

LF SERIES CLASS H/K5 AND R FUSE BLOCKS

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 universal mounting holes. 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

- Universal mounting holes for easy replacement
- 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

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
Flammability Rating	UL94 V-0
Approvals	UL Listed (File: E14721) CSA Certified (File: LR7316)
Environmental	RoHS Compliant, Lead (Pb) Free

Web Resources

Sample requests, downloadable CAD drawings and other technical information: littelfuse.com/lfh
littelfuse.com/lfr

Recommended Fuses

Class H/K5 Blocks – 250 V

NLN

Class R Blocks – 250 V

FLNR/FLNR_ID, KLNK, LLNRK

Class H/K5 Blocks – 600 V

NLS

Class R Blocks – 600 V

FLSR/FLSR_ID, KLSR, LLSRK/LLSRK_ID, IDSR

Ordering Information (Class H 250 V)

AMP RATING	POLES	ORDERING NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	DIN RAIL	INDICATION	COVER ORDERING NUMBER*
		BASE PART NUMBER	SUFFIX											
			BOX LUG	PRESSURE PLATE	SCREW									
30	1	LFH250301	C	P	S	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only		125°C	●	—	LFH25030FBC
	2	LFH250302	C	P	S		P	10-14 AWG						
	3	LFH250303	C	P	S		S	10-22 AWG						
60	1	LFH250601	CID	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		CU-AL		125°C	●	●	LFH25060FBC
	2	LFH250602	CID	—	—		6-14 AWG							
	3	LFH250603	CID	—	—		2/0-6 AWG							
100	1	LFH251001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		CU-AL	Solid/ Stranded	130°C	—	●	LFH25100FBC
					8 AWG									
	3	LFH251003	CID	—	—		10-14 AWG							
200	1	LFH252001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL		130°C	—	—	—
	3	LFH252003	C	—	—									
400	1	LFH254001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL		130°C	—	—	—
	3	LFH254003	C	—	—									
600	1	LFH256001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL		130°C	—	—	—
	3	LFH256003	C	—	—									

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

LF SERIES CLASS H/K5 AND R FUSE BLOCKS

Ordering Information (Class H 600 V)

AMP RATING	POLES	ORDERING NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE	INDICATION	COVER ORDERING NUMBER
		BASE ORDERING NUMBER	SUFFIX											
			BOX LUG	PRESSURE PLATE	SCREW									
30	1	LFH600301	CID	PID	SID	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only		130°C	●	●	LFH60030FB
	2	LFH600302	CID	PID	SID		P	10-14 AWG						
	3	LFH600303	CID	PID	SID		S	10-22 AWG						
60	1	LFH600601	CID	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		CU-AL		130°C	●	●	LFH60060FB
	2	LFH600602	CID	—	—	2.8 N-m (25 in-lbs)	6-14AWG							
	3	LFH600603	CID	—	—									
100	1	LFH601001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6AWG		CU-AL	Solid/ Stranded	130°C	—	●	LFH60100FB
					4.5 N-m (40 in-lbs)	8 AWG								
	3	LFH601003	CID	—	—	4.0 N-m (35 in-lbs)	10-14 AWG							
200	1	LFH602001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL		130°C	—	—	—
	3	LFH602003	C	—	—									
400	1	LFH604001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL		130°C	—	—	—
	3	LFH604003	C	—	—									
600	1	LFH606001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL		130°C	—	—	—
	3	LFH606003	C	—	—									

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

Ordering Information (Class R 250 V)

AMP RATING	POLES	ORDERING NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE	INDICATION	COVER ORDERING NUMBER
		BASE ORDERING NUMBER	SUFFIX											
			BOX LUG	PRESSURE PLATE	SCREW									
30	1	LFR250301	C	P	S	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only		125°C	●	—	LFH25030FBC
	2	LFR250302	C	P	S		P	10-14 AWG						
	3	LFR250303	C	P	S		S	10-22 AWG						
60	1	LFR250601	CID	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		CU-AL		125°C	●	●	LFH25060FBC
	2	LFR250602	CID	—	—	2.8 N-m (25 in-lbs)	6-14 AWG							
	3	LFR250603	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG							
100	1	LFR251001	CID	—	—	4.5 N-m (40 in-lbs)	8 AWG		CU-AL	Solid/ Stranded	130°C	—	●	LFH25100FBC
	3	LFR251003	CID	—	—	4.0 N-m (35 in-lbs)	10-14 AWG							
	200	1	LFR252001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6						
	3	LFR252003	C	—	—									
400	1	LFR254001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL		130°C	—	—	—
	3	LFR254003	C	—	—									
600	1	LFR256001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL		130°C	—	—	—
	3	LFR256003	C	—	—									

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

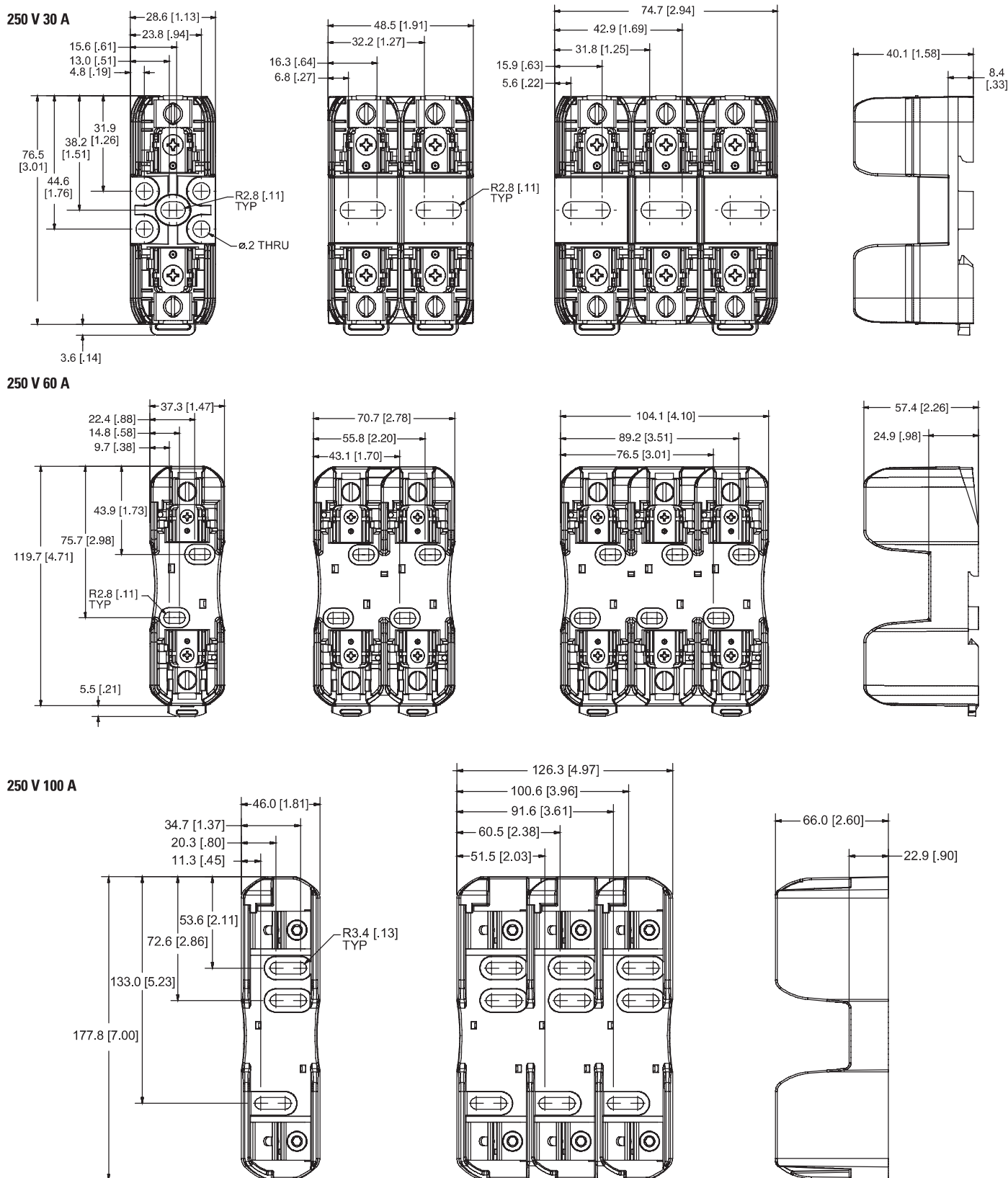
Ordering Information (Class R 600 V)

AMP RATING	POLES	ORDERING NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE		BASE TEMP RATING	SNAP TO RELEASE	INDICATION	COVER ORDERING NUMBER
		BASE ORDERING NUMBER	SUFFIX											
			BOX LUG	PRESSURE PLATE	SCREW									
30	1	LFR600301	CID	PID	SID	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only		130°C	●	●	LFH60030FBC
	2	LFR600302	CID	PID	SID		P	10-14 AWG						
	3	LFR600303	CID	PID	SID		S	10-22 AWG						
60	1	LFR600601	CID	—	—	5.6 N-m (50 in-lbs)	2-4 AWG		CU-AL		130°C	●	●	LFH60060FBC
	2	LFR600602	CID	—	—	2.8 N-m (25 in-lbs)	6-14 AWG							
	3	LFR600603	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG							
100	1	LFR601001	CID	—	—	4.5 N-m (40 in-lbs)	8 AWG		CU-AL	Solid/ Stranded	130°C	—	●	LFH60100FBC
	3	LFR601003	CID	—	—	4.0 N-m (35 in-lbs)	10-14 AWG							
	1	LFR602001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6							
3	LFR602003	C	—	—										
400	1	LFR604001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL		130°C	—	—	—
	3	LFR604003	C	—	—									
600	1	LFR606001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL		130°C	—	—	—
	3	LFR606003	C	—	—									

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

CLASS H/K5 AND R FUSE BLOCKS

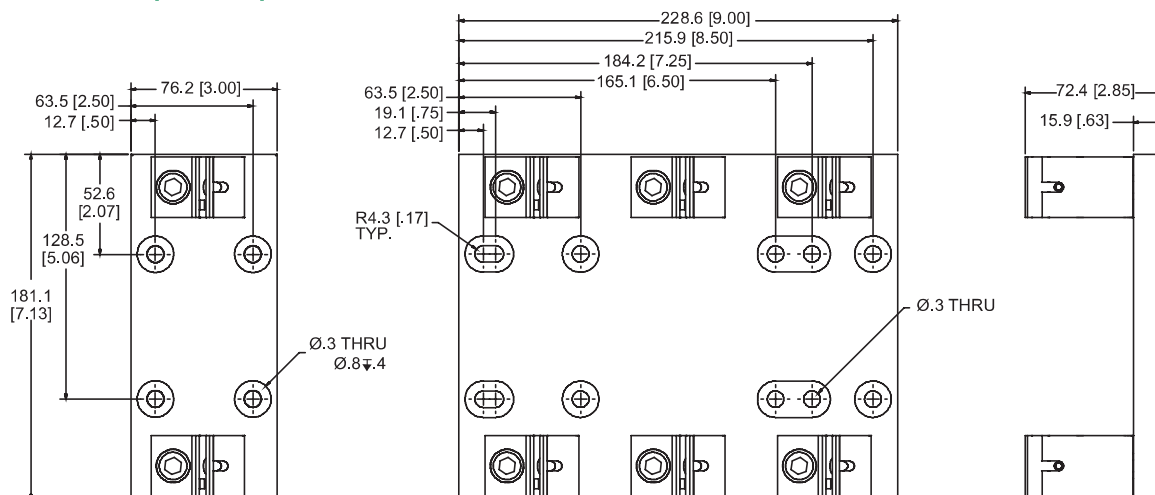
Dimensions mm (inches)



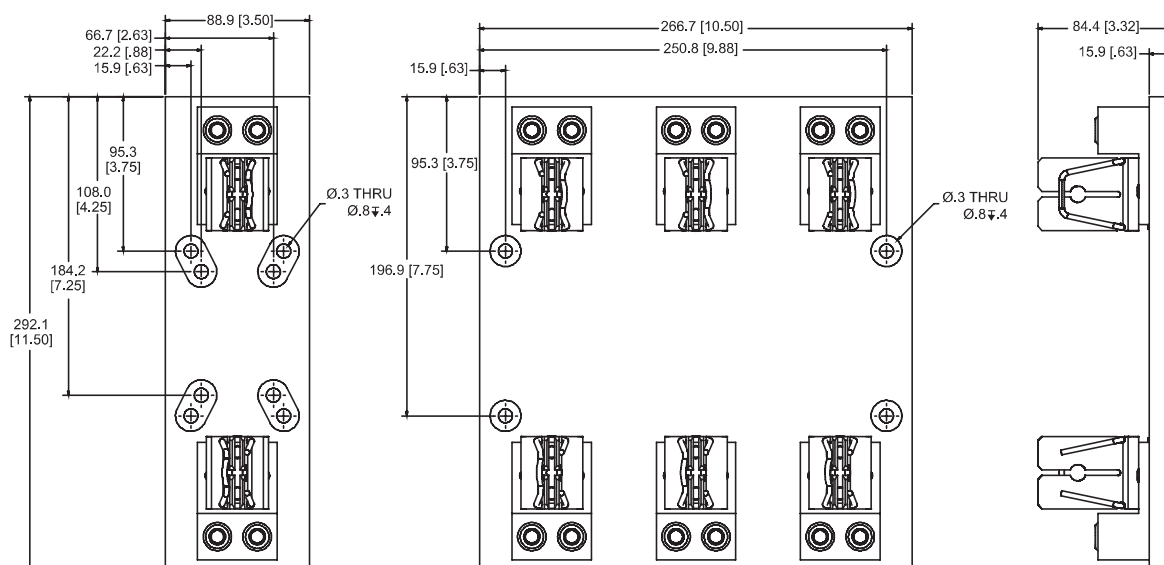
CLASS H/K5 AND R FUSE BLOCKS

Dimensions mm (inches)

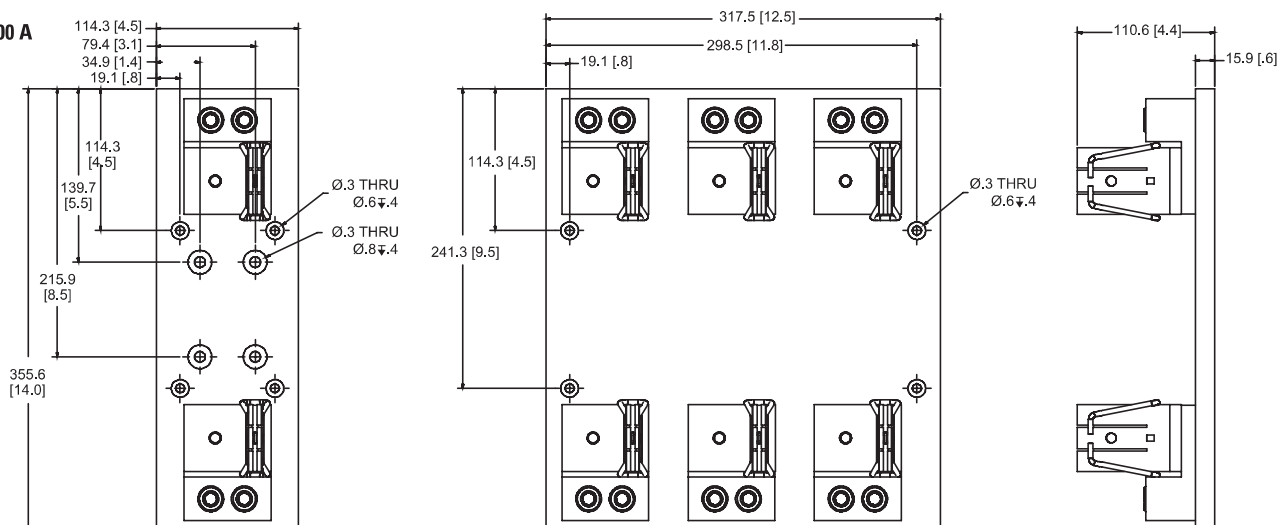
250 V 200 A



250 V 400 A

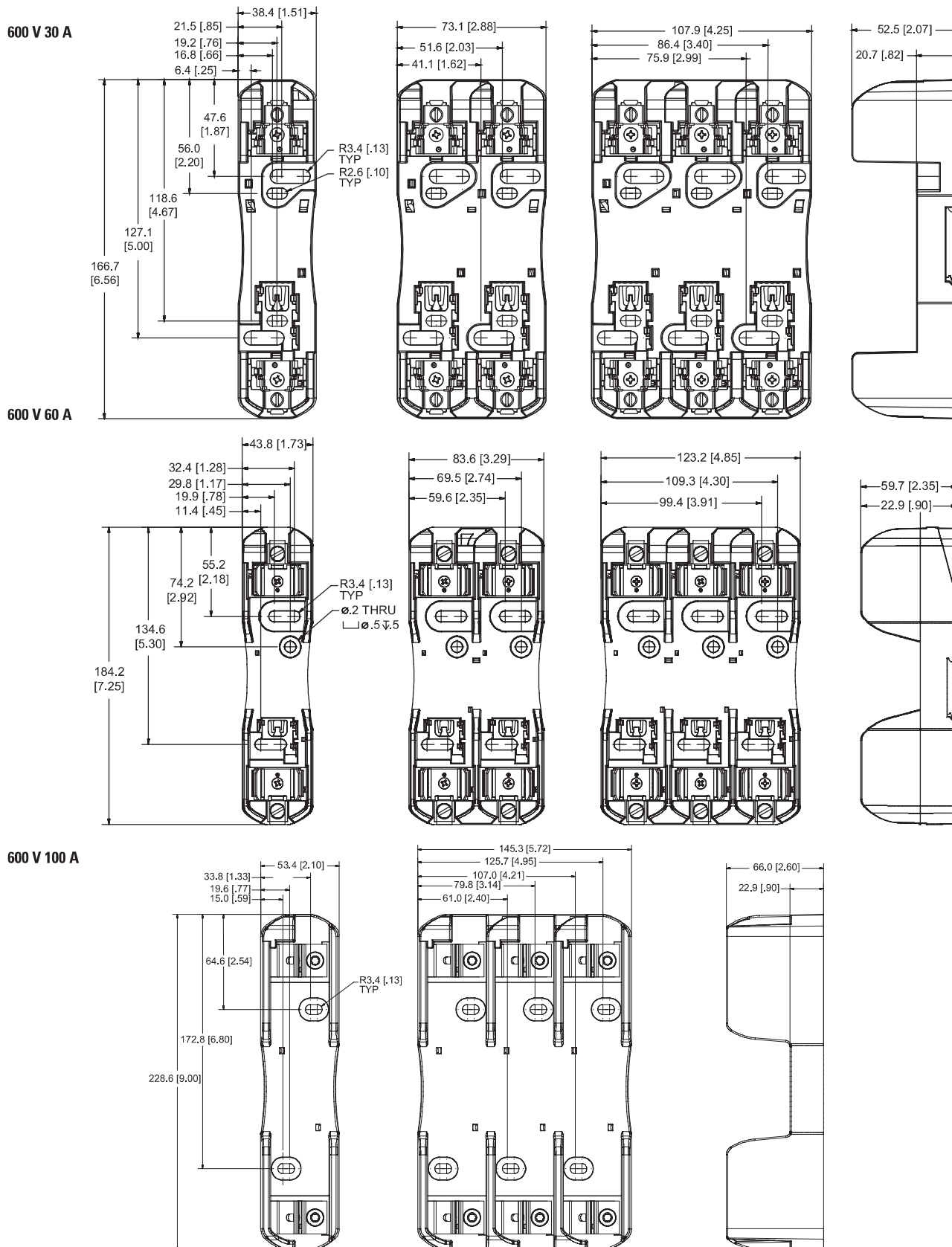


250 V 600 A



CLASS H/K5 AND R FUSE BLOCKS

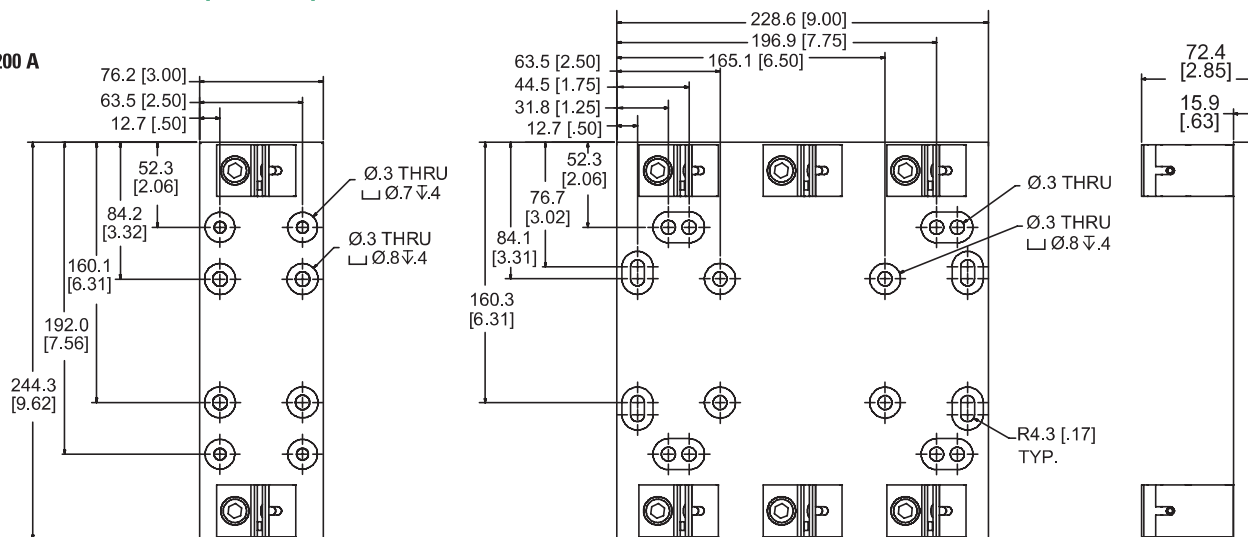
Dimensions mm (inches)



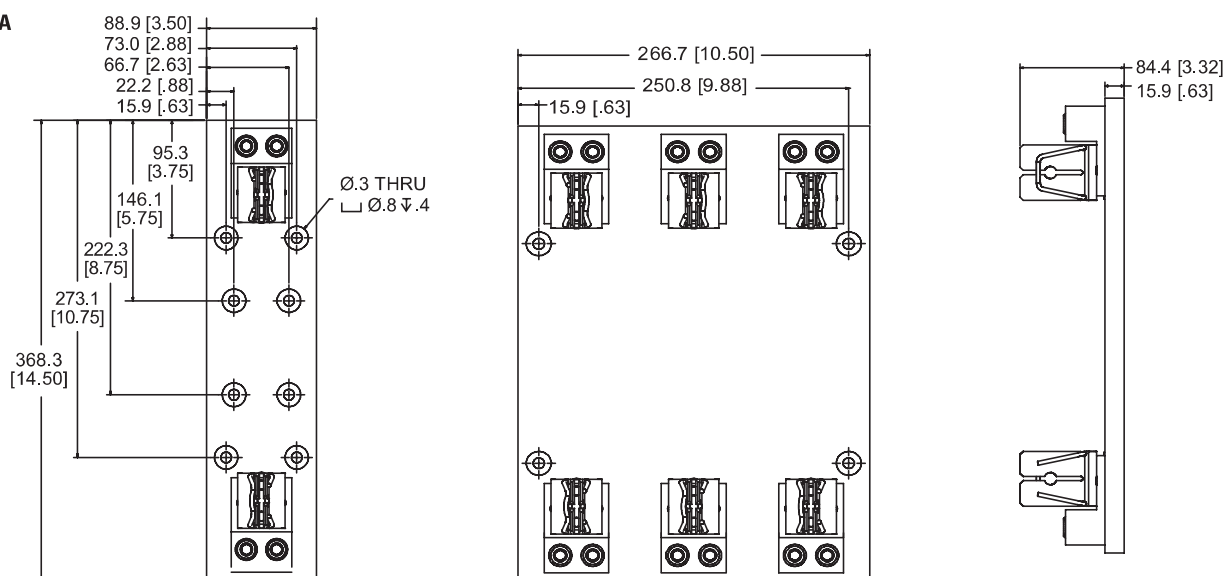
CLASS H/K5 AND R FUSE BLOCKS

Dimensions mm (inches)

600 V 200 A



600 V 400 A



600 V 600 A

