POWR-GARD® Blocks & Holders

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 30 A and 60 A box lugs

Specifications

Voltage Ratings	600 V
Ampere Ratings	0–600 A
Leakage Current	<0.6 mA at 600 V
Materials:	
Base	Thermoplastic
Fuse Clip	Tin plated copper alloy
Box Lug	Aluminum
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 REACH Compliant

Recommended Fuses

Time Delay
Series: JTD_ID
Series: JTD

Fast Acting
Series: JLS

For information about touch-safe Class J fuse holders, visit:
Littelfuse.com/lfpsj

Web Resources

For sample requests, downloadable CAD drawings, fuse block cover datasheet and other technical information, visit:
Littelfuse.com/FuseBlocks **Littelfuse.com/LFJ**

Ordering Information (Class J 600 V)

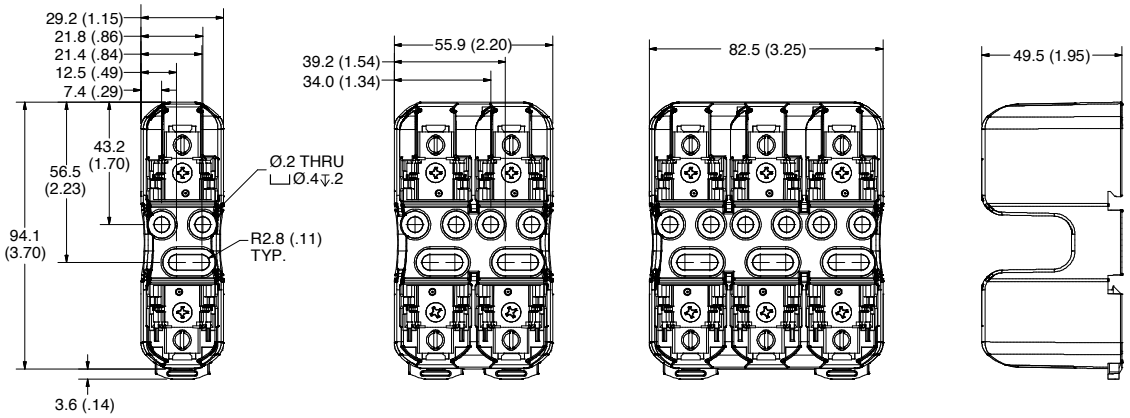
AMPERE RATING	POLES	ORDERING NUMBER: BASE PART NUMBER	TERMINAL SUFFIX: BOX LUG HEX	BOX LUG SLOT	PRESSURE PLATE	SCREW	INDICATION	TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	DIN RAIL	COVER ORDERING NUMBER*
30	1	LFJ600301	CID-HX	CID	PID	SID	•	2.8 N-m (25 in-lbs)	C P S	6–14 AWG 10–14 AWG 10–22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

*Note: Reinforcing springs standard on all Class J fuse blocks. *Covers sold individually. One cover needed for each pole. **Cover is not compatible with 70–100 A JLS series fuses*

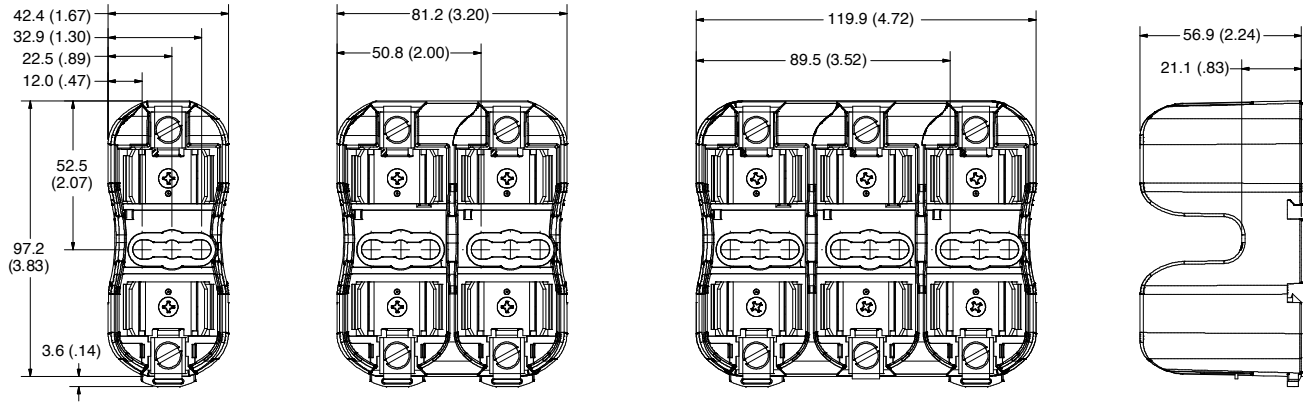
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Dimensions mm (inches)

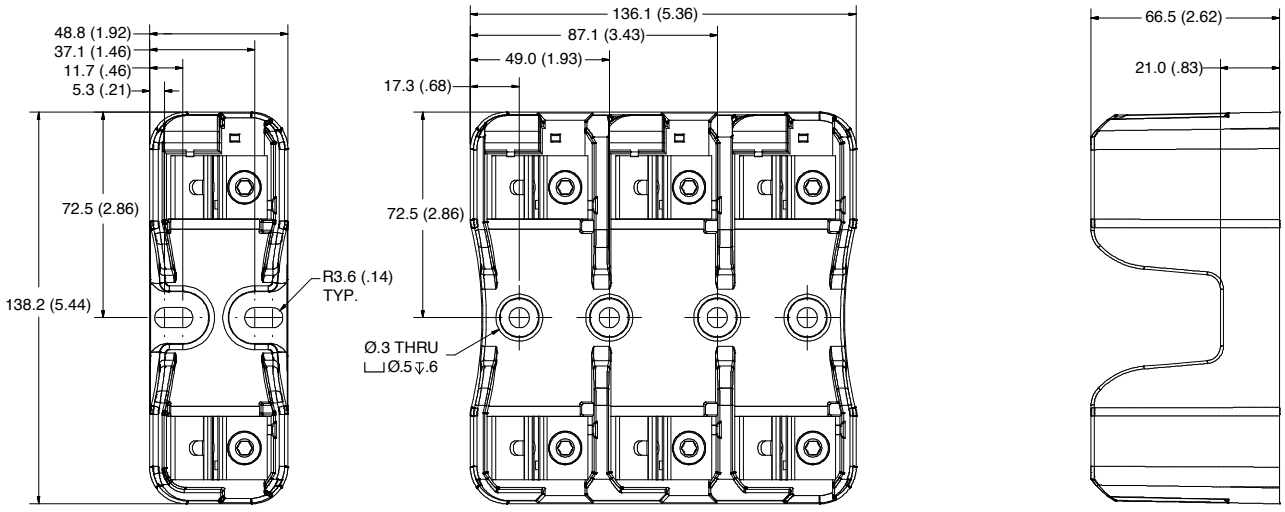
600 V 30 A



600 V 60 A



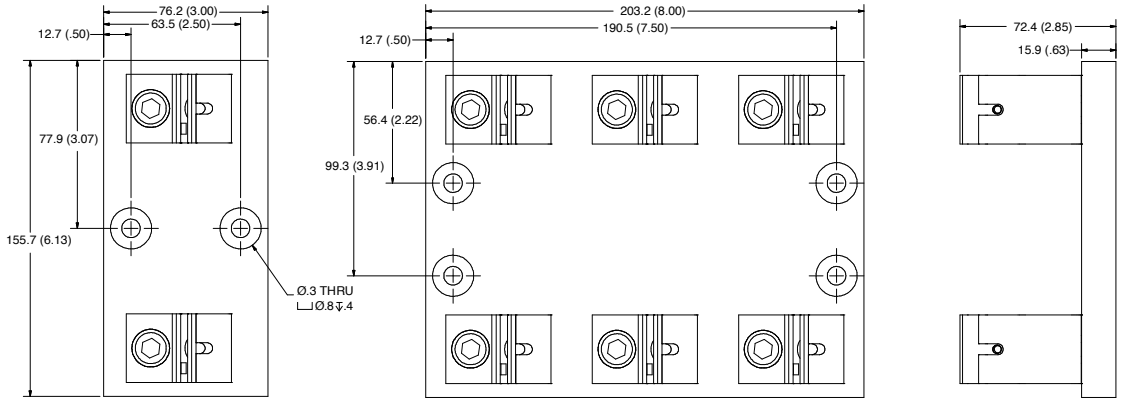
600 V 100 A



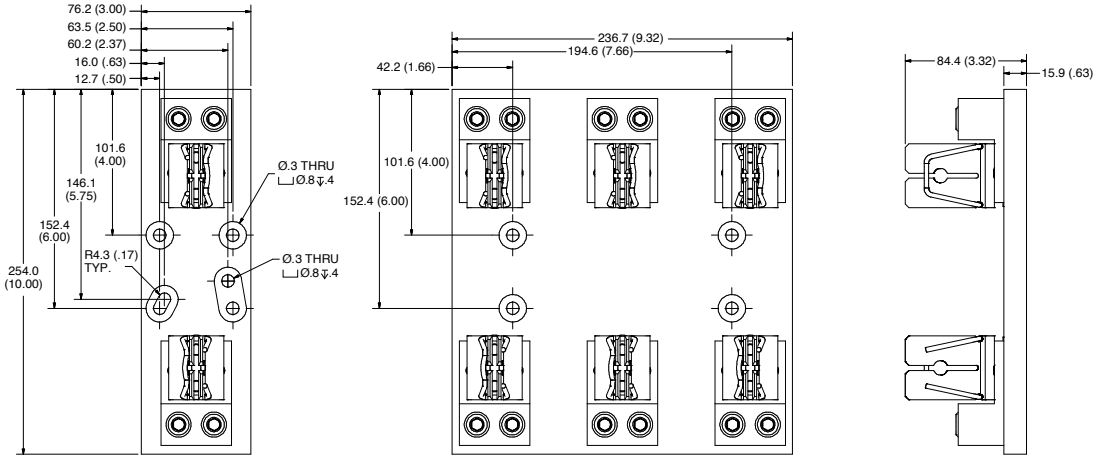
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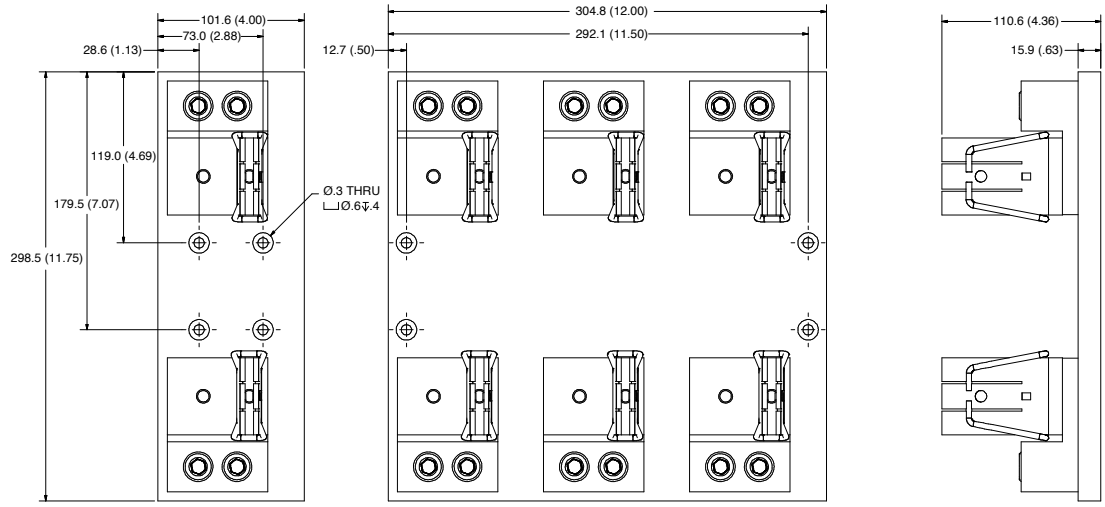
600 V 200 A



600 V 400 A



600 V 600 A



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