POWR-GARD® Blocks & Holders

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, 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 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	Tin 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 JLLS

Web Resources

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

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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	† see note	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	CU-AL		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											

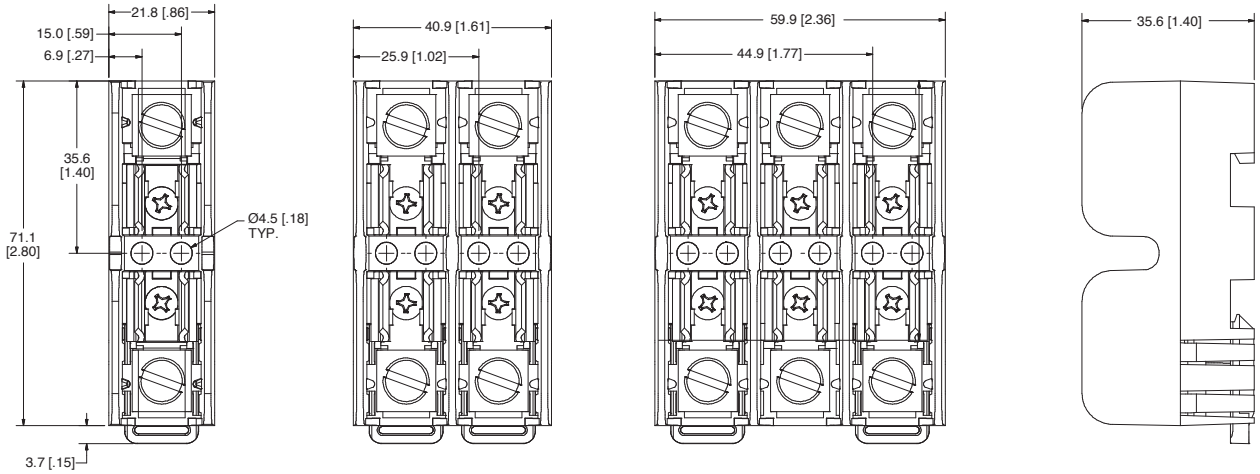
** Covers sold individually. One cover needed for each pole.*

† Wire type for pressure plate and screw terminal is CU only

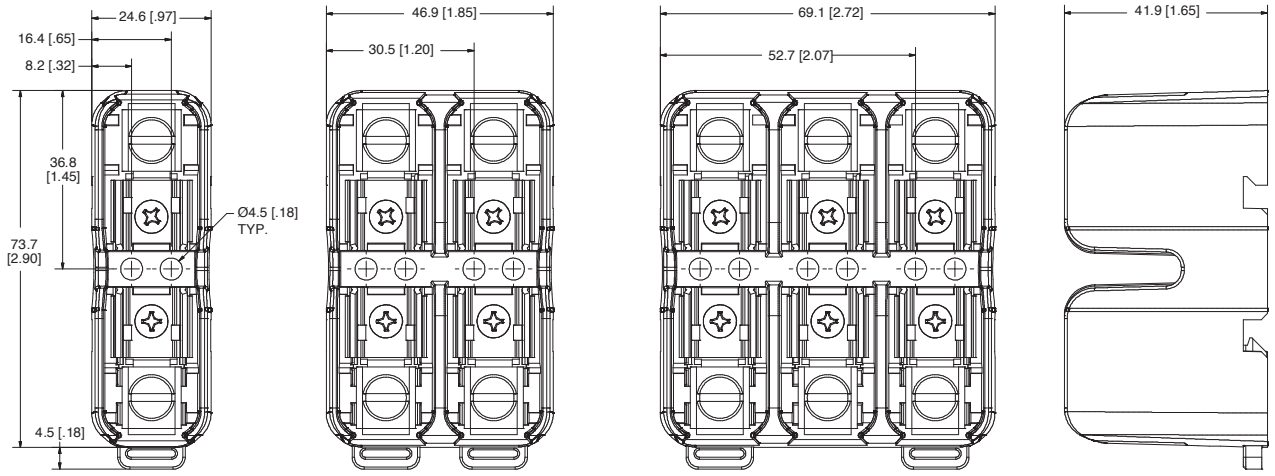
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Dimensions mm (inches)

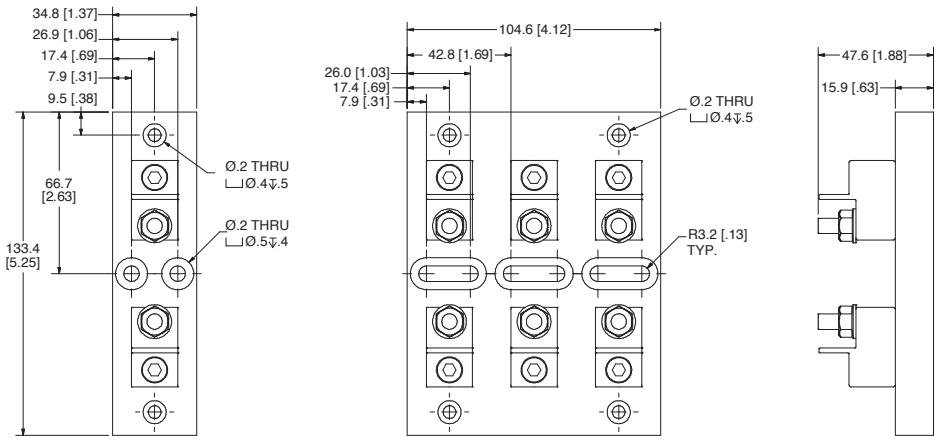
300 V 30 A



300 V 60 A



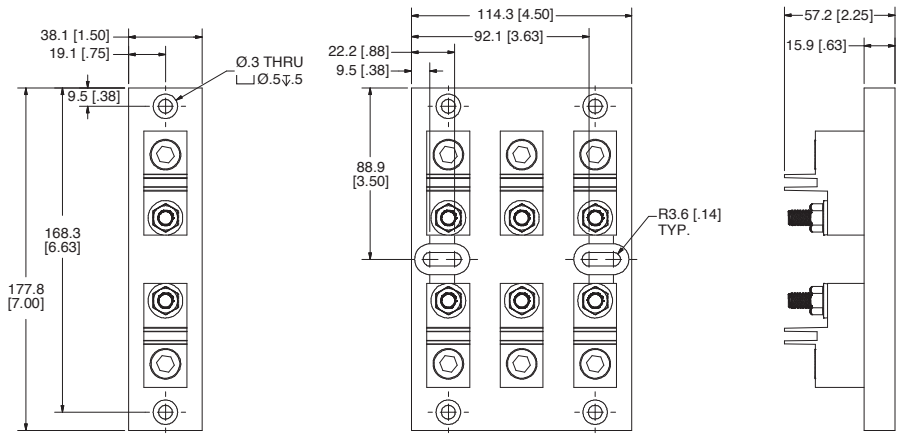
300 V 100 A



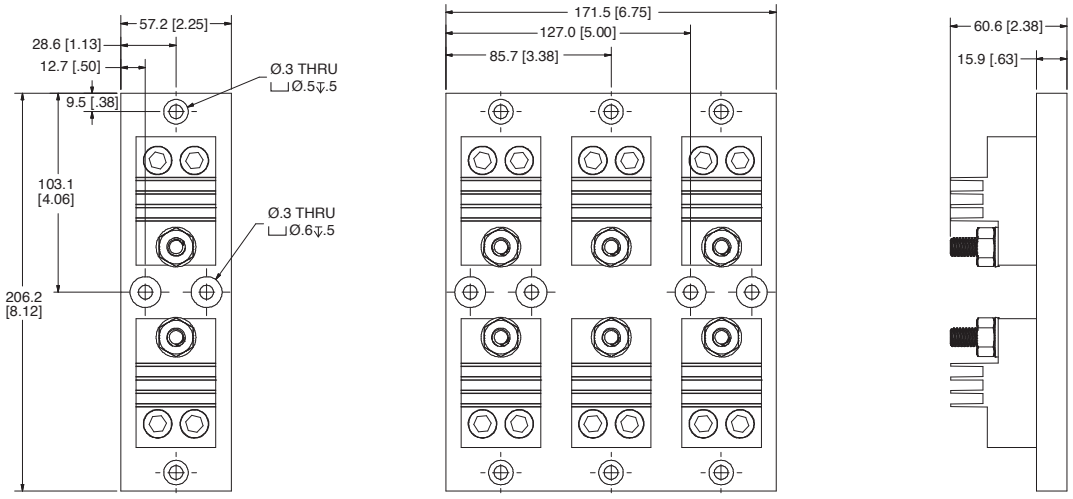
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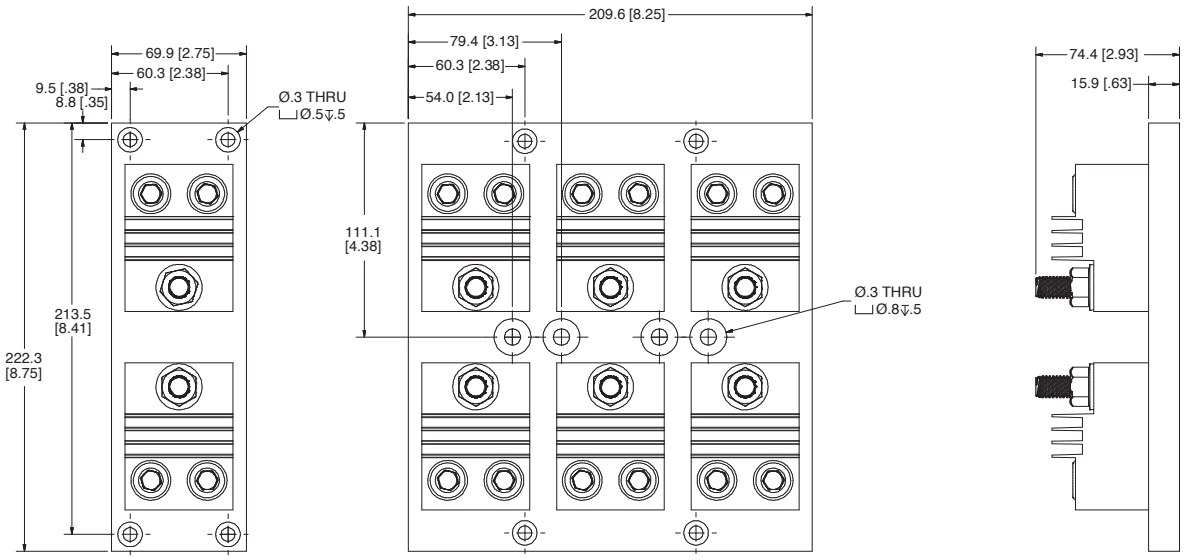
300 V 200 A



300 V 400 A



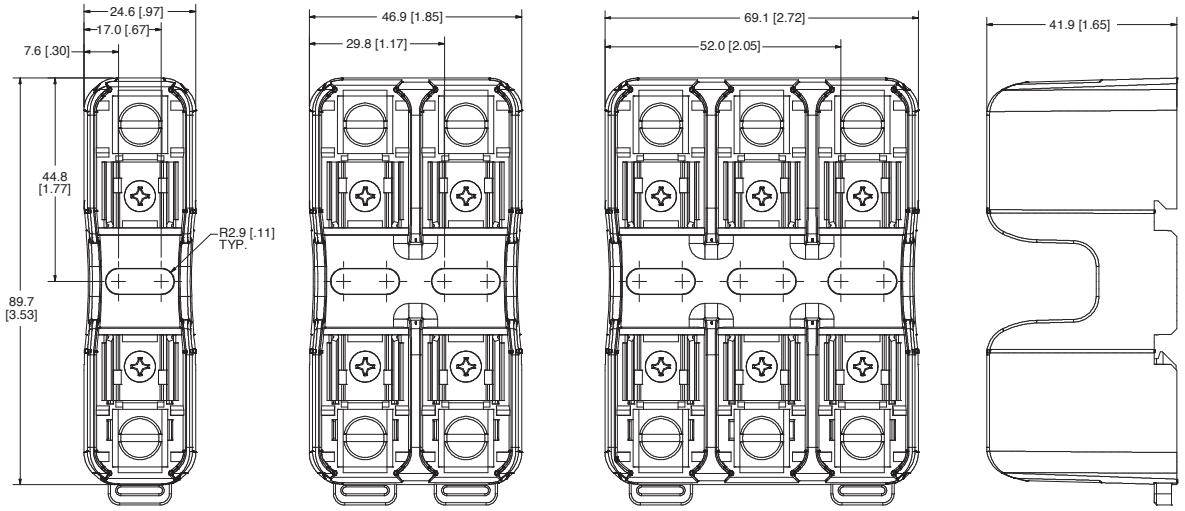
300 V 600 A



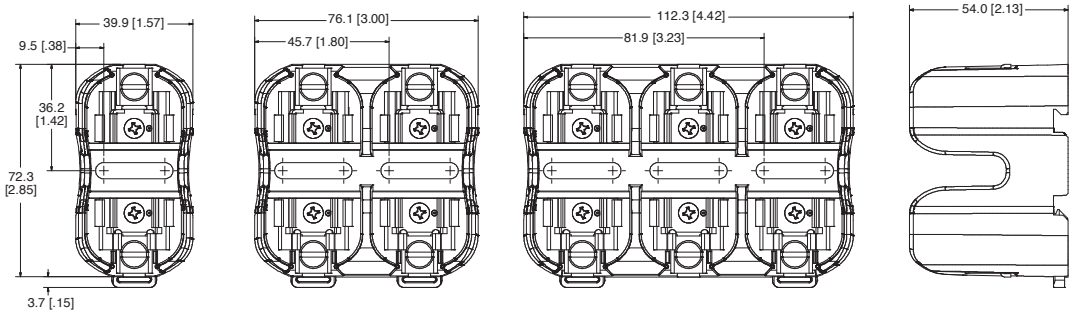
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Dimensions mm (inches)

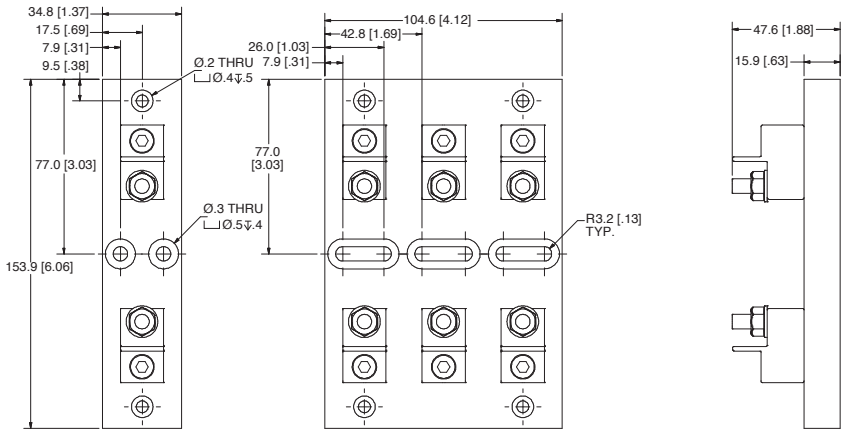
600 V 30 A



600 V 60 A



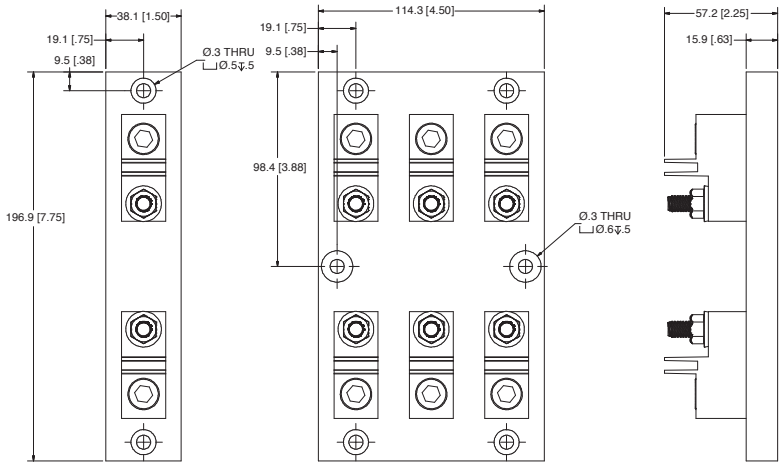
600 V 100 A



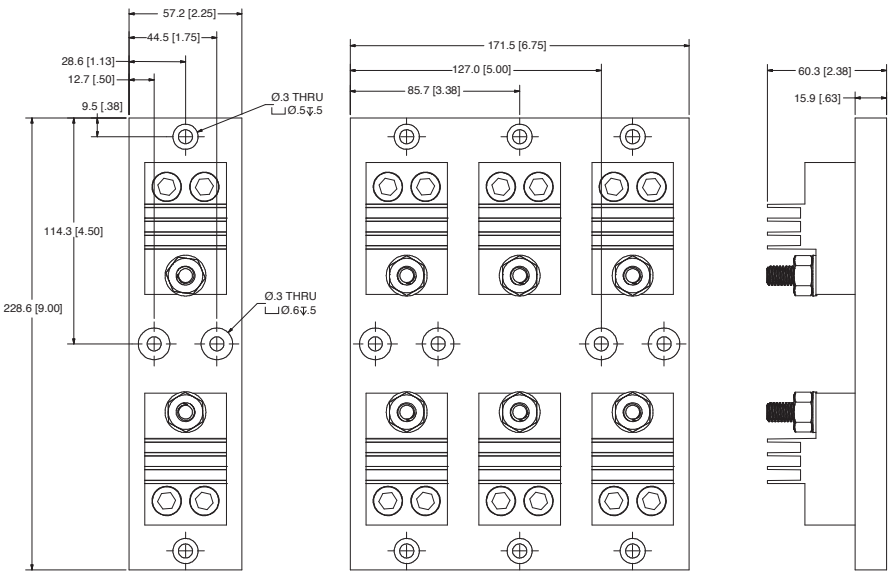
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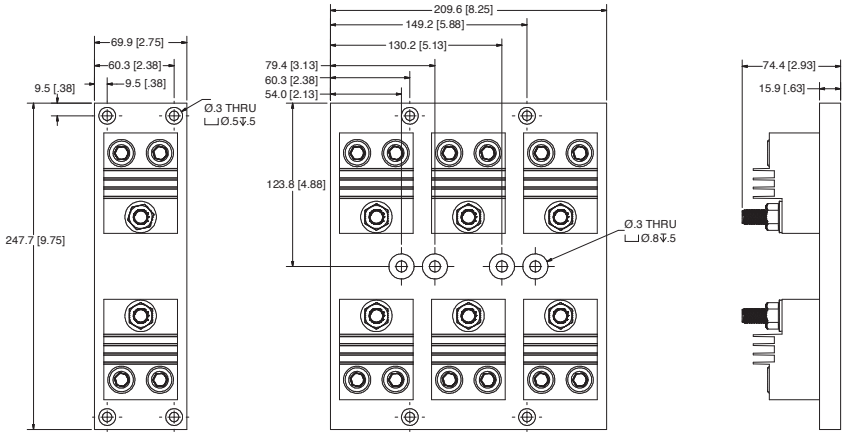
600 V 200 A



600 V 400 A



600 V 600 A



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