180 (20.3) #8 - 3/0
GDBAD451Z	1	200	1	0.531 in (13.5 mm)	Hex 6mm	#14 - 3/0 (Cu/Al)	50 (5.6) #14 - #10 180 (20.3) #8 - 3/0	4	0.313 in (7.9mm)	Hex 5mm	#14 - #2 (Cu/Al)	40 (4.5) #14 - #10 50 (5.6) #8 - #2
GDBAP451Z	1	200	1	0.531 in (13.5 mm)	Hex 6mm	#14 - 3/0 (Cu/Al)	50 (5.6) #14 - #10 180 (20.3) #8 - 3/0	4	0.313 in (7.9mm)	Hex 5mm	#14 - #2 (Cu/Al)	40 (4.5) #14 - #10 50 (5.6) #8 - #2
GDB63101Z	1	310	1	0.75 in (19.0 mm)	Hex 8mm	3/0 - 350 kcmil (Cu)	230 (26.0)	11	2x 0.35 in (2x 9.0mm)	Slotted	#14 - #2 (Cu)	31 (3.5)
									5x 0.25 in (5x 6.5mm)		#14 - #6 (Cu)	18 (2.0)
									4x 0.21 in (4x 5.3mm)		#14 - #8 (Cu)	
GDBAD741Z	1	335	1	0.516 in (13.1 mm)	Hex 8mm & 6mm	#14 - 400 kcmil (Cu/Al)	40 (4.5) #14 - #8 80 (9.0) #6 - #2	8	0.375 in (9.5 mm)	Hex 5mm	#14 - #2 (Cu/Al)	40 (4.5) #14 - #8
							120 (13.6) #1 - #3/0 275 (31.1) #6 - #1/0 375 (42.4) 2/0 - 400 kcmil					80 (9.0) #6 - #2

GDB SERIES TOUCH-SAFE POWR-BLOKS

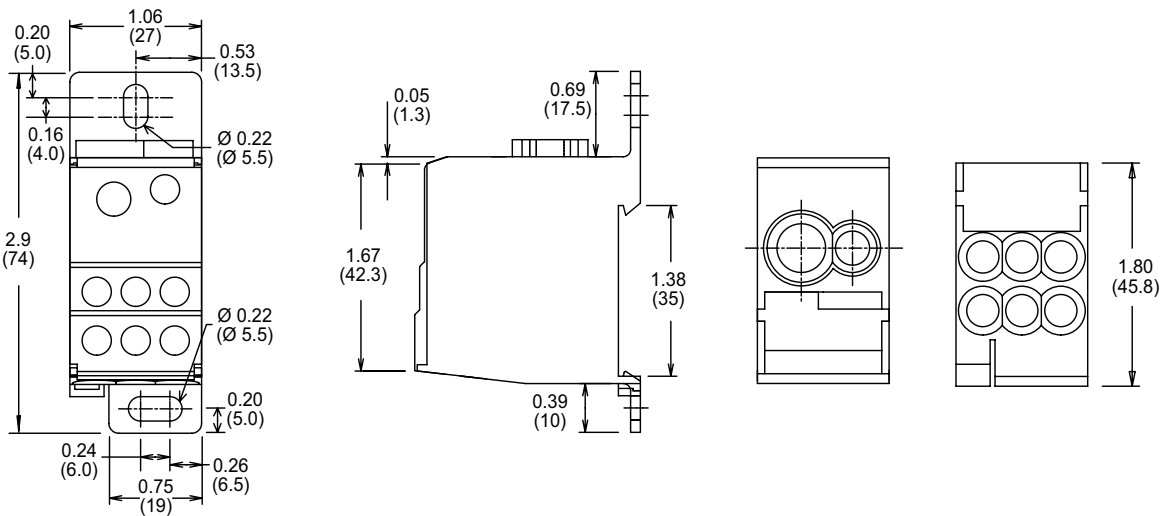
Global Distribution Blocks

Dimensions Inches (mm)

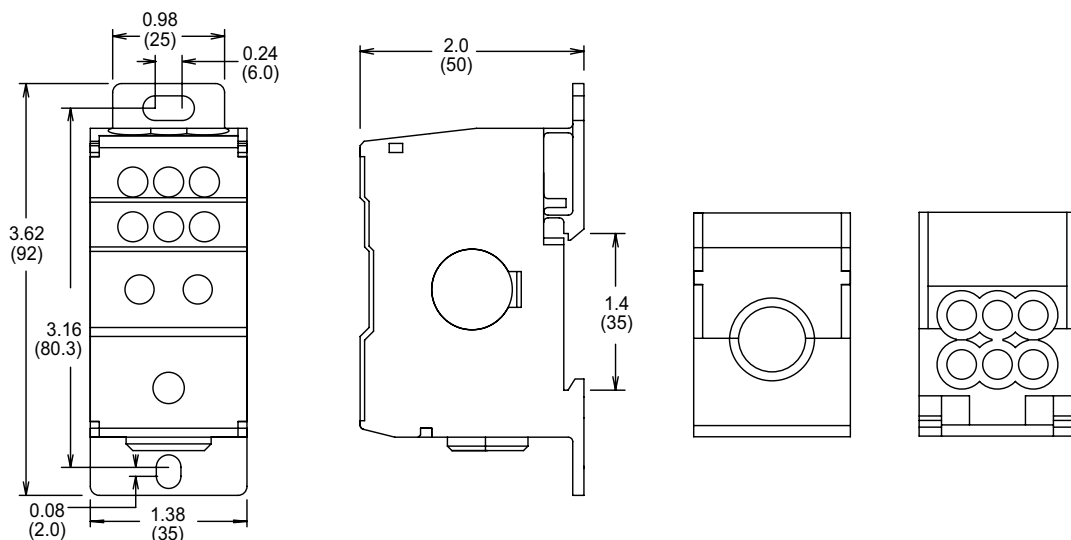
GDB60801Z



GDB61151Z



GDB61601Z

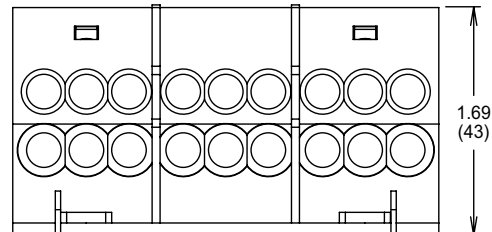
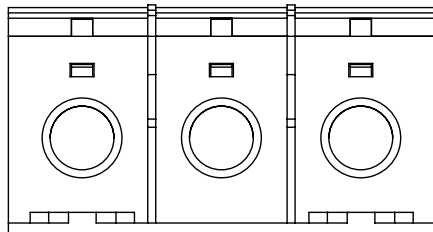
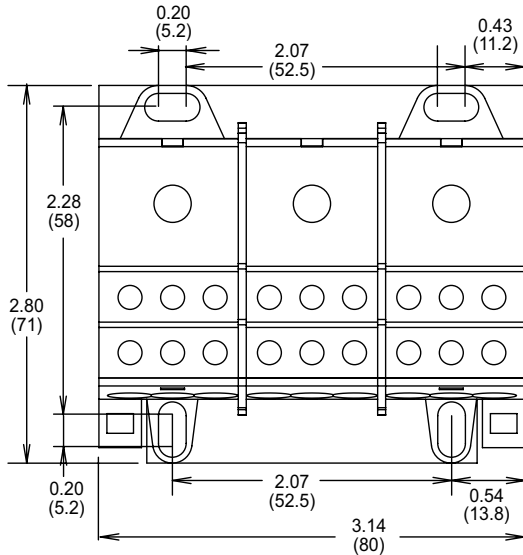


GDB SERIES TOUCH-SAFE POWR-BLOKS

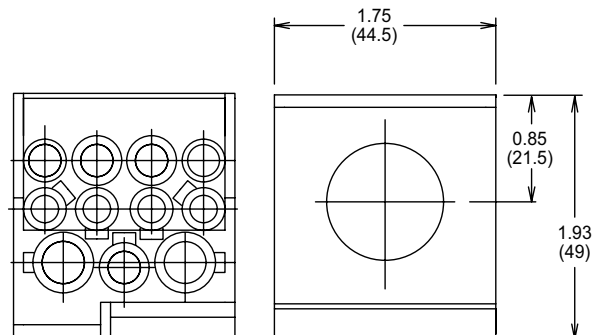
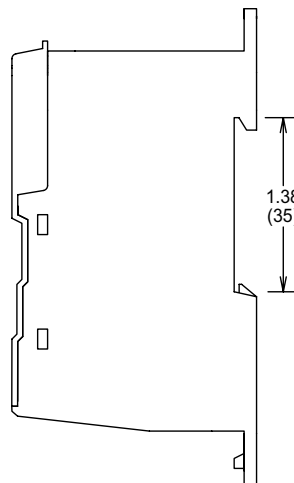
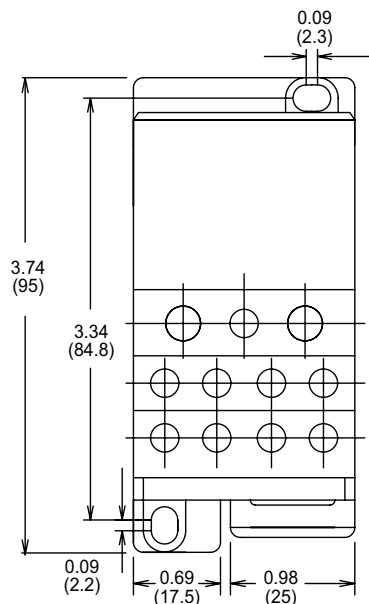
Global Distribution Blocks

Dimensions Inches (mm)

GDB61153Z
GDB61753Z



GDB63101Z

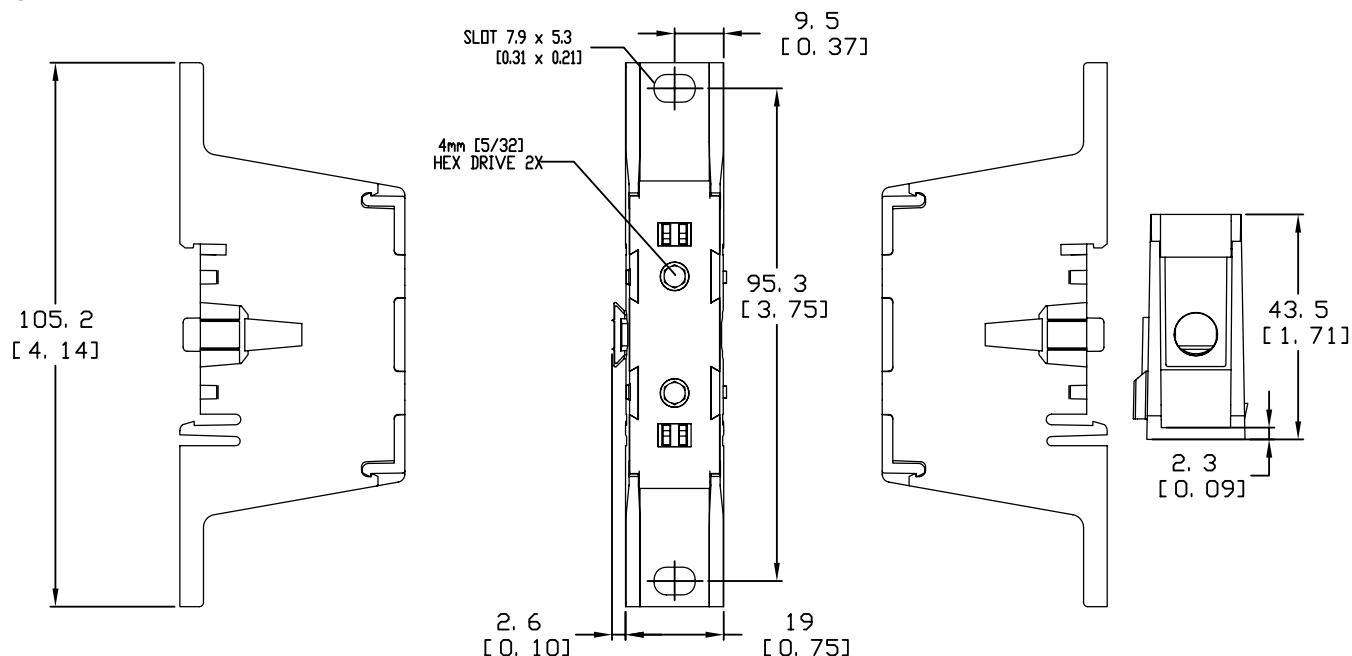


GDB SERIES TOUCH-SAFE POWR-BLOKS

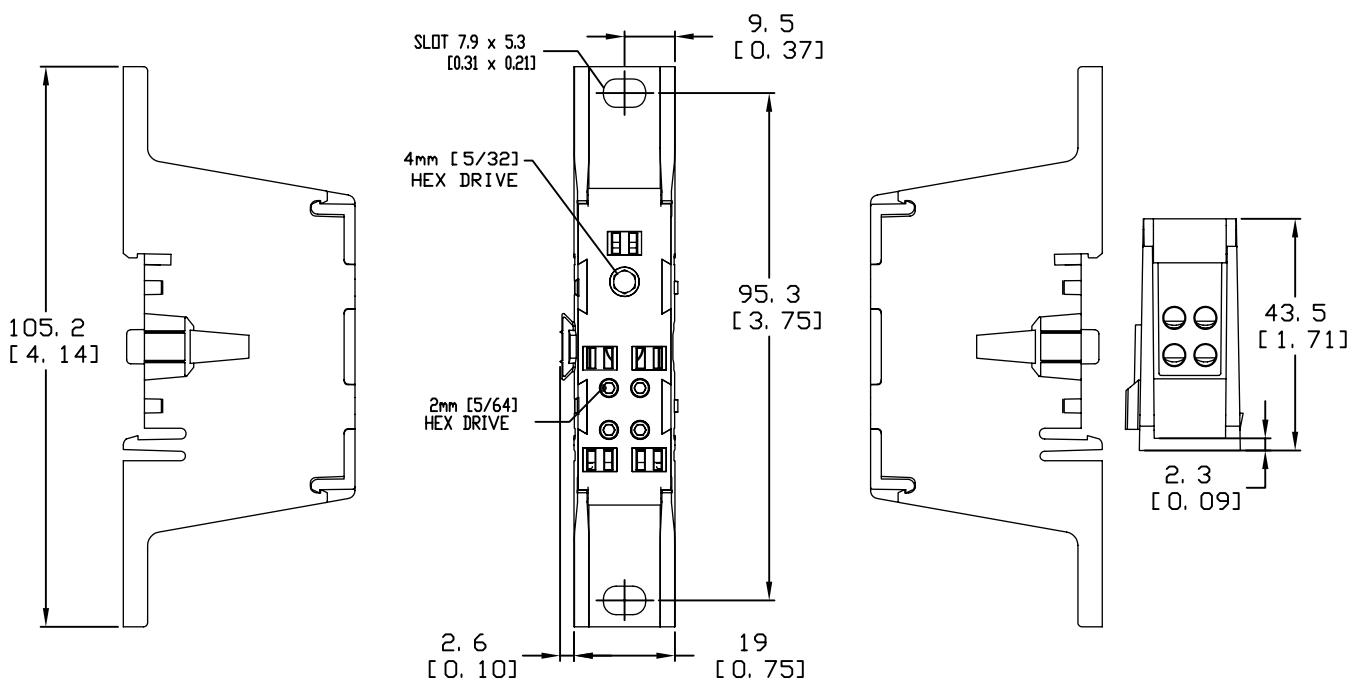
Global Distribution Blocks

Dimensions Millimeters (in)

GDBAD211Z



GDBAD241Z

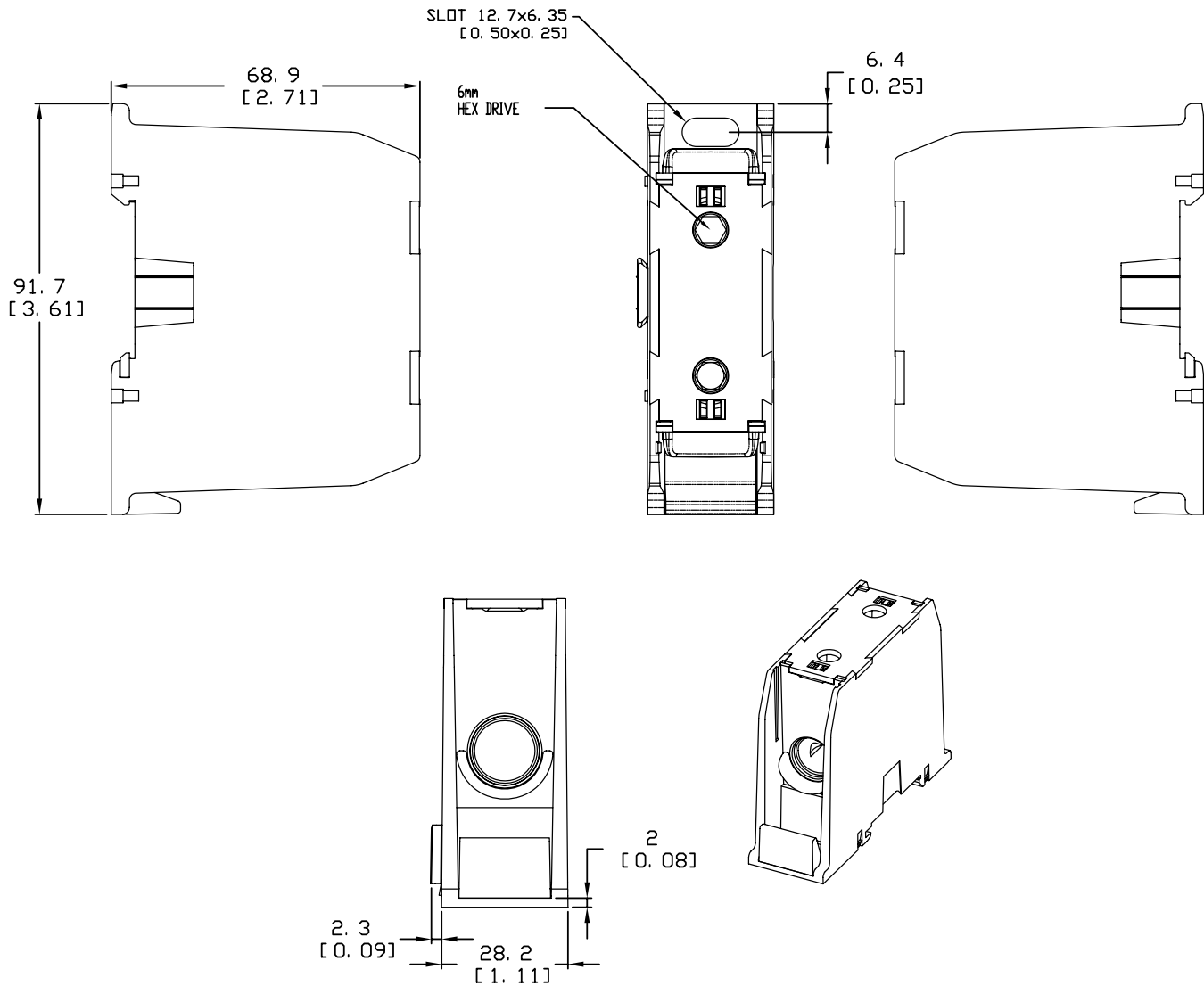


GDB SERIES TOUCH-SAFE POWR-BLOKS

Global Distribution Blocks

Dimensions Millimeters (in)

GDBAD421Z

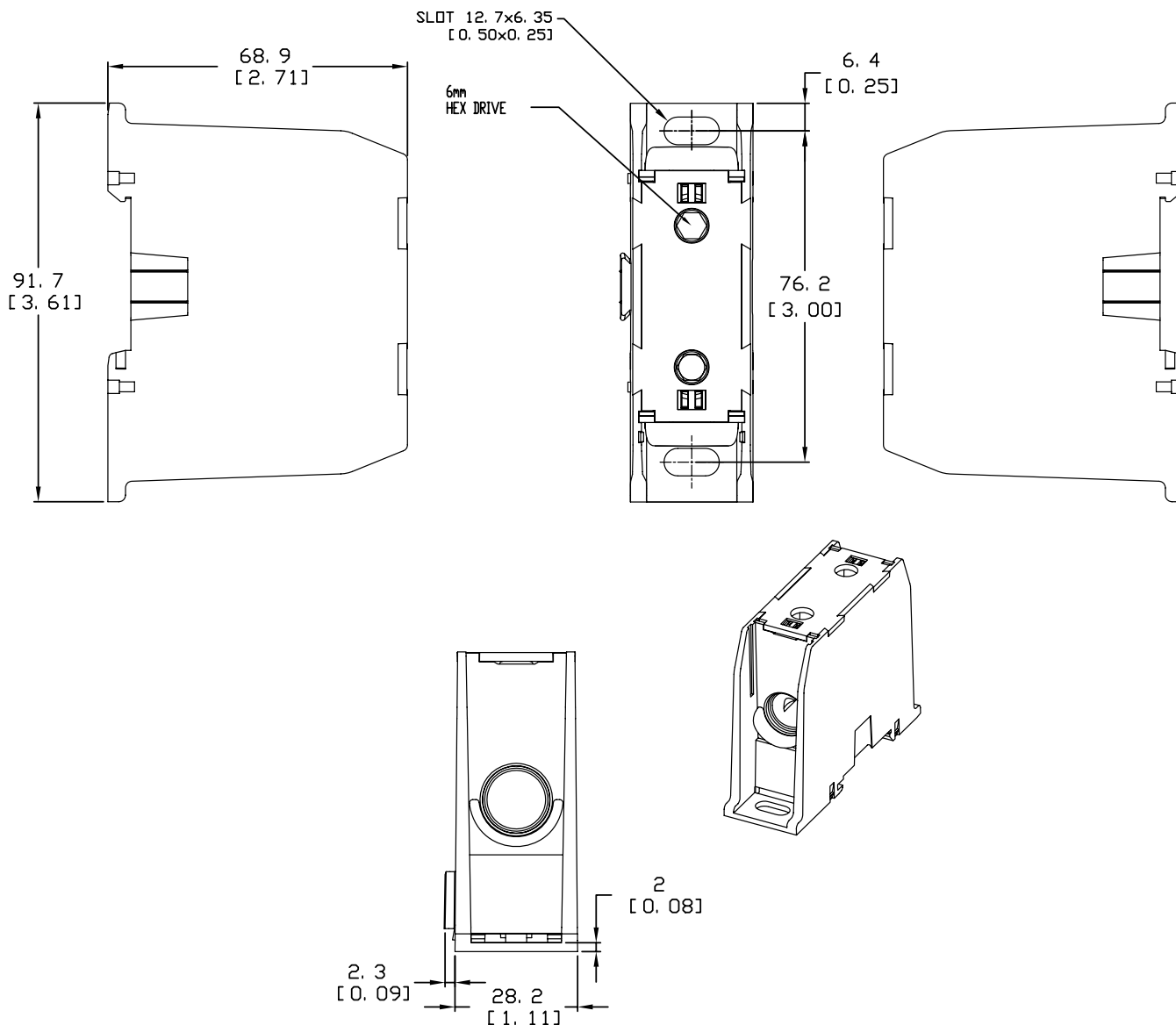


GDB SERIES TOUCH-SAFE POWR-BLOKS

Global Distribution Blocks

Dimensions Millimeters (in)

GDBAP421Z

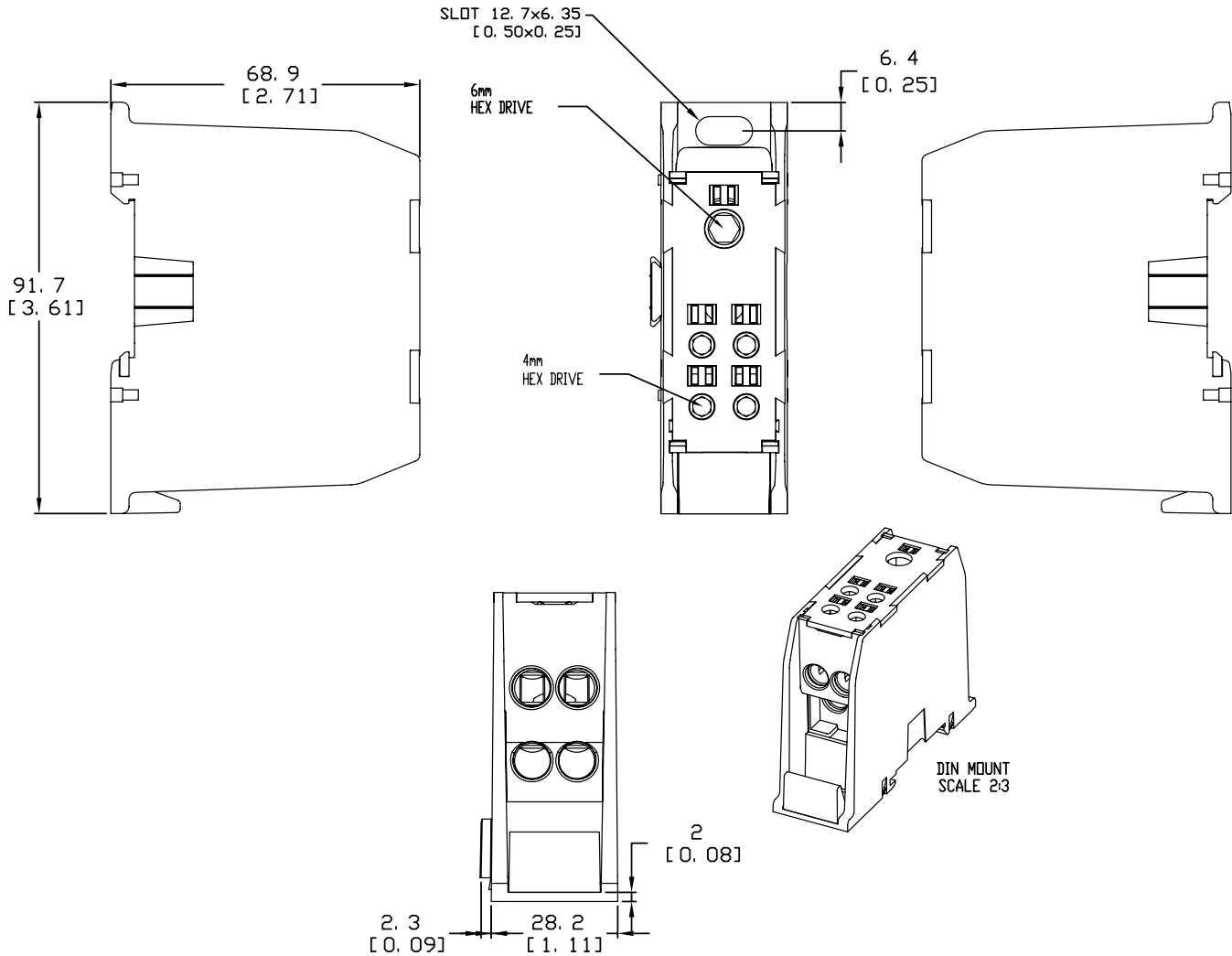


GDB SERIES TOUCH-SAFE POWR-BLOKS

Global Distribution Blocks

Dimensions Millimeters (in)

GDBAD451Z

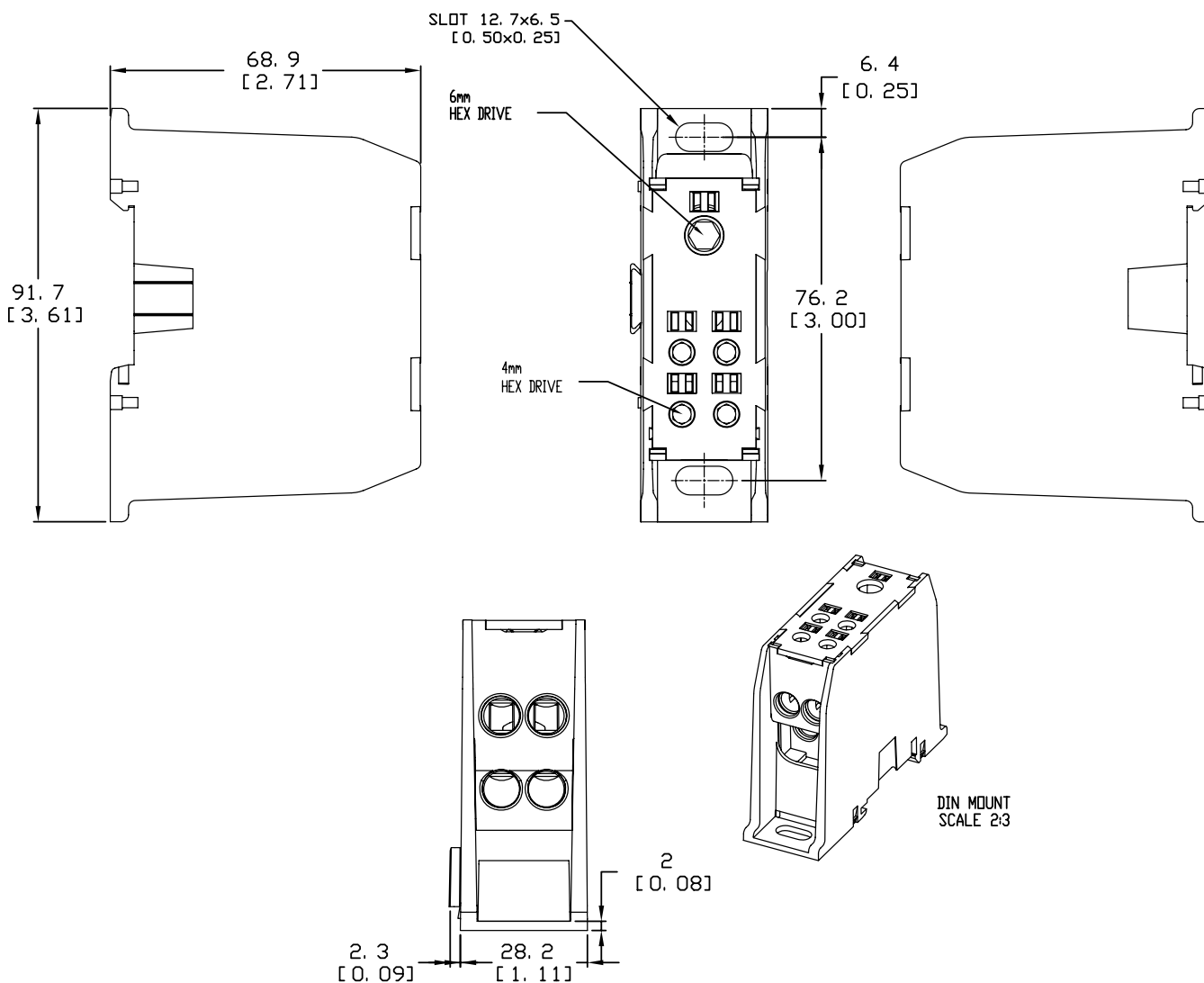


GDB SERIES TOUCH-SAFE POWR-BLOKS

Global Distribution Blocks

Dimensions Millimeters (in)

GDBAP451Z

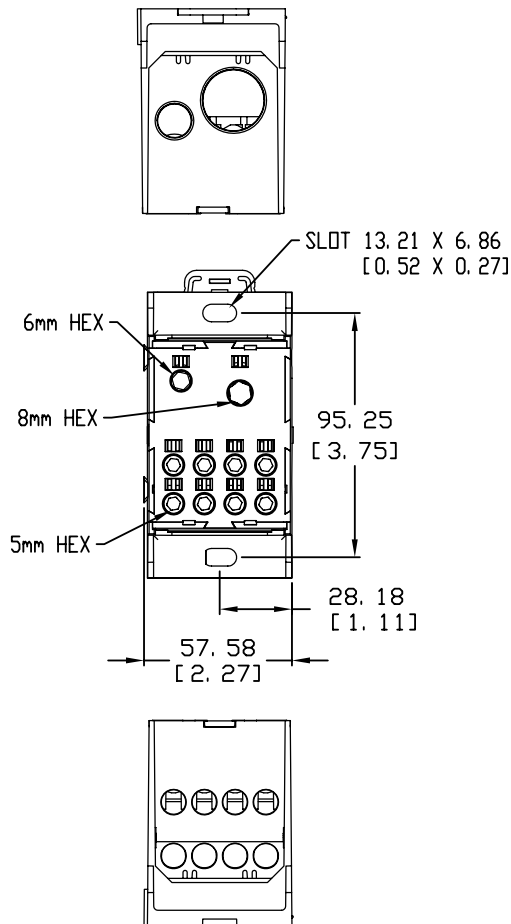
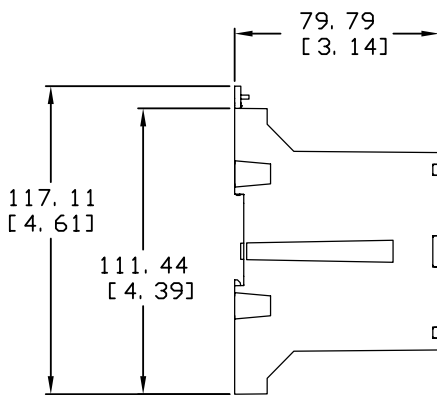


GDB SERIES TOUCH-SAFE POWR-BLOKS

Global Distribution Blocks

Dimensions Millimeters (in)

GDBAD741Z



IN-LINE GLASS FUSE HOLDERS

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: E14721)
Environmental	RoHS complaint, Lead (Pb) free
Storage Temperature	-40° C to 80° C
Operating Temperature	-55° C to 125° C

Ordering Information

CATALOG NUMBER	ORDERING NUMBER	STANDARD PACK
150322	01500322H	100 PIECES

Description

The 150322 is a 500 Vac/125 Vdc rated inline fuse holder 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)	34
3AB (314, 326, 505 Series)	33

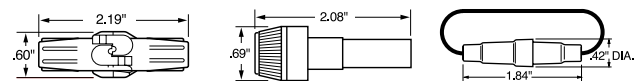
Web Resources

For more information, visit: littelfuse.com/150322

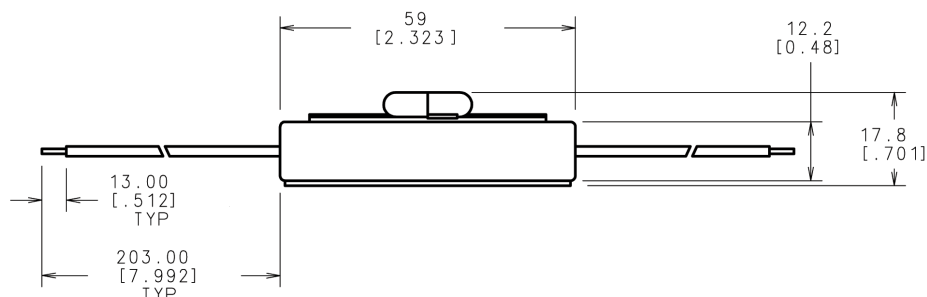
Additional In-Line Glass Fuse Holders

Twist-Lock 155 Series In-Line Mount 32 V 3AG, SFE	Heavy-Duty Bayonet 155 Series In-Line Mount 32 V 3AG	Special Type 150 Series In-Line Mount 250 V 2AG, 5x20mm

Dimensions Inches



Dimensions mm (inches)



IN-LINE WATERTIGHT FUSE HOLDERS



Specifications

Voltage rating	600 VAC/VDC
Ampere rating	up to 30 A
Interrupting rating	200 kA rms symmetrical (with Class CC fuses)
Approvals	LEB/LEX series UL Recognized Miscellaneous Fuse holder per UL UL 4248 (File: E14721) CSA Certified per C22.2, No. 39 (File: LR7316) LEC/LEY series UL Listed Class CC Branch Circuit Fuse holder per UL 512 (File: E14721) CSA Certified per C22.2, No. 39 (File: LR7316)

Features/Benefits

- Design increases safety by individual device disconnection for easy servicing, eliminating shock risk
- Increases efficiency by preventing faulted ballast from severely damaging fixture or device
- Watertight seal
- Variety of terminations available for flexible design
- Insulating boots available for harsh environments

Recommended Fuses

LEB/LEX series:

Accepts all Littelfuse Midget and Class CC series fuses	
CCMR.....	27
KLDR, KLKR.....	28
BLF, BLN, FLM, FLQ, KKK, KLKD	30

LEC/LEY series:

Accepts only Littelfuse Class CC fuses	
CCMR.....	27
KLDR, KLKR.....	28

Web Resources

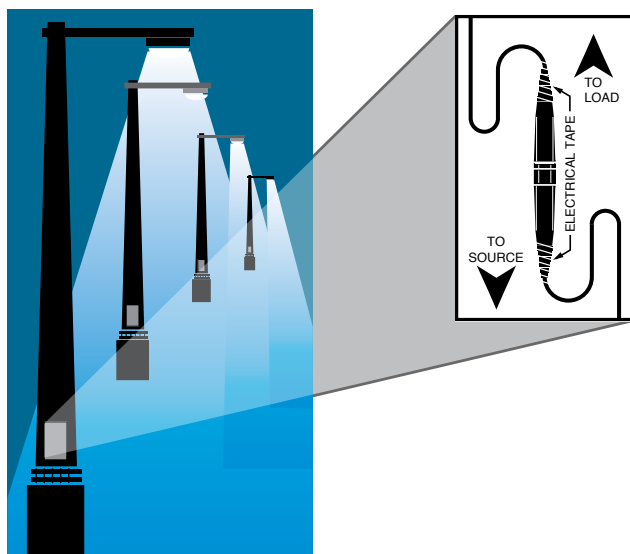
Download CAD drawings, dimensions and other technical information: littelfuse.com/in-line

Description

Recently redesigned, the Littelfuse 600 VAC/VDC in-line watertight fuse holders allow maximum protection for high humidity and corrosive environments. The fuse holders are designed to be touch-safe and flexible for use in a variety of applications. See the list below for the redesigned part numbers.

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)



Look for these part numbers featuring our improved design

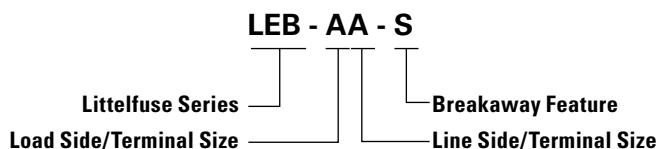
- Better surface area for ergonomic comfort, improved grip and better torque
- More pronounced seating – automatically seats as user begins twisting
- Chamfered edges for additional installation comfort

BASE PART NUMBER	PREVIOUS ORDERING NUMBER	NEW ORDERING NUMBER
LEB-AA	OLEB00AAX	OLEB00AAXK
LEB-AA-S	OLEB0AASX	OLEB0AASXK
LEB-AB	OLEB00ABX	OLEB00ABXK
LEB-AYC-S	OLEBAYCSX	OLEBAYCSXK
LEB-BB	OLEB00BBX	OLEB00BBXK
LEB-JJ	OLEB00JJX	OLEB00JJXK
LEB-JJ-S	OLEB0JJXS	OLEB0JJXSK

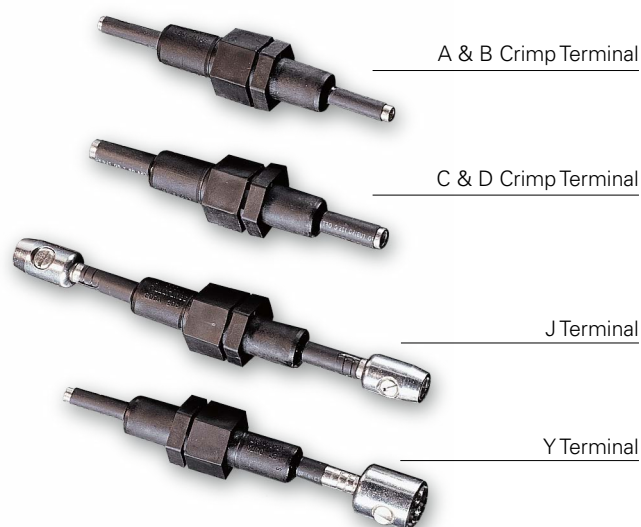
IN-LINE WATERTIGHT FUSE HOLDERS

Ordering Information

To order Littelfuse in-line fuse holders by part number, refer to the charts on the next page.



SERIES	DESCRIPTION
LEB	One-pole in-line fuse holder for Midget and Class CC fuses
LEC	One-pole in-line fuse holder for Class CC fuses
LET	One-pole in-line fuse holder with permanently installed solid neutral
LEX	Two-pole in-line fuse holder for Midget and Class CC fuses
LEY	Two-pole in-line fuse holder for Class CC fuses



Recommended Crimping Tools

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

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

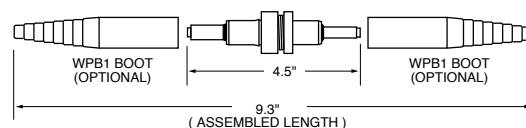
- Molded from engineering-grade thermoplastics which provide high resistance to corrosive environments
- Standard with all breakaway style fuse holders
- For watertight protection of non-breakaway Y-pole termination, order one WPB1 and one WPB3 boot



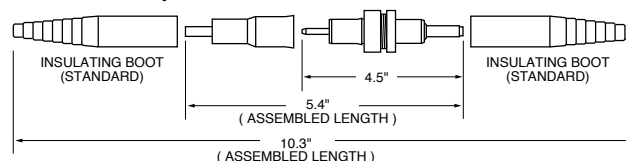
ORDERING NUMBER	TERMINAL TYPE
WPB1	A, B, C, D, J
WPB3	Y

Dimensions Inches

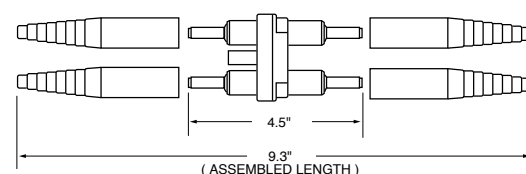
1-Pole



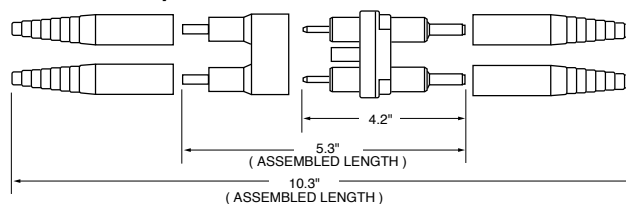
1-Pole Breakaway



2-Pole



2-Pole Breakaway



IN-LINE WATERTIGHT FUSE HOLDERS

Ordering Information (1-Pole LEB/LEC and 2-Pole LEX/LEY for Class CC and Midget Fuses)

SINGLE POLE		DOUBLE POLE		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-K LEC-AA	LEB-AA-SK LEC-AA-S	LEX-AA LEY-AA	LEX-AA-S LEY-AA-S	Copper Crimp	#12 to #8 #12	1 2	• •	• •	Copper Crimp	#12 to #8 #12	1 2	• •	• •
LEB-AB-K LEC-AB	LEB-AB-S LEC-AB-S	LEX-AB LEY-AB	LEX-AB-S LEY-AB-S	Copper Crimp	#12 to #8 #12	1 2	• •	• •	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •
LEB-AC LEC-AC	— —	LEX-AC LEY-AC	— —	Copper Crimp	#12 to #8 #12	1 2	• •	• •	Copper Crimp	#8 #4	2 1	• —	• •
LEB-AD LEC-AD	— —	LEX-AD LEY-AD	— —	Copper Crimp	#12 to #8 #12	1 2	• •	• •	Copper Crimp	#6 #2	2 1	• —	• •
LEB-AJ LEC-AJ	LEB-AJ-S LEC-AJ-S	— —	— —	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-SK LEC-AYC-S	LEX-AYC LEY-AYC	LEX-AYC-S LEY-AYC-S	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	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Crimp	#12 to #8 #12	1 2	• • •	• • •
LEB-BB-K LEC-BB	LEB-BB-S LEC-BB-S	LEX-BB LEY-BB	LEX-BB-S LEY-BB-S	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •
LEB-BC LEC-BC	— —	LEX-BC LEY-BC	— —	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Crimp	#8 #4	2 1	• —	• •
LEB-BD LEC-BD	— —	LEX-BD LEY-BD	— —	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Crimp	#6 #2	2 1	• —	• •
LEB-BJ LEC-BJ	LEB-BJ-S LEC-BJ-S	— —	— —	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Set-Screw	#12 to #8 #10 - #2	1 1	• —	— •
LEB-BYC LEC-BYC	LEB-BYC-S LEC-BYC-S	LEX-BYC LEY-BYC	LEX-BYC-S LEY-BYC-S	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	"Y" Type Copper Set-Screw	#12 to #8 #10 - #2	1 1	• —	— •
LEB-CA LEC-CA	— —	LEX-CA LEY-CA	— —	Copper Crimp	#8 #4	2 1	• —	• •	Copper Crimp	#12 to #8 #12	1 2	• • •	• • •
LEB-CB LEC-CB	— —	LEX-CB LEY-CB	— —	Copper Crimp	#8 #4	2 1	• —	• •	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •
LEB-CC LEC-CC	— —	LEX-CC LEY-CC	— —	Copper Crimp	#8 #4	2 1	• —	• •	Copper Crimp	#8 #4	2 1	• —	• •
LEB-CD LEC-CD	— —	LEX-CD LEY-CD	— —	Copper Crimp	#8 #4	2 1	• —	• •	Copper Crimp	#6 #2	2 1	• —	• •
LEB-CJ LEC-CJ	— —	LEX-CJ LEY-CJ	— —	Copper Crimp	#8 #4	2 1	• —	• •	Copper Set-Screw	#12 to #8 #10 - #2	1 1	• —	• •
LEB-CYC LEC-CYC	— —	LEX-CYC LEY-CYC	— —	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	— —	Copper Crimp	#6 #2	2 1	• —	• •	Copper Crimp	#12 to #8 #12	1 2	• • •	— • •
LEB-DB LEC-DB	— —	LEX-DB LEY-DB	— —	Copper Crimp	#6 #2	2 1	• —	• •	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •
LEB-DC LEC-DC	— —	LEX-DC LEY-DC	— —	Copper Crimp	#6 #2	2 1	• —	• •	Copper Crimp	#8 #4	2 1	• —	• •
LEB-DD LEC-DD	— —	LEX-DD LEY-DD	— —	Copper Crimp	#6 #2	2 1	• —	• •	Copper Crimp	#6 #2	2 1	• —	• •
LEB-DJ LEC-DJ	— —	LEX-DJ LEY-DJ	— —	Copper Crimp	#6 #2	2 1	• —	• •	Copper Set-Screw	#12 to #8 #10 - #8	2 1	• —	• •
LEB-DYC LEC-DYC	— —	LEX-DYC LEY-DYC	— —	Copper Crimp	#6 #2	2 1	• —	• •	"Y" Type Copper Set-Screw	#12 to #8 #10 to #8	1 1	• —	— •
LEB-JJ-K LEC-JJ	LEB-JJ-SK LEC-JJ-S	LEX-JJ LEY-JJ	LEX-JJ-S LEY-JJ-S	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	— —	— —	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 FUSE HOLDERS

Ordering Information (Solid Neutral LET Fuse Holders)

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 #12	1 2	• •	• •	Copper Crimp	#12 to #8 #12	1 2	• •	• •
LET-AB	LET-AB-S	Solid Neutral	Copper Crimp	#12 to #8 #12	1 2	• •	• •	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •
LET-AYC	LET-AYC-S	Solid Neutral	Copper Crimp	#12 to #8 #12	1 2	• •	• •	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •
LET-BA	LET-BA-S	Solid Neutral	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Crimp	#12 to #8 #12	1 2	• •	• •
LET-BB	LET-BB-S	Solid Neutral	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •
LET-BYC	LET-BYC-S	Solid Neutral	Copper Crimp	#10 #6 #4	2 1 1	• • —	• • •	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •
LET-JJ	LET-JJ-S	Solid Neutral	Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •	Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •
LET-JYC	LET-JYC-S	Solid Neutral	Copper Set-Screw	#12 to #8 #10 to #2	1 1	• —	— •	"Y" Type Copper Set-Screw	#12 to #8 #10 to #2	1 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	•	•
C	Copper Crimp	1	#4	—	•
		2	#8	•	•
D	Copper Crimp	1	#4	—	•
		2	#6	•	•
J	Copper Set-Screw	1	#2	—	•
		1	#12-#8 #10-#2	• —	— •
Y (2 terminals)	"Y" Style Copper Set-Screw	1	#12-#8	•	—
		1	#10-#2	—	•

IN-LINE WATERTIGHT FUSE HOLDERS

Two-Pole Breakaway Holder



Features/Benefits

- LEXT-YY version has a permanently installed “neutral” slug to prevent the neutral from accidentally being fused
- LEX-YYC 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 copper 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 fuse holders meet state and federal highway commission safety standards requiring fuse holders 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 fuse holder with matching terminals. If a knockdown occurs, the parts separate, leaving the energized conductor recessed and unexposed.

Applications

- Street lighting
- Marinas
- Travel trailer parks
- Physically strained fuse holders applications

Recommended Fuses

Accepts all Littelfuse Midget and Class CC series fuses	
CCMR	27
KLDR, KLKR	28
BLF, BLN, FLM, FLQ, KKK, KLKD	30

Four WPB3 insulating boots come standard with the LEXT-YY-S and LEX-YYC-S fuse holders. 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.

Web Resources

Additional technical information:
littelfuse.com/in-line

Ordering Information

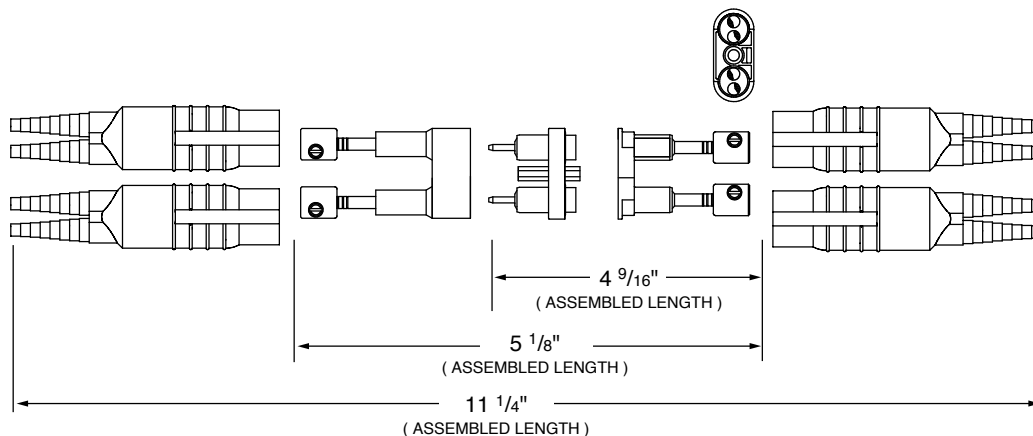
ORDERING NUMBER		FUSE TYPE	LOAD TERMINAL SELECTION					LINE TERMINAL SELECTION				
			TERMINAL TYPE	LOAD TERMINAL WIRE SIZE RANGE	NUMBER OF WIRES PER TERMINAL	SOLID WIRE	STRANDED WIRE	TERMINAL TYPE	LINE TERMINAL WIRE SIZE RANGE	NUMBER OF WIRES PER TERMINAL	SOLID WIRE	STRANDED WIRE
LEXTYYSS	LEXTYYSSX	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	LEXYYSX	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 FUSE HOLDERS

Two-Pole Breakaway Holder

Dimensions Inches

LEX-YY-C-S



LEXT-YY-S

