

 **Littelfuse®**
LF Series Class T
Fuse Blocks



Littelfuse LF Series Class T Fuse Blocks User Guide

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Littelfuse LF Series Class T Fuse Blocks



Product Usage Instructions

The Littelfuse Class T fuse blocks are designed for efficient and safe electrical circuit protection. They offer a space-saving design, making them suitable for various installation setups.

- Space-saving design
- Accommodates a wide range of existing mounting box lugs
- Mounting flexibility for easier installation
- Snap-to-release DIN rail mounts for convenience
- Available covers for added protection

FAQ

- **Q:** What is the maximum voltage rating for the Class T fuse blocks?
- **A:** The Class T fuse blocks have a maximum voltage rating of 300 V.
- **Q:** Are the fuse studs made of durable material?
- **A:** Yes, the fuse studs are made of strong material to ensure efficient power transmission and longevity.

Description

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

Features/Benefits

- Space-saving design
- Accommodates a wide range of existing mounting configurations
- One hand release from DIN rail for 30–60 A fuses

- Reinforced fuse clips are standard
- Covers available for most amperages to enhance safety
- Both hex and slot set screw options are available on 60 A box lugs

Specifications

- **Voltage Ratings:** 300 V/600 V
- **Ampere Ratings:** 0–600 A
- **Leakage Current:** <0.6 mA at 600 V
- **Withstand Rating:** 200 kA RMS SYM
- **Materials:**
 - **Base:** Thermoplastic
 - **Fuse Clip-plated** copper alloy
 - **Box Lug:** Aluminum
 - **Fuse Studs:** Zinc-plated steel
 - **Pressure Plate:** Zinc-plated steel
 - **Screw:** Zinc-plated steel
- **Flammability Rating:** UL 94 V-0
- **Approvals:** UL Listed (File: E14721) CSA Certified (File: LR7316)
- **Environmental RoHS Compliant, Lead (Pb) Free**

Recommended Fuses

- 300 V JLLN
- 600 V JLL

Web Resources

- Sample requests, downloadable CAD drawings, and other technical information:
- [Littelfuse.com/lft](https://www.littelfuse.com/lft)
- [Littelfuse.com/fuseblocks](https://www.littelfuse.com/fuseblocks)

Ordering Information (Class T 300 V)

AMPERE RATING	POLE	ORDERING NUMBER					TORQUE	WIRE RANGE	WIRE TYPE	BASE TEMP RATING	DIN RAIL MOUNT	COVER ORDERING NUMBER*		
		BASE ORDERING NUMBER	TERMINAL SUFFIX											
			BOX LUG HEX	BOX LUG SLOT	PRESSURE PLATE	SCREW								
30	1	LFT300301	—	C	—	—	5.6 N-m (50 in-lbs)	2–4 AWG	CU-AL Solid/Stranded	125 °C	•	LFT30030FBC		
	2	LFT300302					2.8 N-m (25 in-lbs)	6–14 AWG						
	3	LFT300303												
60	1	LFT300601	C-HX	C	—	—	5.6 N-m (50 in-lbs)	2–4 AWG		125 °C	•	LFT30060FBC		
	2	LFT300602					2.8 N-m (25 in-lbs)	6–14 AWG		125 °C	•	LFT30060FBC		
	3	LFT300603												
100	1	LFT301001	CS	—	—	—	13.6 N-m (120 in-lbs)	2/0–6 AWG		130 °C	—	LFT30100FBC		
	3	LFT301003					4.5 N-m (40 in-lbs)	8 AWG						
							4.0 N-m (35 in-lbs)	10–14 AWG						
200	1	LFT302001	CS	—	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		130 °C	—	—		
	3	LFT302003												
400	1	LFT304001	CS	—	—	—	(2) 31.1 N-m (275 in-lbs)	250 kcmil-6		130 °C	—	—		
	3	LFT304003												
600	1	LFT306001	CS	—	—	—	(2) 42.4 N-m (375 in-lbs)	500 kcmil-6		130 °C	—	—		
	3	LFT306003												

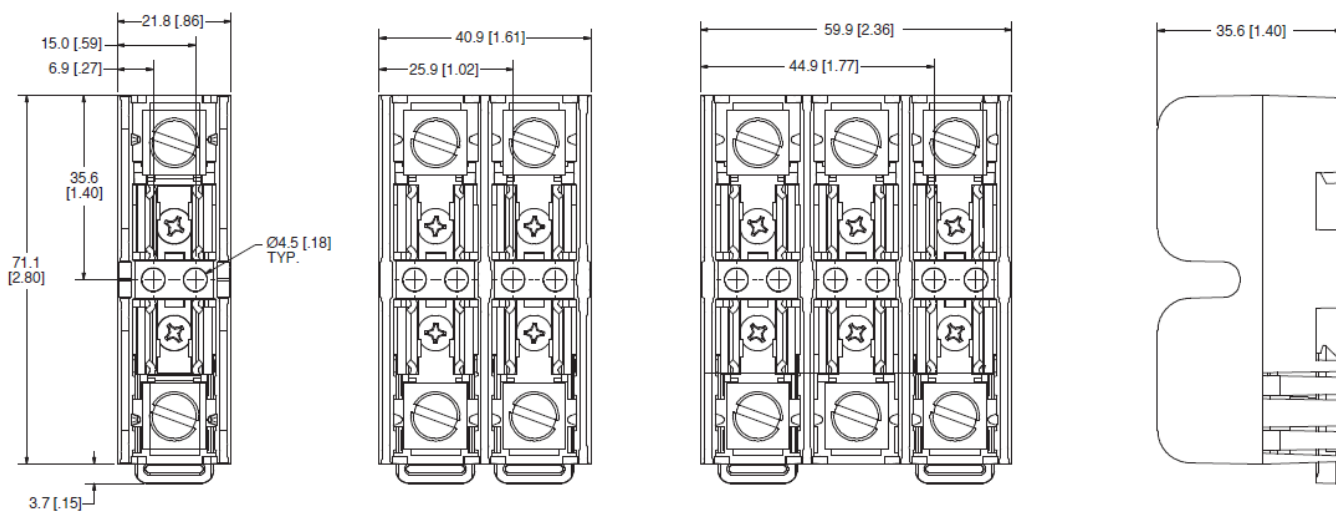
Ordering Information (Class T 600 V)

AMPERE RATING	POLES	ORDERING NUMBER					TORQUE	WIRE RANGE	WIRE TYPE	BASE TEMP RATING	DIN RAIL MOUNT	COVER ORDERING NUMBER*
		BASE ORDERING NUMBER	TERMINAL SUFFIX									
			BOX LUG HEX	BOX LUG SLOT	PRESSURE PLATE	SCREW						
30	1	LFT600301	—	C	P	S	5.6 N-m (50 in-lbs)	2–4 AWG	CU-AL Solid/Stranded	125 °C	•	LFT60030FBC
	2	LFT600302					2.8 N-m (25 in-lbs)	6–14 AWG				
	3	LFT600303										
60	1	LFT600601	C-HX	C	—	—	5.6 N-m (50 in-lbs)	2–4 AWG		125 °C	•	LFT60060FBC
	2	LFT600602					2.8 N-m (25 in-lbs)	6–14 AWG				
	3	LFT600603										
100	1	LFT601001	CS	—	—	—	13.6 N-m (120 in-lbs)	2/0–6 AWG		130 °C	—	LT60100FBC
	3	LFT601003					4.5 N-m (40 in-lbs)	8 AWG				
							4.0 N-m (35 in-lbs)	10–14 AWG				
200	1	LFT602001	CS	—	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		130 °C	—	LT60200FBC
	3	LFT602003										
400	1	LFT604001	CS	—	—	—	(2) 31.1 N-m (275 in-lbs)	250 kcmil-6		130 °C	—	LT60400FBC
	3	LFT604003										
600	1	LFT606001	CS	—	—	—	(2) 42.4 N-m (375 in-lbs)	500 kcmil-6		130 °C	—	LT60600FBC
	3	LFT606003										

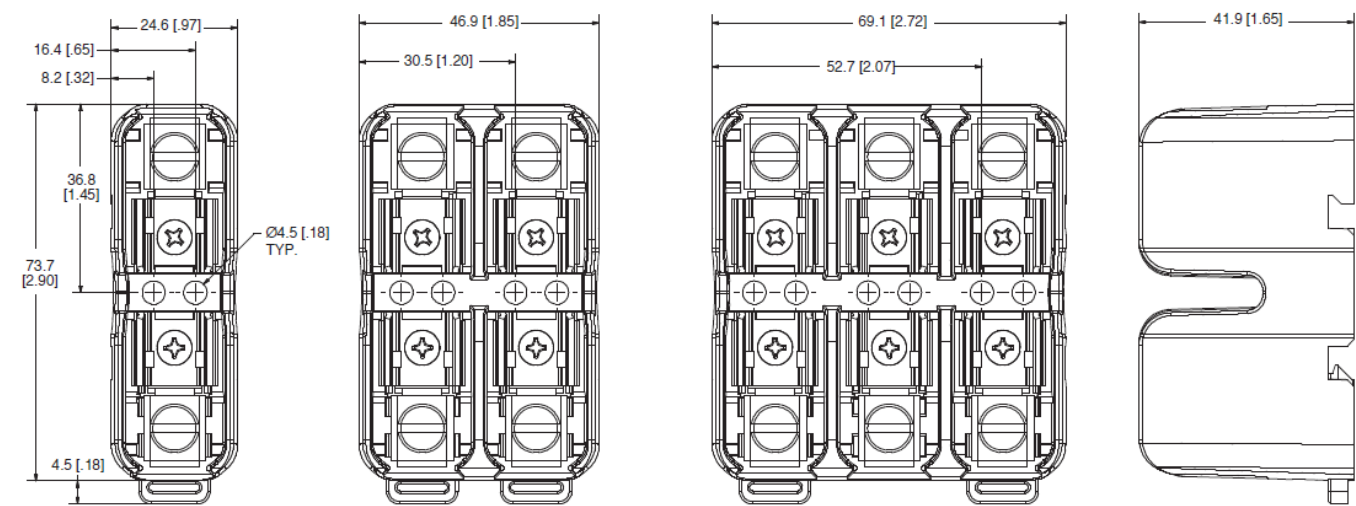
- Covers are sold individually. One cover is needed for each pole.
- The wire type for the pressure plate and screw terminal is CU only

Dimensions mm (inches)

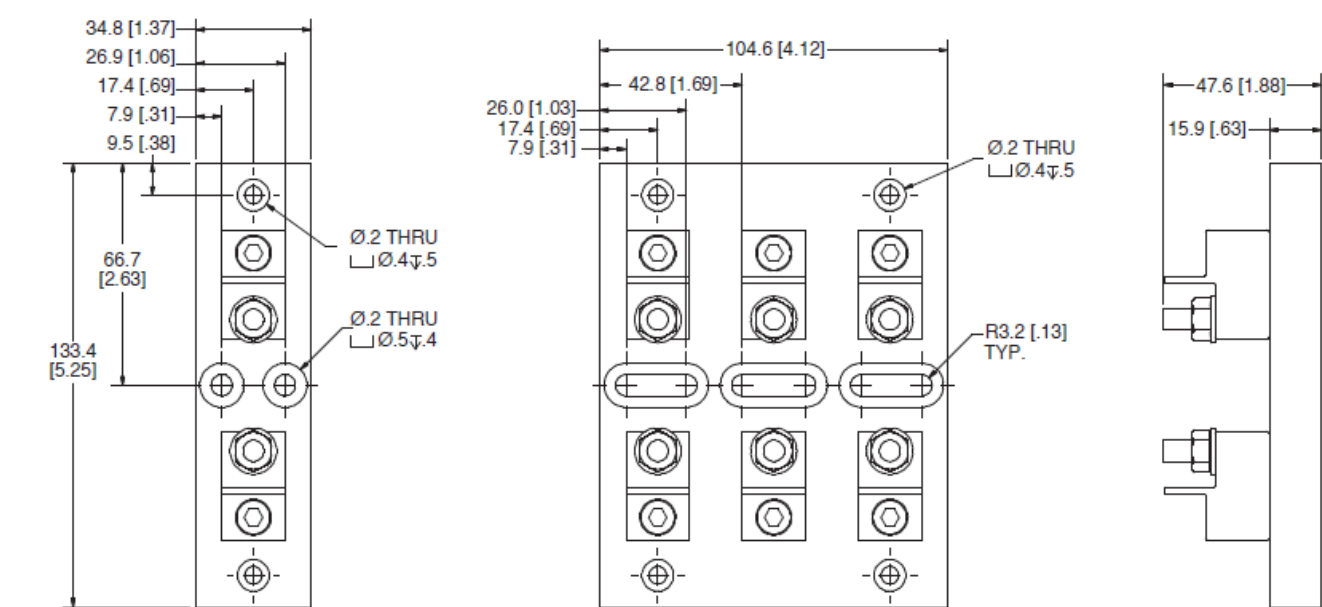
300 V 30 A



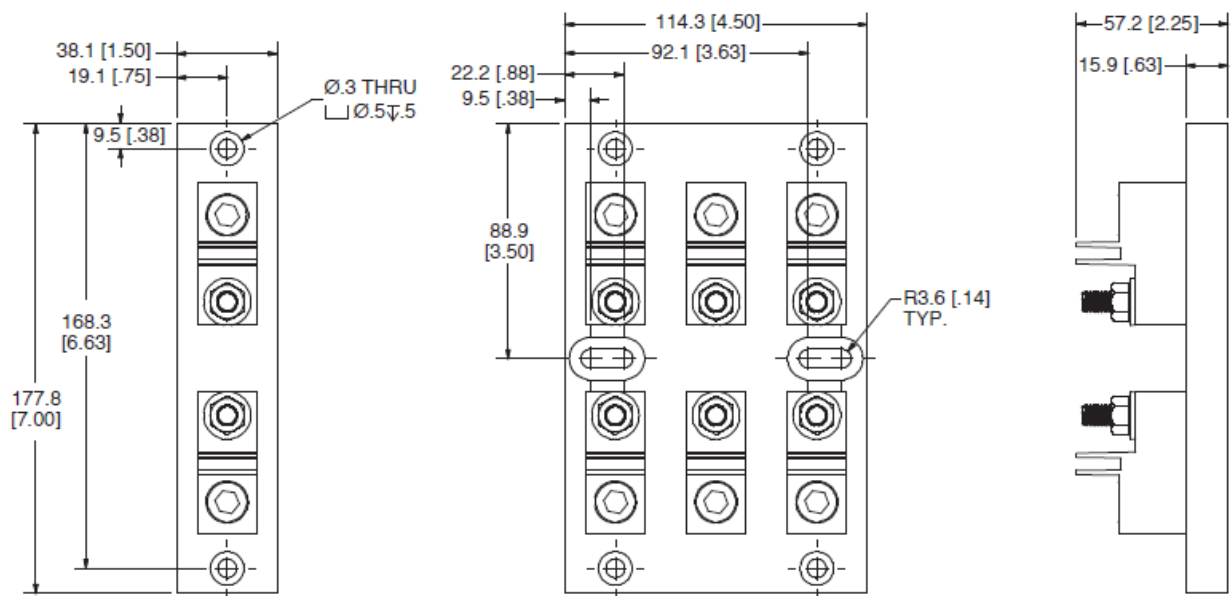
300 V 60 A



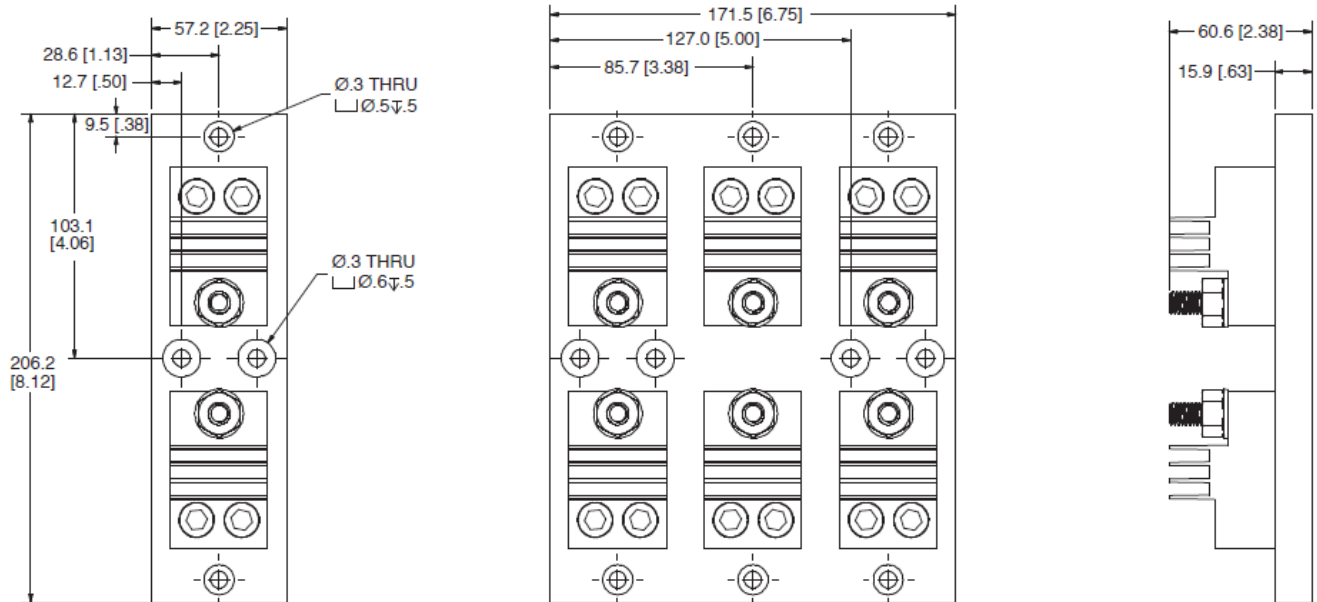
300 V 100 A



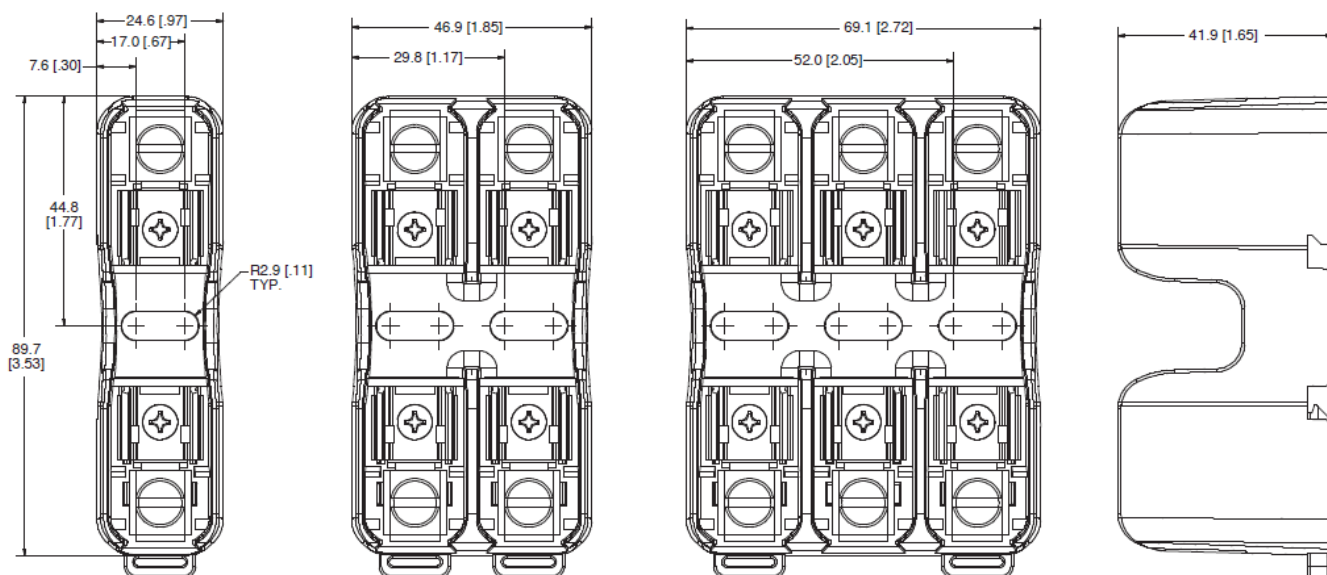
300 V 400 A



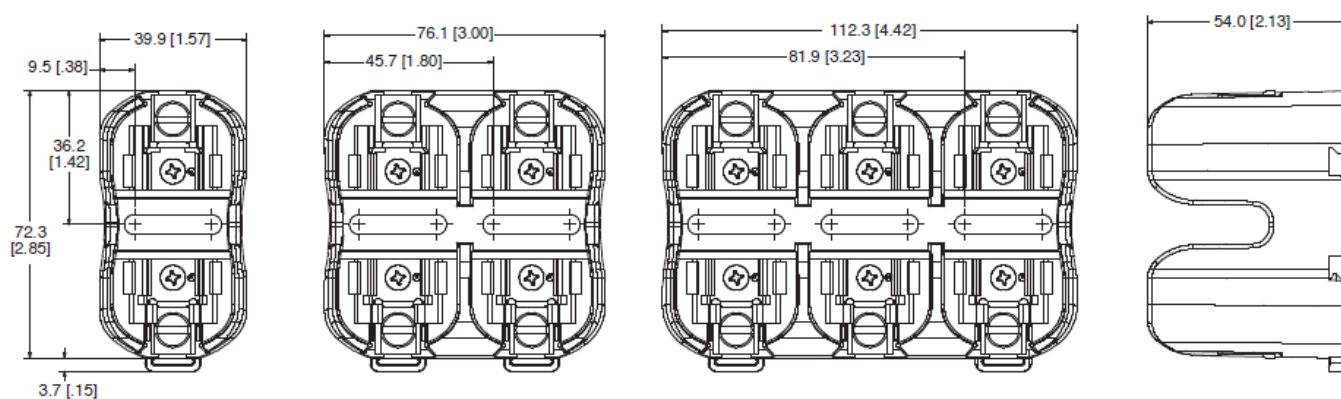
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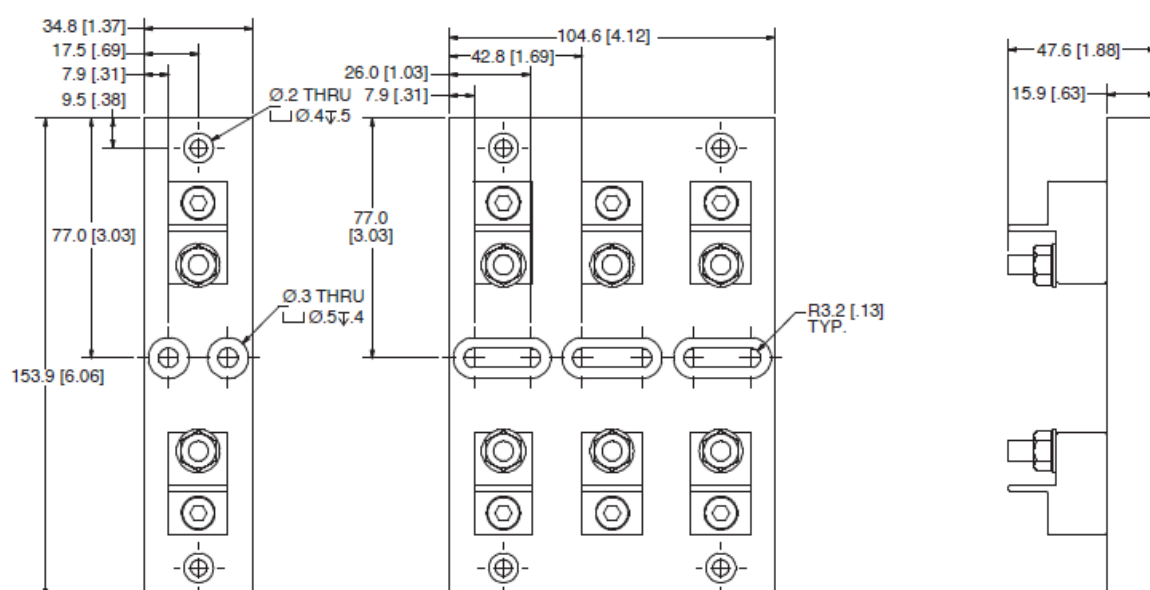
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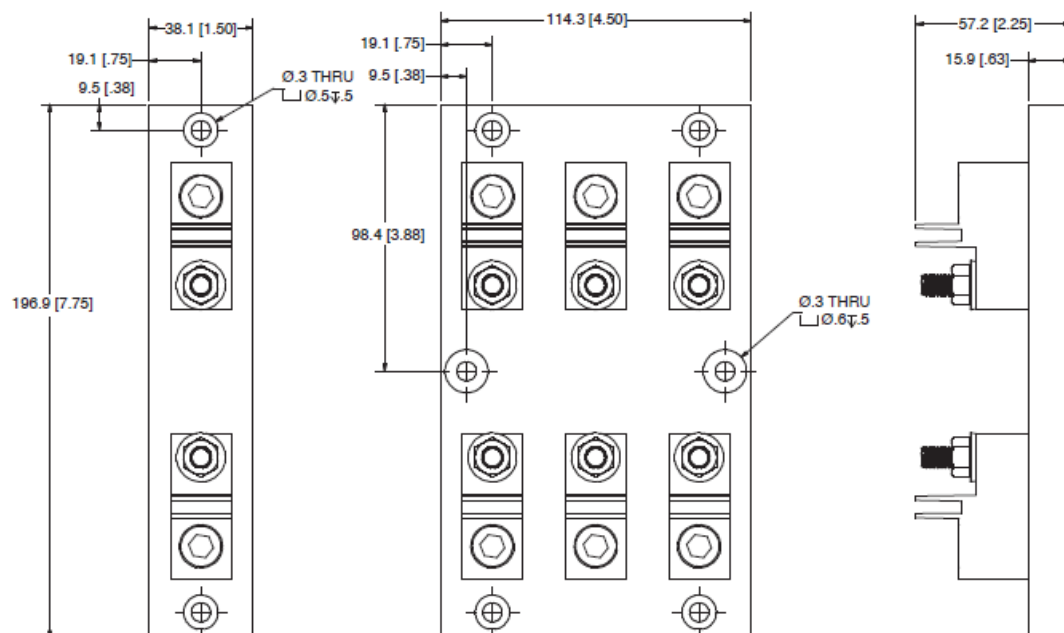
600 V 60 A



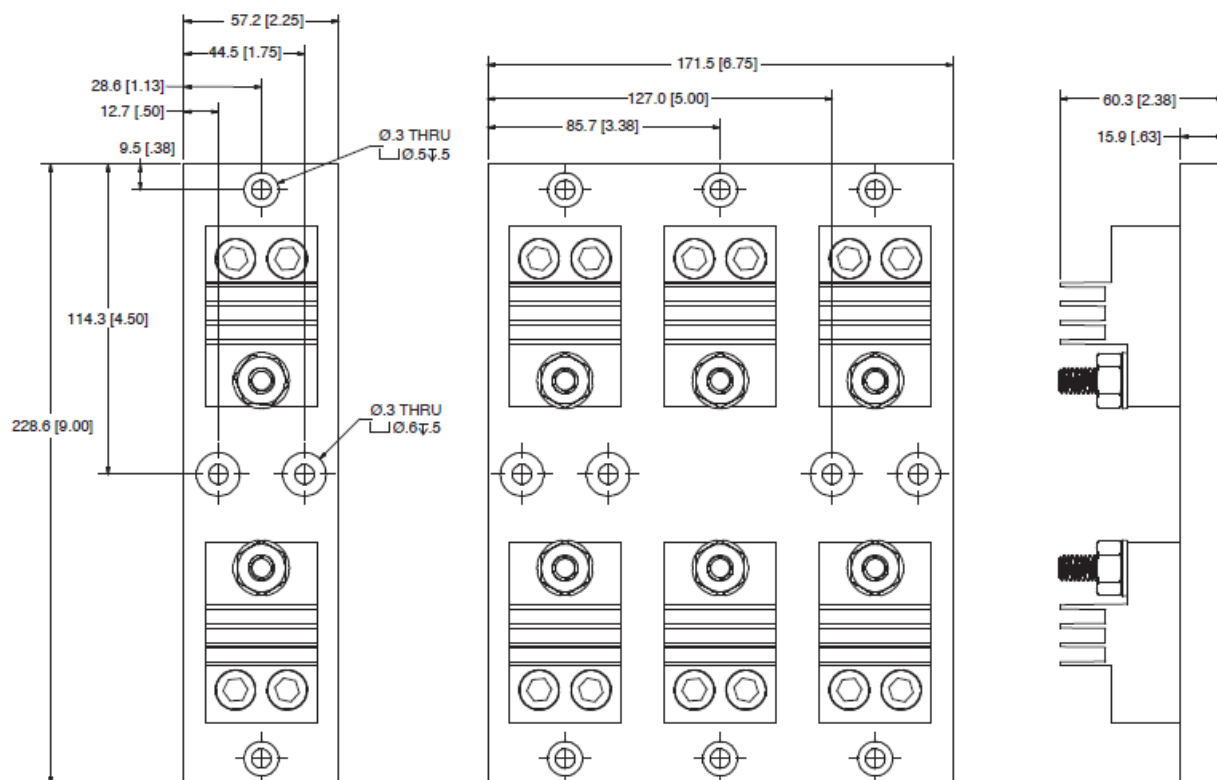
600 V 100 A



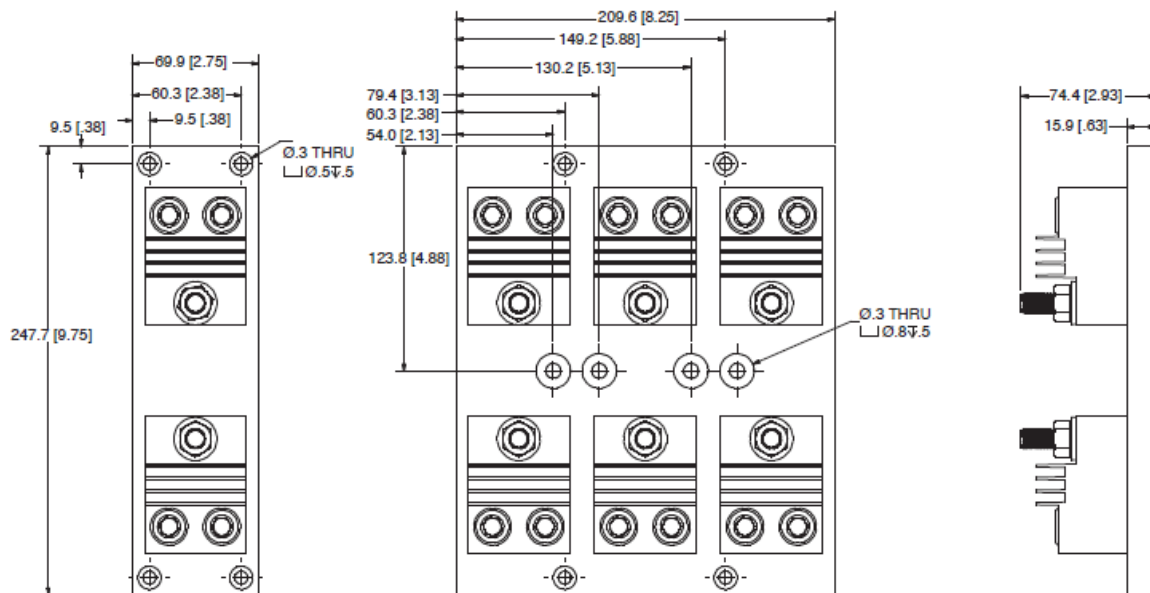
600 V 200 A



600 V 400 A



600 V 600 A



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Documents / Resources



[Littelfuse LF Series Class T Fuse Blocks](#) [pdf] User Guide

LT60100FBC, LF Series Class T Fuse Blocks, LF Series, Class T Fuse Blocks, T Fuse Blocks, F use Blocks, Blocks

References

- [POWR-GARD Fuse Blocks | Fuse Holders & Fuse Accessories - Littelfuse](#)
- [LFT - Littelfuse](#)
- [Product Disclaimer - Littelfuse](#)
- [User Manual](#)

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