250 V • 600 V



### **Description**

The Littelfuse Class H/K5 and R blocks offer many benefits such as indication, snap-to-release DIN rail mounting and mounting flexibility for easier installation. Class H and Class R fuse blocks are dimensionally the same, but Class R blocks incorporate a rejection feature, which only allows Class R fuses to be inserted.

#### Features/Benefits

- Accommodates a wide range of existing mounting configurations
- Indication offered on most 250 V and 600 V versions
- One hand release from DIN rail for ferrule style fuses
- Reinforced fuse clips are standard on all Class H and Class R fuse blocks
- Covers available for 100 A and lower to enhance safety
- Both hex and slot set screw options available on 60 Ampere, 600 Volt Class R box lugs

#### **Specifications**

Voltage Rating 250 V, 600 V
Ampere Ratings 0–600 A
Leakage Current <0.6 mA at 600 V
Withstand Rating Class H: 10 kA RMS SYM
Class R: 200 kA RMS SYM

**Materials:** 

Base Thermoplastic
Fuse Clip Tin plated copper alloy

Box Lug Aluminum
Pressure Plate Zinc plated steel
Screw Zinc plated steel
Flammability Rating UL94 V-0

**Approvals** UL Listed (File: E14721)

CSA Certified (File: LR7316) **Environmental**RoHS Compliant, Lead (Pb) Free

#### **Recommended Fuses**

Class H/K5 Blocks – 250 V

NLN

Class R Blocks – 250 V FLNR/FLNR\_ID, KLNR, LLNRK

Class H/K5 Blocks - 600 V

NLS

Class R Blocks - 600 V

FLSR/FLSR\_ID, KLSR, LLSRK/LLSRK\_ID, IDSR

#### **Web Resources**

Sample requests, downloadable CAD drawings and other technical information:

Littelfuse.com/lfh Littelfuse.com/lfr



### **Ordering Information (Class H 250 V)**

NG			ORDERING N	IUMBER		NO			WIRE TYPE			_	
AMP RATING	POLES	BOX LUG HEX SCREW	BOX LUG SLOT SCREW	PRESSURE PLATE	SCREW	INDICATION	TORQUE	WIRE RANGE			BASE TEMP RATING	DIN RAIL	COVER ORDERING NUMBER *
	1	_	LFH250301C	LFH250301P	LFH250301S	_	2.8 N-m (25 in-lbs)	BOX LUG 6–14 AWG			125 °C	•	LFH25030FBC
30	2	_	LFH250302C	LFH250302P	LFH250302S	_		PRESSURE PLATE 10-14 AWG	CU only				
	3	_	LFH250303C	LFH250303P	LFH250303S	_		SCREW 10–22 AWG					
	1	_	LFH250601CID	_	_	•	5.6 N-m (50 in-lbs)			Stranded			
		_	LFH250601C	_	-	_		2–4 AWG					
60	2		LFH250602CID	_		•			CU-AL		125 °C	•	LFH25060FBC
00		_	LFH250602C	_	_	_	2.8 N-m (25 in-lbs)	6–14 AWG					E111230001 D0
	3	_	LFH250603CID	_	_	•							
		_	LFH250603C	_	_	_	13.6 N-m (120 in-lbs) 4.5 N-m (40 in-lbs) 4.0 N-m (35 in-lbs)			_			
	1	LFH251001CID	_	_		•		2/0-6 AWG		Solid	130 °C		
100	L'	LFH251001C	_	_	_	_		8 AWG					LFH25100FBC
100	3	LFH251003CID	_	_		•		10–14 AWG			100 0		211123100120
		LFH251003C		_		_		10-14 AVVG					
200	1	LFH252001C	_	_	_		31.1 N-m (275 in-lbs)	250 kcmil-6	CU-AL		130 °C		_
200	3	LFH252003C	_	_	_		01.1 W III (270 III 100)	200 KCIIII U	OO AL		130 0		
400	1	LFH254001C		_		_	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0	CU-AL		130 °C	_	_
+00	3	LFH254003C	_	_			31.1 14-111 (2/3 111-105)	(2) 330 KGIIII-1/U	UU-AL		100 0		
600	1	LFH256001C		_	_	_	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4	CU-AL		130 °C		_
000	3	LFH256003C	_	_	_		42.4 IV-III (3/3 III-IJS)	(Z) 300 KUIIII-4	UU-AL		130 0		

Note: Reinforcing springs standard on all Class H fuse blocks. \*Covers sold individually. One cover needed for each pole.

### **Ordering Information (Class H 600 V)**

99			ORDERING NU	IMBER	Z						_		
AMP RATING	POLES	BOX LUG HEX SCREW	BOX LUG SLOT SCREW	PRESSURE PLATE	SCREW	INDICATION	TORQUE	WIRE RANGE TYP			BASE TEMP RATING	DIN RAIL	COVER ORDERING NUMBER *
	1	_	LFH600301CID	LFH600301PID	LFH600301SID	•		BOX LUG					
	_ ' _		LFH600301C	LFH600301P	LFH600301S	_		6–14 AWG					
30	2	_	LFH600302CID	LFH600302PID	LFH600302SID	•	2.8 N-m (25 in-lbs)	PRESSURE PLATE	CU only		130 °C	.	LFH60030FBC
30			LFH600302C	LFH600302P	LFH600302S	_	2.8 N-m (25 IN-IDS)	10–14 AWG	CO ONLY		130 C		LFHOUUSUFBC
	3		LFH600303CID	LFH600303PID	LFH600303SID	•		SCREW					
	J		LFH600303C	LFH600303P	LFH600303S	_		10–22 AWG					
	1	_	LFH600601CID	_	_	_							
	'	_	LFH600601C	_	_	•	5.6 N-m (50 in-lbs) 2.8 N-m (25 in-lbs)		CU-AL	Stranded			
60	2		LFH600602CID	_	_	_		2–4 AWG			130 °C		LFH60060FBC
00			LFH600602C	_	_	•		6-14 AWG					LFHOUDOUFDC
	3	_	LFH600603CID	_	_	_							
	)	_	LFH600603C	_	_	•							
	1	LFH601001CID	_	_	_	_	13.6 N-m (120 in-lbs)	2/0-6 AWG	CU-AL PE	Solic	130 °C		
100	'	LFH601001C	_	_	_	•	4.5 N-m (40 in-lbs)	8 AWG					LFH60100FBC
100	3	LFH601003CID	_	_	_	_	, , , , , , , , , , , , , , , , , , , ,		CU-AL		130 6	_	LFHOUTUUFBC
	3	LFH601003C	_	_	_	•	4.0 N-m (35 in-lbs)	10–14 AWG					
200	1	LFH602001C	_	_	_		21.1 N m /275 in Iba)	2E0 komil 6	CLLAI		130 °C		
200	3	LFH602003C	_	_	_		31.1 N-III (2/3 III-IUS)	31.1 N-m (275 in-lbs) 250 kcmil-6 CU-AL		130 6		_	
400	1	LFH604001C	_	_	_		21.1 N = /27E in lha)	/2\ 2E0 komil 1/0	CLLAI		130 °C		
400	3	LFH604003C	_	_	_	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0	CU-AL		130 6	_	_
coo	1	LFH606001C	_	_	_		42.4 N = (27E in Iba)	(2) E00 kemil 4	CLLAL		130 °C		
600	3	LFH606003C	_	_	_		42.4 N-m (375 in-lbs)	(2) 500 kcmil-4	CU-AL		130 6		

Note: Reinforcing springs standard on all Class H fuse blocks.

<sup>\*</sup>Covers sold individually. One cover needed for each pole.



### **Ordering Information (Class R 250 V)**

9N	ORDERING NUMBER											_	
AMP RATING	POLES	BOX LUG HEX SCREW	BOX LUG SLOT SCREW	PRESSURE PLATE	SCREW	INDICATION	TORQUE	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	DIN RAIL	COVER ORDERING NUMBER *
	1	_	LFR250301C	LFR250301P	LFR250301S	_	2.8 N-m (25 in-lbs)	BOX LUG 6–14 AWG			125 °C	•	LFH25030FBC
30	2		LFR250302C	LFR250302P	LFR250302S	_		PRESSURE PLATE 10-14 AWG	CU only				
	3	_	LFR250303C	LFR250303P	LFR250303S	_		SCREW 10-22 AWG					
	1		LFR250601CID	_	_	•							
	L'	_	LFR250601C	_	_	_		2–4 AWG					
60	2		LFR250602CID	_	_	•	5.6 N-m (50 in-lbs)		2–4 AWG 6–14 AWG		125 °C		LFH25060FBC
00		1	LFR250602C	_	1	_	2.8 N-m (25 in-lbs)	6–14 AWG		Stranded			2111200001120
	3	_	LFR250603CID	_	_	•				Strai			
		_	LFR250603C	_	_	_				_			
	1	LFR251001CID	_	_	_	•	13.6 N-m (120 in-lbs)	2/0-6 AWG		Solid	130 °C		LFH25100FBC
100	_ '	LFR251001C	_	_		_	4.5 N-m (40 in-lbs) 4.0 N-m (35 in-lbs	8 AWG	CU-AL				
100	3	LFR251003CID	_	_		•		10–14 AWG			130 0		EI II Z J TOOI DO
	L J	LFR251003C	_	_				10-14 AVVG					
200	1	LFR252001C	_	_	_	_	31.1 N-m (275 in-lbs)	250 kcmil-6	CU-AL		130 °C		_
200	3	LFR252003C	_	_			31.1 14-111 (273 111-103)	ZOU KCIIIII-U	GU-AL		130 0		
400	1	LFR254001C	_	_			31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0	CU-AL		130 °C		_
400	3	LFR254003C	_	_			31.1 IN-III (2/3 III-IDS)	(2) 330 KCIIII-1/0	UU-AL		130 6		
600	1	LFR256001C		_			42.4 N-m (375 in-lbs)	(2) 500 kcmil-4	CU-AL		130 °C		_
UUd	3	LFR256003C	_	_	_		42.4 IN-M (3/5 IN-IDS)	(2) SUU KCMII-4	CU-AL		130 6		

Note: Reinforcing springs standard on all Class H fuse blocks. \*Covers sold individually. One cover needed for each pole.

### **Ordering Information (Class R 600 V)**

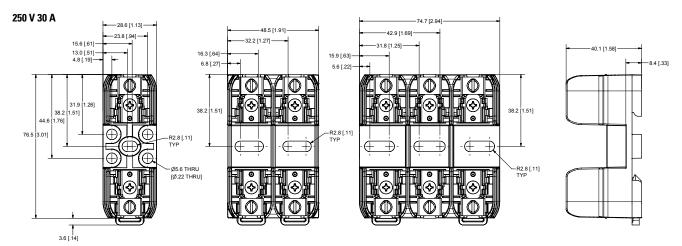
9N			ORDERING NU	MBER		NC			WIRE TYPE			DIN RAIL	COVER ORDERING NUMBER *
AMP RATING	POLES	BOX LUG HEX SCREW	BOX LUG SLOT SCREW	PRESSURE PLATE	SCREW	INDICATION	TORQUE	WIRE RANGE			BASE TEMP RATING		
	1	_	LFR600301CID	LFR600301PID	LFR600301SID	•		BOX LUG					
		_	LFR600301C	LFR600301P	LFR600301S	_		6–14 AWG			130 °C	•	
30	2	_	LFR600302CID	LFR600302PID	LFR600302SID	•	2.8 N-m (25 in-lbs)	PRESSURE PLATE	CU only				LFH60030FBC
30		_	LFR600302C	LFR600302P	LFR600302S	—	2.0 11-111 (23 111-105)	10–14 AWG	CO OIIIy				LITIOUUSUI DC
	3		LFR600303CID	LFR600303PID	LFR600303SID	•		SCREW					
	3	_	LFR600303C	LFR600303P	LFR600303S	_		10–22 AWG					
00	1	LFR600601CID-HX	LFR600601CID	_	_	•	5.6 N-m (50 in-lbs) 2.8 N-m (25 in-lbs)						
	L'	-	LFR600601C	_	_	_		2–4 AWG 6–14 AWG					
	2	LFR600602CID-HX	LFR600602CID	_	_	•			CU-AL	ped	130 °C		LEUCOCCEDO
60		-	LFR600602C	_	_	_					130 6	•	LFH60060FBC
	3	LFR600603CID-HX	LFR600603CID	_	_	•				Stranded			
		-	LFR600603C	_	_	_							
	1	LFR601001CID	_	_	_	•	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	CU-AL	Solid	130 °C		LFH60100FBC
100	'	LFR601001C	_	_	_	_							
100		LFR601003CID	_	_	_	•		8 AWG				-	
	3	LFR601003C	_	_	_	_		10–14 AWG					
200	1	LFR602001C	_	_	_		04.4 N (07E : Ib)	0E0 l:1 C	CLLAI		100 °C		
200	3	LFR602003C	_	_	_		31.1 N-m (2/5 in-lbs)	31.1 N-m (275 in-lbs) 250 kcmil-6 CU-AL		130 °C		_	
400	1	LFR604001C	_	_	_		04.4.N. /075 : 11.)	(0) 050   14 (0	011.41		400 %0		
400	3	LFR604003C	_	_	_		31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0	CU-AL		130 °C	_	_
000	1	LFR606001C	_	_	_		40.4 N (07F : II)	(2) 500 1 1 4	CU-AL		100 °C		
600	3	LFR606003C	_	_	_		42.4 N-m (375 in-lbs)	(2) 500 kcmil-4			130 °C		_

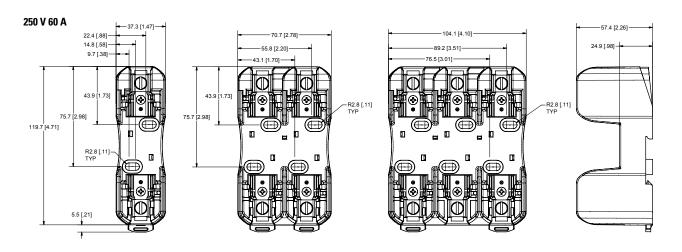
Note: Reinforcing springs standard on all Class H fuse blocks.

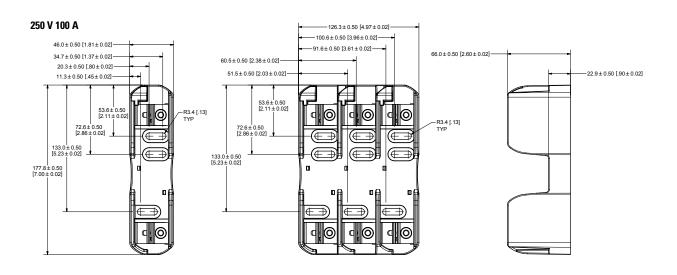
<sup>\*</sup>Covers sold individually. One cover needed for each pole.



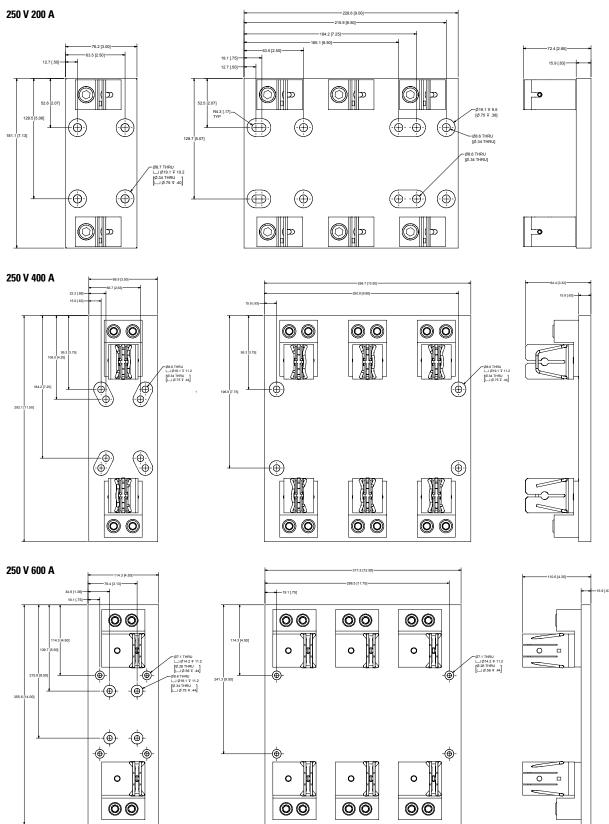
### **Dimensions millimeters (inches)**



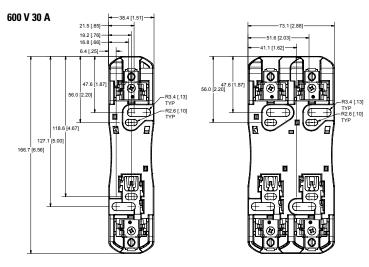


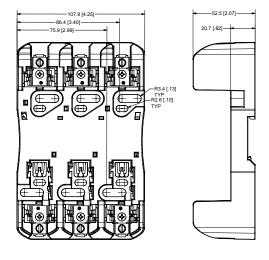


### **Dimensions millimeters (inches)**

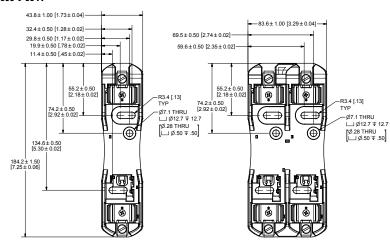


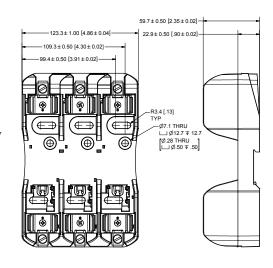
### **Dimensions millimeters (inches)**

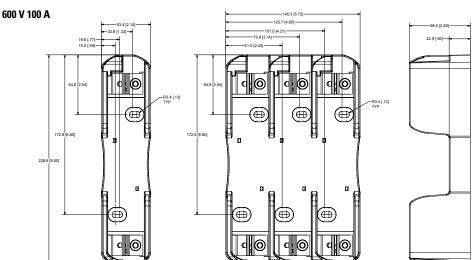




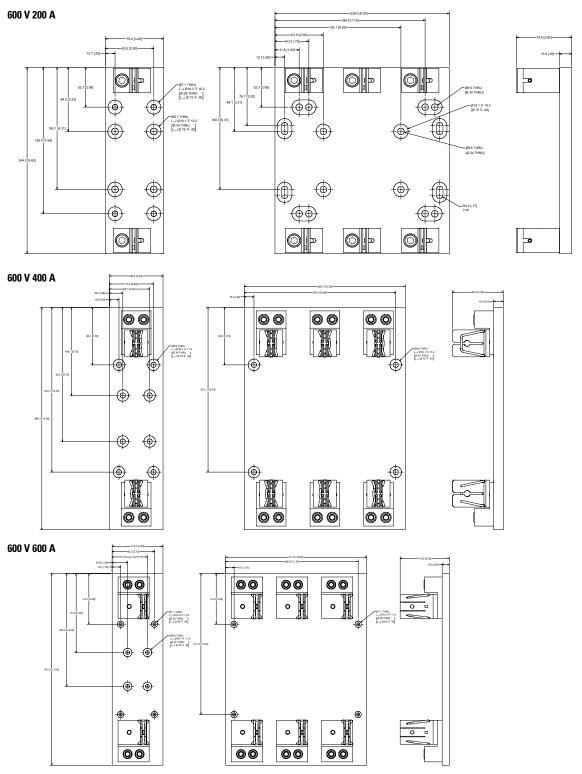
#### 600 V 60 A







### **Dimensions millimeters (inches)**



For additional product information, contact Littelfuse Technical Support at 1-800-TEC-FUSE or techline@littelfuse.com.

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