

## LF SERIES CLASS H/K5 AND R FUSE BLOCKS



### Description

The new Littelfuse Class H and R blocks offer many advantages over previous generations such as indication, 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.

This new line of fuse blocks has replaced the previous LH and LR Series blocks.

### 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 all non-knife blade style fuses
- Reinforced fuse clips are standard on all Class R fuse blocks and Class H fuse blocks
- Covers available for 100 A and lower to enhance safety

### Specifications

<b>Voltage Rating:</b>	250 V, 600 V
<b>Ampere Ratings:</b>	0 – 600 A
<b>Leakage Current:</b>	<0.6 mA at 600 V
<b>Flammability Rating:</b>	UL94 V-0
<b>Approvals:</b>	UL Listed (File No. E14721) CSA Certified (File No. LR73091)
<b>Environmental:</b>	RoHS Compliant, Lead (Pb) Free

### Recommended Fuses

<b>Class H/K5 Blocks – 250 V</b>	<b>Class H/K5 Blocks – 600 V</b>
NLN	NLS
RLN	RLS
<b>Class R Blocks – 250 V</b>	<b>Class R Blocks – 600 V</b>
FLNR/FLNR_ID	FLSR/FLSR_ID
KLNR	KLSR
LLNRK	LLSRK/LLSRK_ID
TLN	IDSR

### Web Resources

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

- <http://www.littelfuse.com/fuseblocks>
- <http://www.littelfuse.com/lfh>
- <http://www.littelfuse.com/lfr>

### Ordering Information (Class H 250 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	LFH250301	C	P	S	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only	Solid/ Stranded	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	Solid/ Stranded	125°C	•	•	LFH25060FBC
	2	LFH250602	CID	—	—	2.8 N-m (25 in-lbs)	6-14 AWG							
	3	LFH250603	CID	—	—									
100	1	LFH251001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		CU-AL	Solid/ Stranded	130°C	—	•	LFH25100FBC
	3	LFH251003	CID	—	—	4.5 N-m (40 in-lbs)	8 AWG							
						4.0 N-m (35 in-lbs)	10-14 AWG							
200	1	LFH252001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL	Solid/ Stranded	130°C	—	—	—
	3	LFH252003	C	—	—									
400	1	LFH254001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL	Solid/ Stranded	130°C	—	—	—
	3	LFH254003	C	—	—									
600	1	LFH256001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL	Solid/ Stranded	130°C	—	—	—
	3	LFH256003	C	—	—									

Note: Reinforcing springs are standard on all Class H fuseblocks.

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

## LF SERIES CLASS H/K5 AND R FUSE BLOCKS

### Class H 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 SYSTEM NUMBER	BOX LUG	SUFFIX PRESSURE PLATE	SCREW										
30	1	LFH600301	CID	PID	SID	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only	Solid/Stranded	130°C	•	•	LFH60030FBC	
	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	Solid/Stranded	130°C	•	•	LFH60060FBC	
	2	LFH600602	CID	—	—		2.8 N-m (25 in-lbs)	6-14AWG							
	3	LFH600603	CID	—	—			2/0-6AWG							
100	1	LFH601001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6AWG		CU-AL	Solid/Stranded	130°C	—	•	LFH60100FBC	
	3	LFH601003	CID	—	—		4.5 N-m (40 in-lbs)								8 AWG
							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	Solid/Stranded	130°C	—	—	—	
	3	LFH602003	C	—	—										
400	1	LFH604001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL	Solid/Stranded	130°C	—	—	—	
	3	LFH604003	C	—	—										
600	1	LFH606001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL	Solid/Stranded	130°C	—	—	—	
	3	LFH606003	C	—	—										

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

### Class R 250 V

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

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

### Class R 600 V

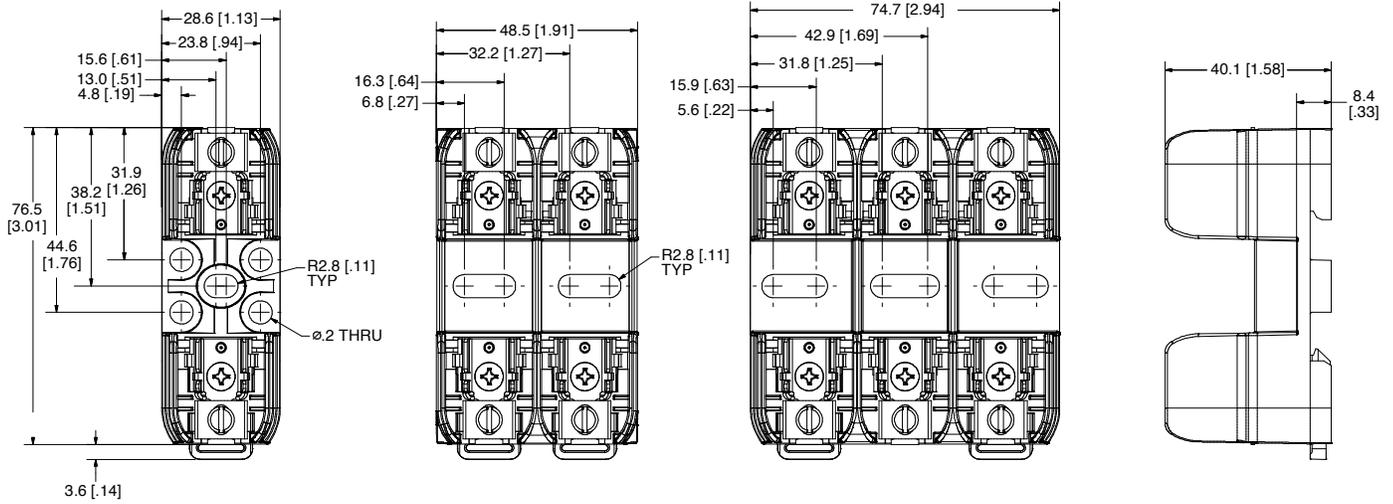
AMP RATING	POLES	CATALOG/SYSTEM NUMBER				TORQUE	TERMINAL	WIRE RANGE	WIRE TYPE	BASE TEMP RATING	DIN RAIL MOUNT	INDICATION	COVER ORDERING NUMBER*		
		BASE SYSTEM NUMBER	BOX LUG	SUFFIX PRESSURE PLATE	SCREW										
30	1	LFR600301	CID	PID	SID	2.8 N-m (25 in-lbs)	C	6-14 AWG	CU Only	Solid/Stranded	130°C	•	•	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	Solid/Stranded	130°C	•	•	LFH60060FBC	
	2	LFR600602	CID	—	—		2.8 N-m (25 in-lbs)	6-14 AWG							
	3	LFR600603	CID	—	—										
100	1	LFR601001	CID	—	—	13.6 N-m (120 in-lbs)	2/0-6 AWG		CU-AL	Solid/Stranded	130°C	—	•	LFH60100FBC	
	3	LFR601003	CID	—	—		4.5 N-m (40 in-lbs)								8 AWG
							4.0 N-m (35 in-lbs)								10-14 AWG
200	1	LFR602001	C	—	—	31.1 N-m (275 in-lbs)	250 kcmil-6		CU-AL	Solid/Stranded	130°C	—	—	—	
	3	LFR602003	C	—	—										
400	1	LFR604001	C	—	—	31.1 N-m (275 in-lbs)	(2) 350 kcmil-1/0		CU-AL	Solid/Stranded	130°C	—	—	—	
	3	LFR604003	C	—	—										
600	1	LFR606001	C	—	—	42.4 N-m (375 in-lbs)	(2) 500 kcmil-4		CU-AL	Solid/Stranded	130°C	—	—	—	
	3	LFR606003	C	—	—										

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

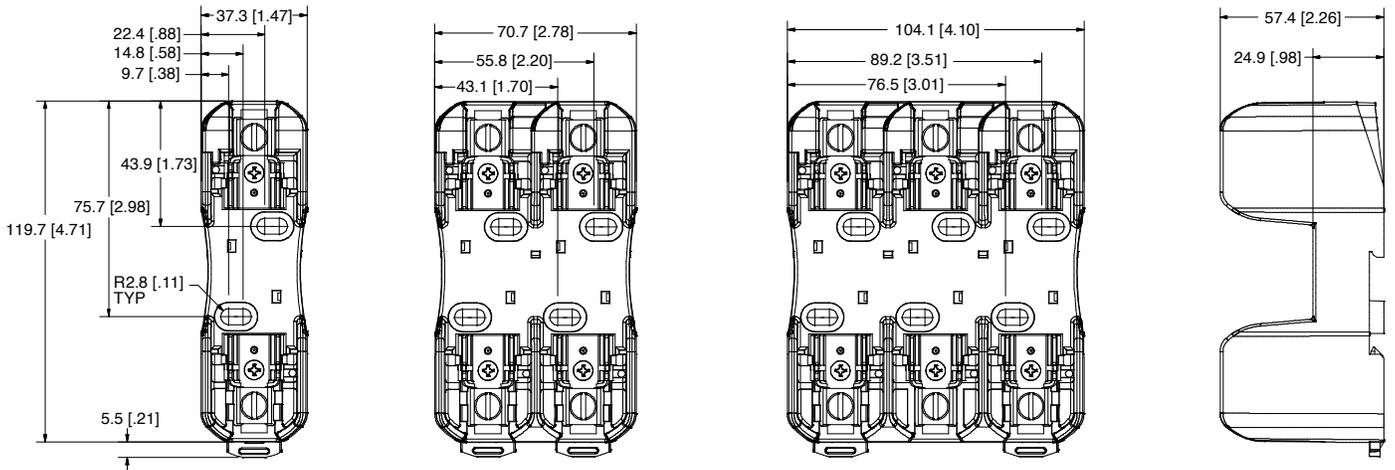
# LF SERIES CLASS H/K5 AND R FUSE BLOCKS

## Dimensions in mm (inches)

### 250 V 30 A



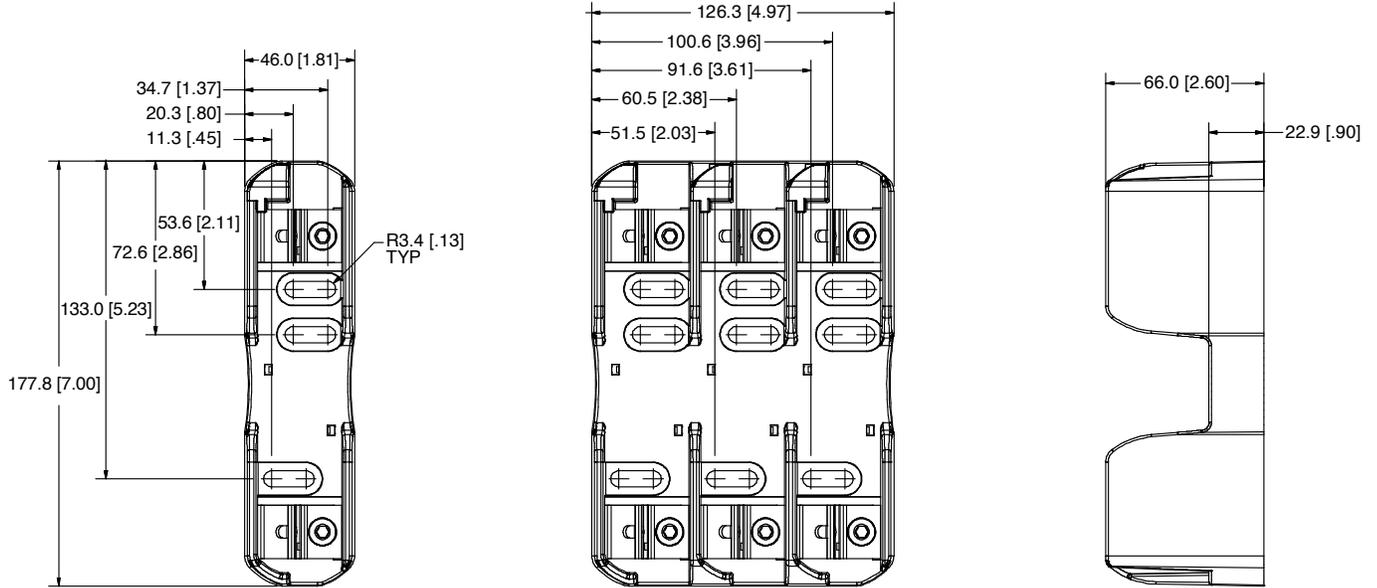
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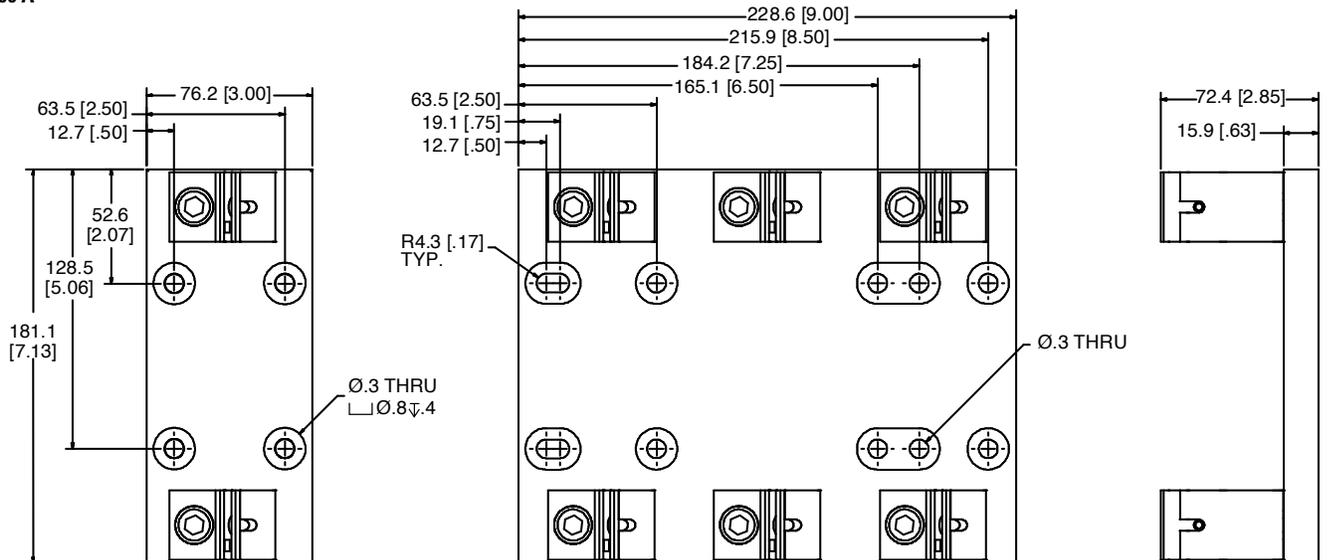
# LF SERIES CLASS H/K5 AND R FUSE BLOCKS

## Dimensions in mm (inches)

### 250 V 100 A



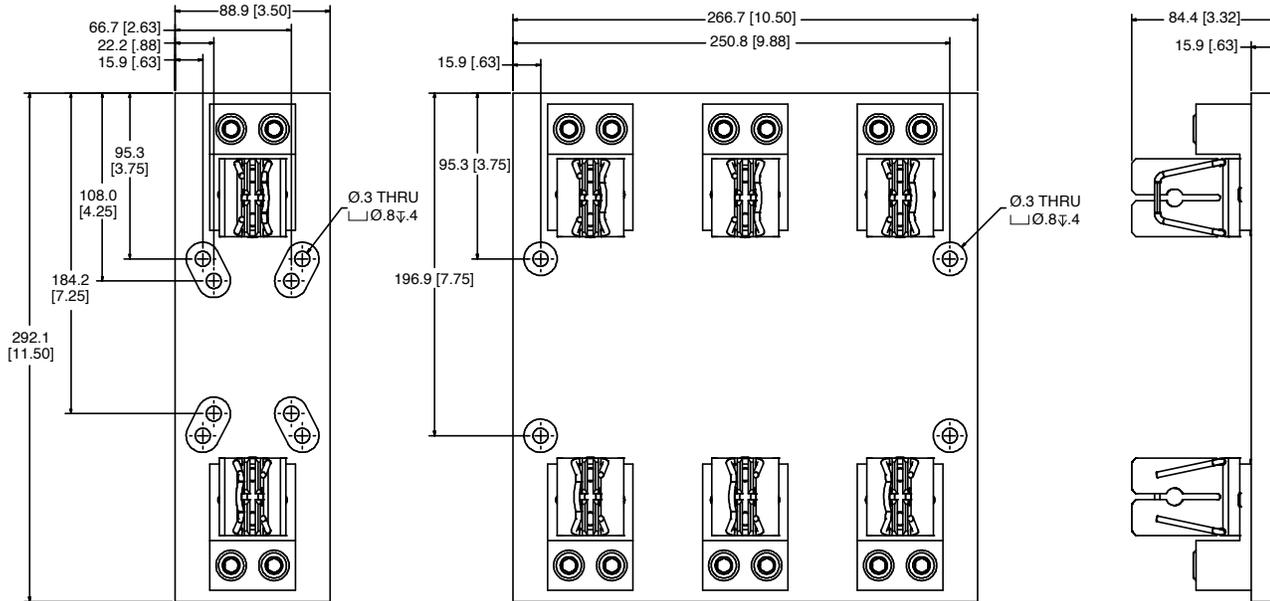
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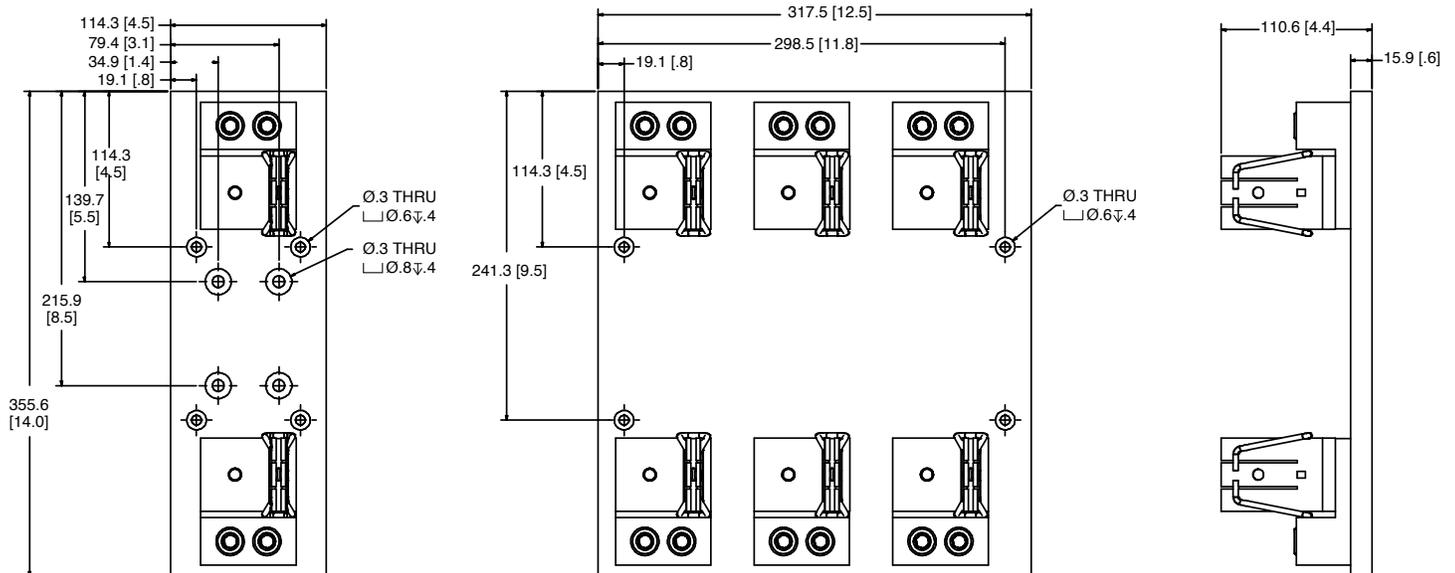
# LF SERIES CLASS H/K5 AND R FUSE BLOCKS

## Dimensions in mm (inches)

### 250 V 400 A



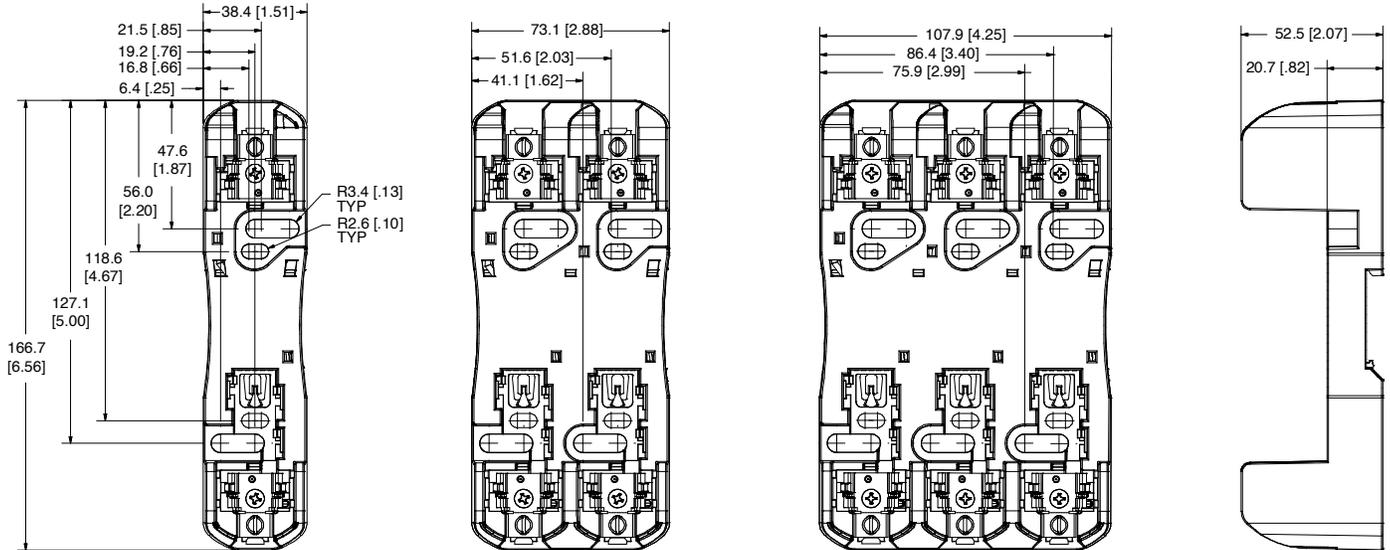
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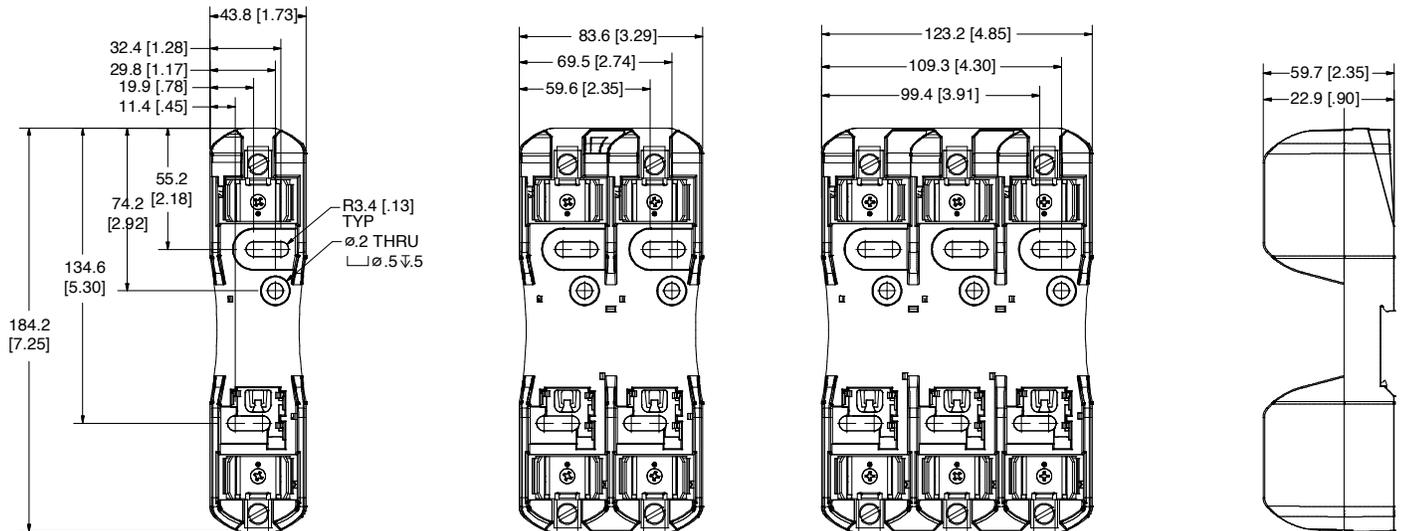
## LF SERIES CLASS H/K5 AND R FUSE BLOCKS

### Dimensions in mm (inches)

#### 600 V 30 A



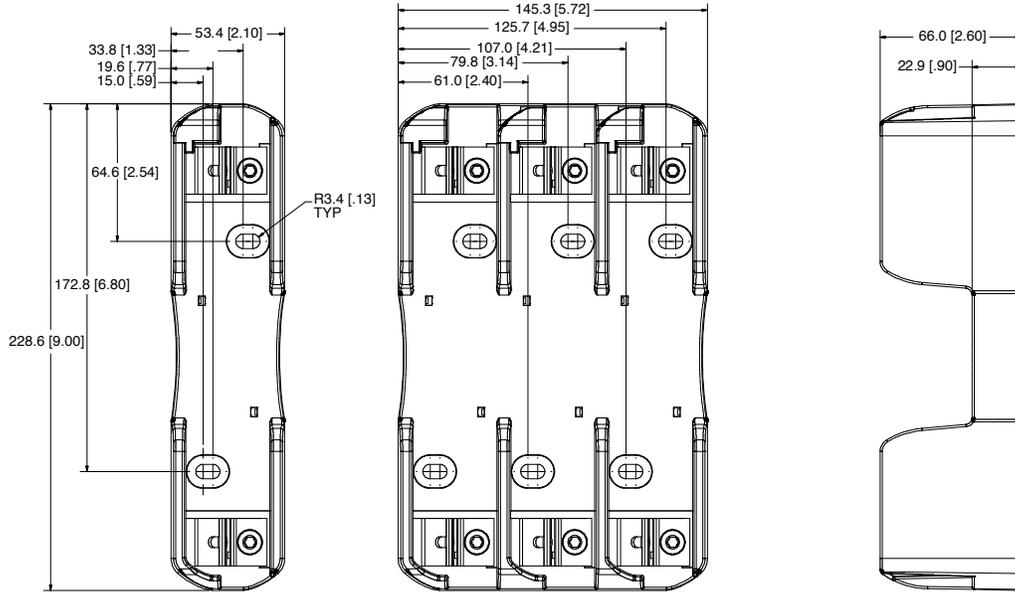
#### 600 V 60 A



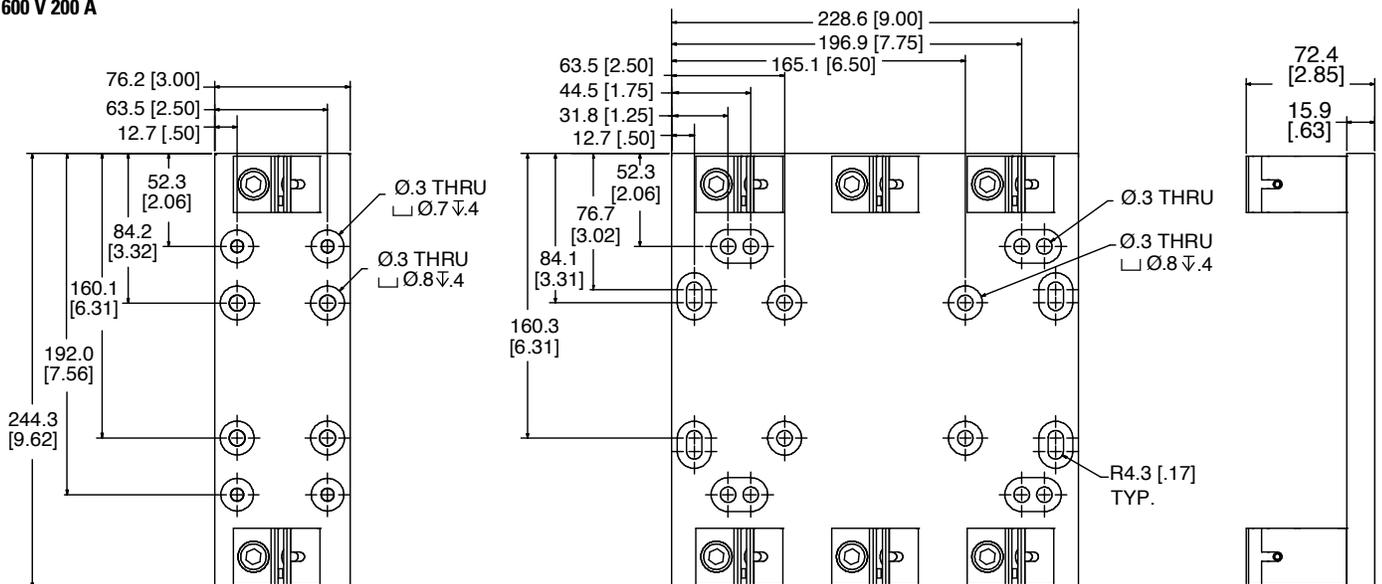
# LF SERIES CLASS H/K5 AND R FUSE BLOCKS

## Dimensions in mm (inches)

### 600 V 100 A



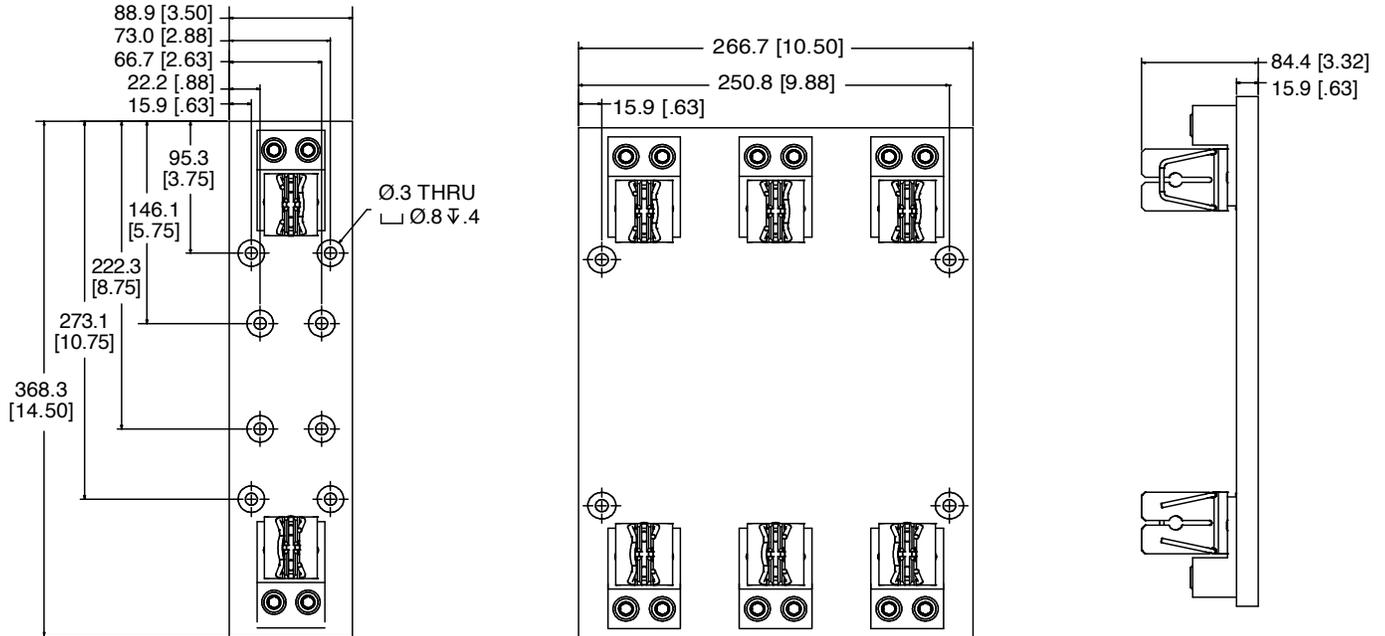
### 600 V 200 A



## LF SERIES CLASS H/K5 AND R FUSE BLOCKS

### Dimensions in mm (inches)

#### 600 V 400 A



#### 600 V 600 A

