

LF SERIES CLASS J FUSEBLOCKS

600 Volt



Description

The new 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 than existing blocks
- Universal mounting holes for easy replacement
- Indication offered on all versions except 200 A–600 A
- One hand release from DIN Rail for all non-knife blade style fuses
- Reinforced fuse clips are standard on all Class J blocks
- Covers available for 100 A and lower to enhance safety

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 No. E14721 CSA Certified: File No. LR73091
Environmental:	RoHS Compliant Lead (Pb) Free

Recommended Fuses

Time Delay
Series: JTD_ID
Series: JTD

Fast Acting
Series: JLS

For information about Touch-Safe Class J fuseholders:
<http://www.littelfuse.com/lpsj>

Web Resources

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

<http://www.littelfuse.com/fuseblocks>
<http://www.littelfuse.com/ljf>

Ordering Information (Class J 600 V)

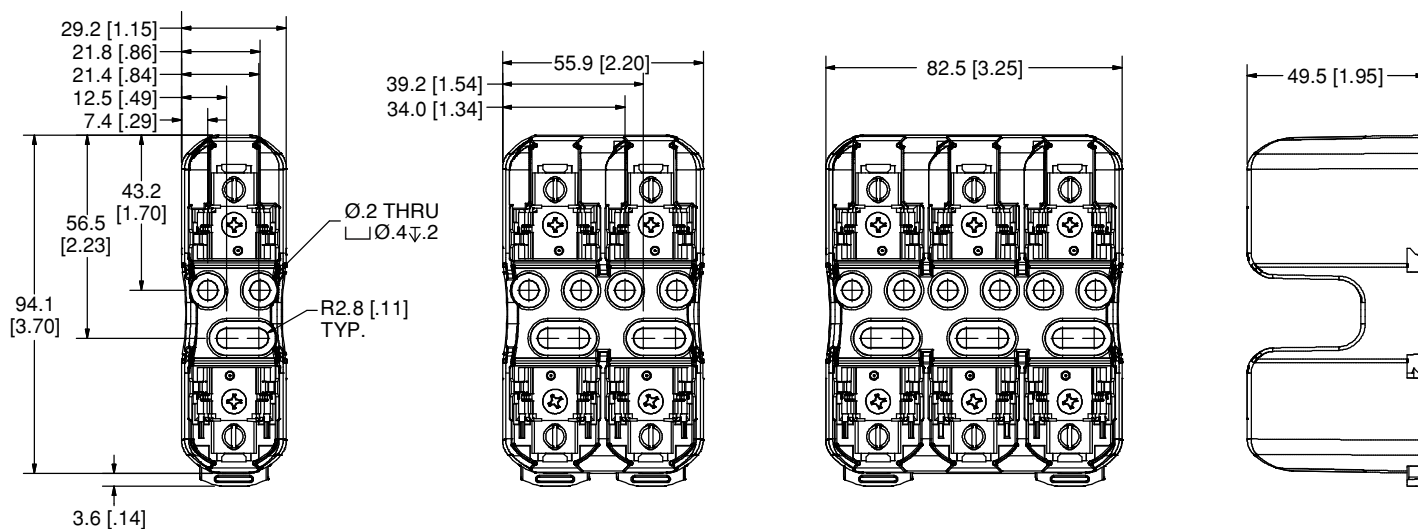
AMP RATING	POLES	CATALOG/SYSTEM NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	DIN RAIL MOUNT	INDICATION	COVER ORDERING NUMBER*
		BASE PART NUMBER	SUFFIX											
			BOX LUG	PRESSURE PLATE	SCREW									
30	1	LFJ600301	CID	PID	SID	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only	Solid/ Stranded	125°C	●	●	LFJ60030FBC
	2	LFJ600302	CID	PID	SID		P	10-14 AWG						
	3	LFJ600303	CID	PID	SID		S	10-22 AWG						
60	1	LFJ600601	CID	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		CU-AL	Solid/ Stranded	125°C	●	●	LFJ60060FBC
	2	LFJ600602	CID	—	—	2.8 N-m (25 in-lbs)	6-14 AWG							
	3	LFJ600603	CID	—	—									
100	1	LFJ601001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		CU-AL	Solid/ Stranded	130°C	—	●	LFJ60100FBC
	3	LFJ601003	CID	—	—	4.5 N-m (40 in-lbs)	8 AWG							
						4.0 N-m (35 in-lbs)	10-14 AWG							
200	1	LFJ602001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL	Solid/ Stranded	130°C	—	—	—
	3	LFJ602003	C	—	—									
400	1	LFJ604001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL	Solid/ Stranded	130°C	—	—	—
	3	LFJ604003	C	—	—									
600	1	LFJ606001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL	Solid/ Stranded	130°C	—	—	—
	3	LFJ606003	C	—	—									

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

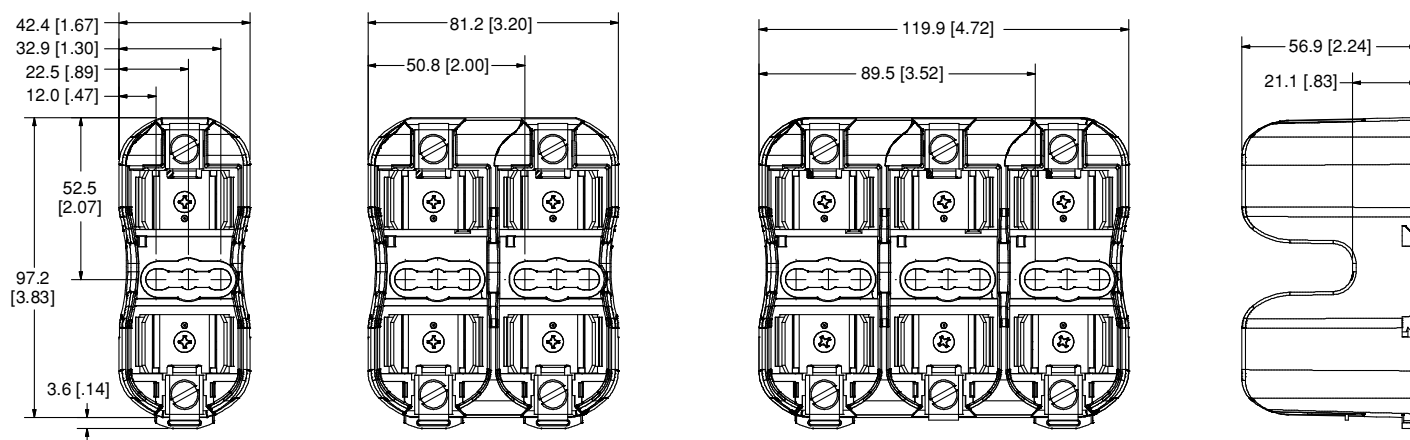
LF SERIES CLASS J FUSEBLOCKS

Dimensions in mm (inches)

600 V 30 A



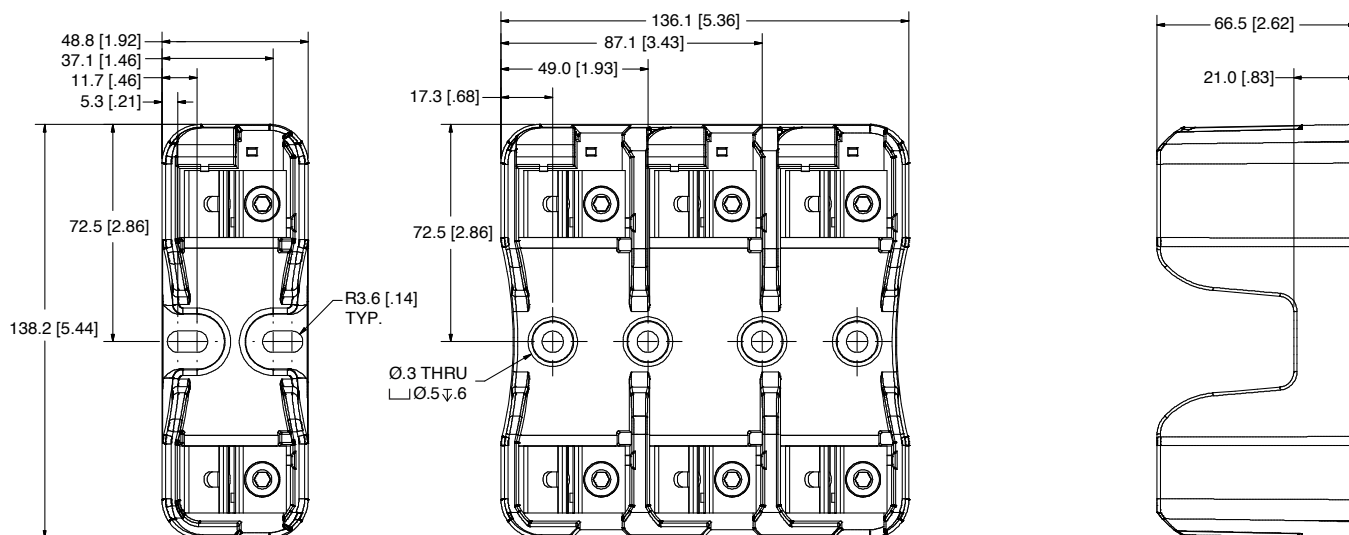
600 V 60 A



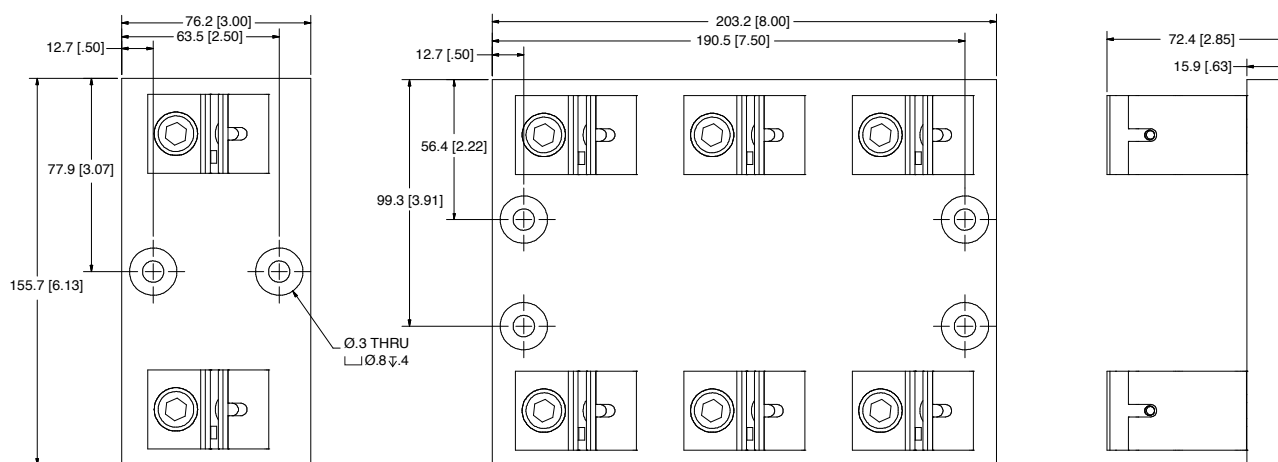
LF SERIES CLASS J FUSEBLOCKS

Dimensions in mm (inches)

600 V 100 A



600 V 200 A



Dimensions in mm (inches)

[illegible]

Technical drawing of the 1000 Series 120VAC/240VAC power supply, showing top, side, and front views with dimensions in inches and millimeters.

Top View Dimensions:

- Overall Width: 304.8 [12.00]
- Overall Height: 298.5 [11.75]
- Mounting Hole Spacing (Center-to-Center): 101.6 [4.00]
- Mounting Hole Diameter: Ø.3 THRU 0.6 [Ø.0762 - Ø.1524]
- Input Connector Spacing: 73.0 [2.88]
- Output Connector Spacing: 119.0 [4.69]
- Mounting Hole to Input Connector Distance: 28.6 [1.13]
- Mounting Hole to Output Connector Distance: 179.5 [7.07]
- Mounting Hole to Input Connector Distance (Alternative): 12.7 [.50]

Side View Dimensions:

- Overall Height: 110.6 [4.36]
- Mounting Hole to Input Connector Distance: 15.9 [.63]

Front View Dimensions:

- Overall Width: 110.6 [4.36]
- Mounting Hole to Input Connector Distance: 15.9 [.63]