

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
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)

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	[†] see note		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	CU-AL	Solid/Stranded	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					
200	LFT60200	1	—	3	CS	—	—	4.0 N-m (35 in-lbs)	10-14 AWG			130°C	—	LT60200FBC
400	LFT60400	1	—	3	CS	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6			130°C	—	LT60400FBC
600	LFT60600	1	—	3	CS	—	—	(2) 31.1 N-m (275 in-lbs)	250 kcmil-6			130°C	—	LT60600FBC
								(2) 42.4 N-m (375 in-lbs)	500 kcmil-6					

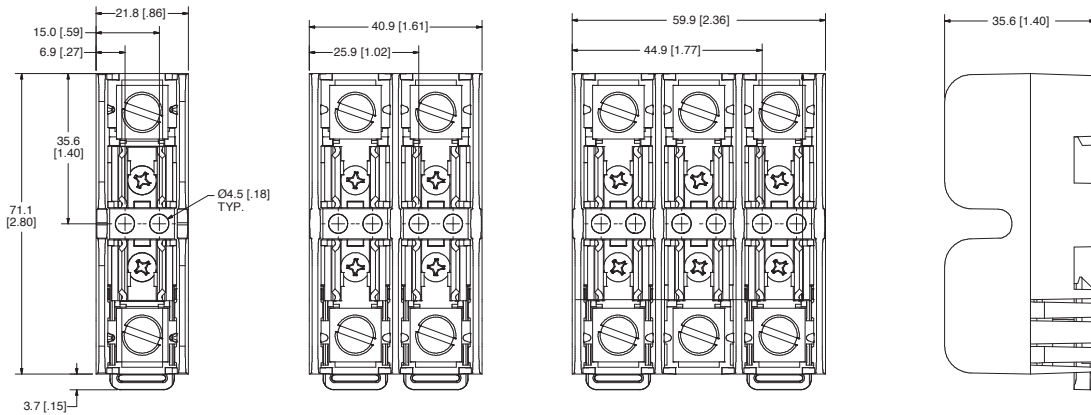
* Covers sold individually. One cover needed for each pole.

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

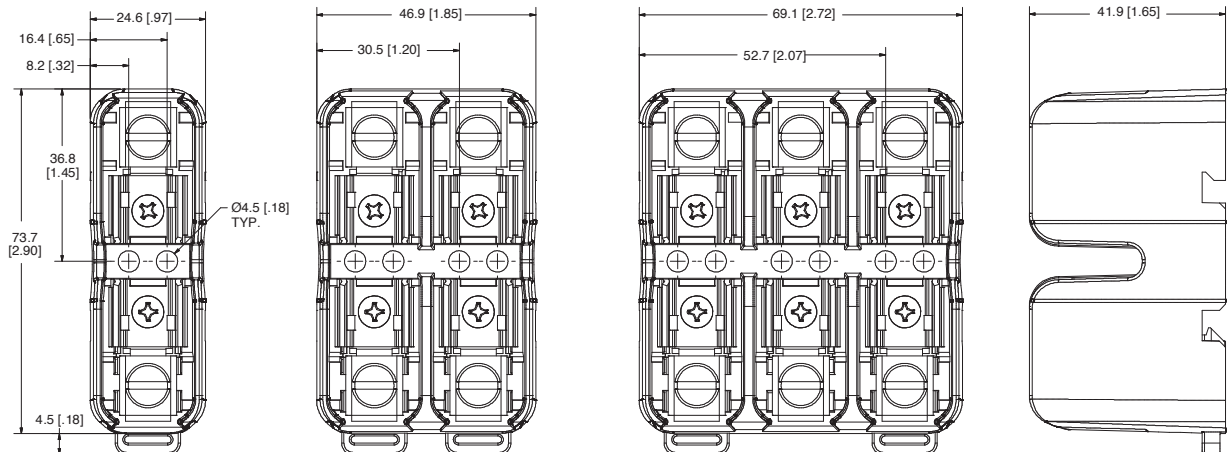
LF SERIES CLASS T FUSE BLOCKS

Dimensions mm (inches)

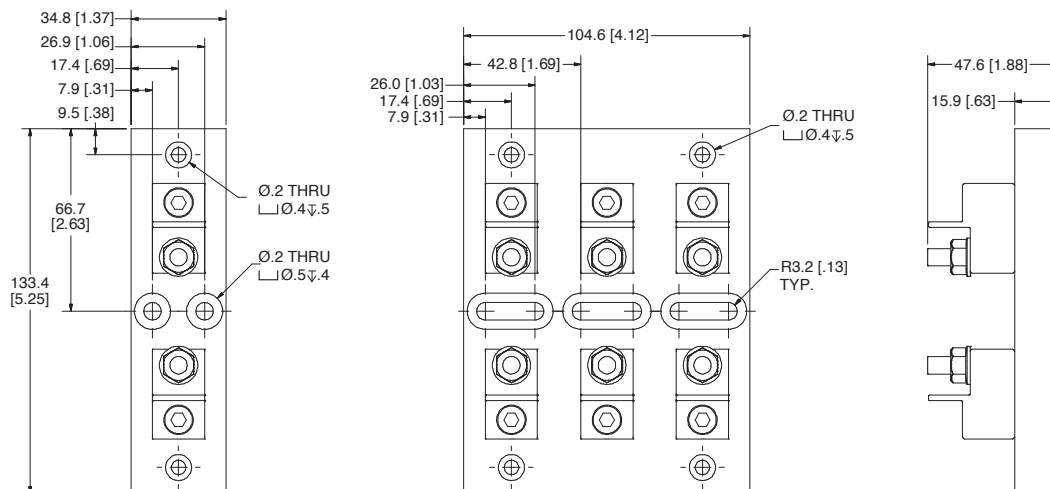
300 V 30 A



300 V 60 A



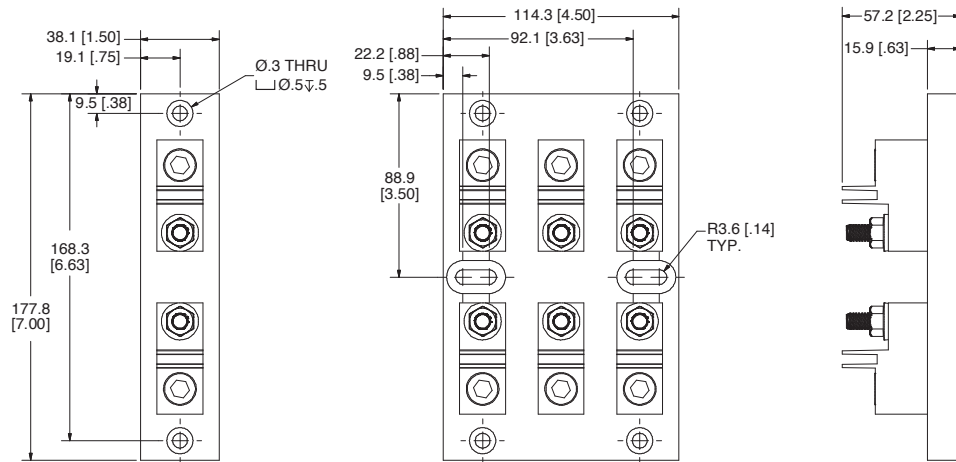
300 V 100 A



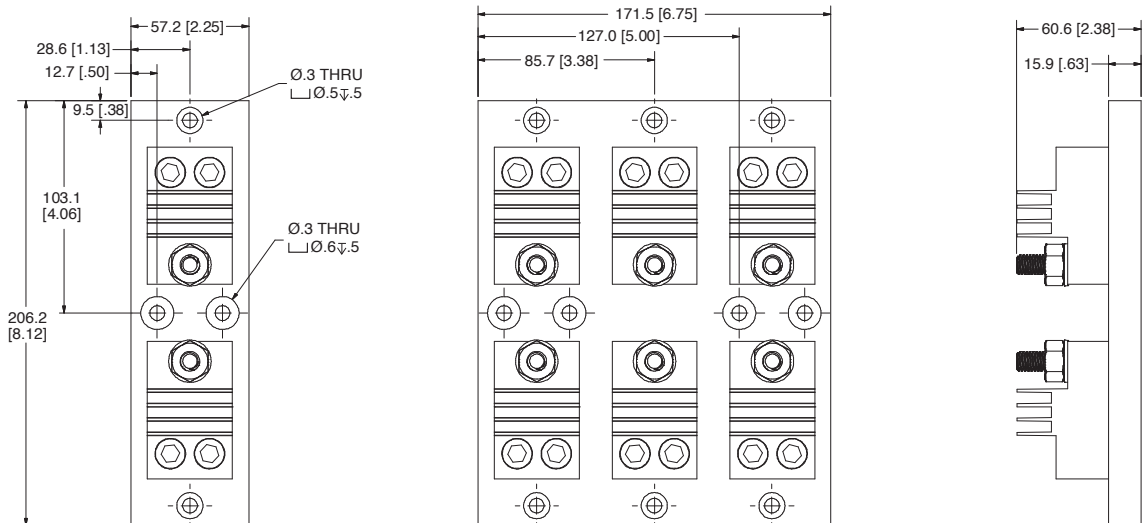
LF SERIES CLASS T FUSE BLOCKS

Dimensions mm (inches)

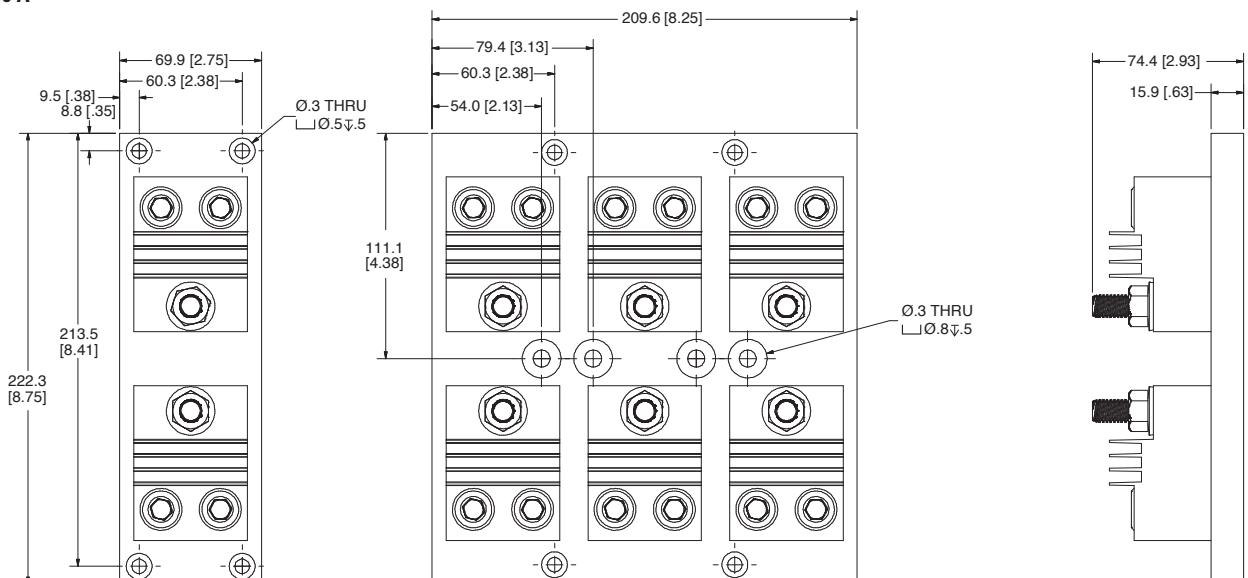
300 V 200 A



300 V 400 A



300 V 600 A



Dimensions mm (inches)

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

Front View Dimensions:

- Top width: 24.6 [0.97]
- Top width (inner): 17.0 [0.67]
- Top width (outer): 7.6 [0.30]
- Height (top section): 44.8 [1.77]
- Height (bottom section): 89.7 [3.53]
- Radius: R2.9 [0.11] TYP.

Top View Dimensions:

- Overall width: 46.9 [1.85]
- Overall height: 29.8 [1.17]

Side View Dimensions:

- Overall width: 69.1 [2.72]
- Overall height: 52.0 [2.05]

Bottom View Dimensions:

- Overall width: 41.9 [1.65]

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

Front View Dimensions:

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

Top View Dimensions:

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

Side View Dimensions:

- Overall Depth: 54.0 [2.13]

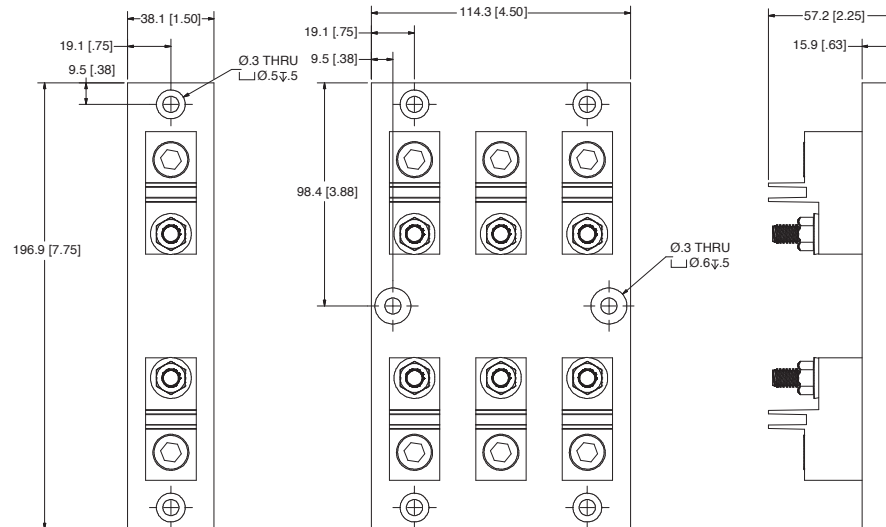
Internal Dimensions:

- Internal Length: 112.3 [4.42]
- Internal Width: 81.9 [3.23]

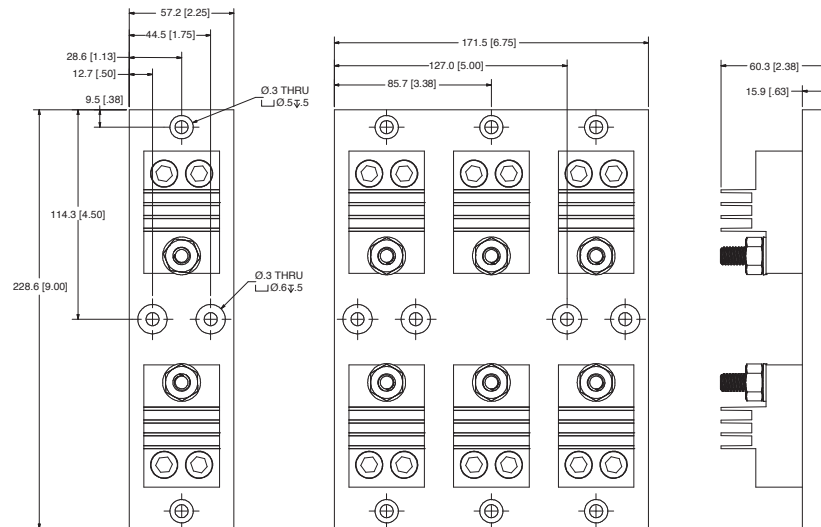
LF SERIES CLASS T FUSE BLOCKS

Dimensions mm (inches)

600 V 200 A



600 V 400 A



600 V 600 A

