

# LF SERIES CLASS J FUSE BLOCKS

600 V



## 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

## Specifications

|                            |                                                          |
|----------------------------|----------------------------------------------------------|
| <b>Voltage Ratings</b>     | 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: E14721)<br>CSA Certified (File: LR7316) |
| <b>Environmental</b>       | 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 fuse holders:  
[Littelfuse.com/lfpsj](http://Littelfuse.com/lfpsj)

## Web Resources

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

[Littelfuse.com/fuseblocks](http://Littelfuse.com/fuseblocks)  
[Littelfuse.com/lfj](http://Littelfuse.com/lfj)

## Ordering Information (Class J 600 V)

| AMP RATING | POLES | ORDERING NUMBER  |                 |                |       | TORQUE                | TERMINAL          | WIRE RANGE | WIRE TYPE | BASE TEMP RATING | DIN RAIL | INDICATION | COVER ORDERING NUMBER* |
|------------|-------|------------------|-----------------|----------------|-------|-----------------------|-------------------|------------|-----------|------------------|----------|------------|------------------------|
|            |       | BASE PART NUMBER | TERMINAL 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   | 125°C            | ●        | ●          | LFJ60030FB             |
|            | 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     | 125°C            | ●        | ●          | LFJ60060FB             |
|            | 2     | LFJ600602        | CID             | —              | —     | 2.8 N-m (25 in-lbs)   | 6-14 AWG          |            |           |                  |          |            |                        |
|            | 3     | LFJ600603        | CID             | —              | —     |                       | 6-14 AWG          |            |           |                  |          |            |                        |
| 100        | 1     | LFJ601001        | CID             | —              | —     | 13.6 N-m (120 in-lbs) | 2/0-6 AWG         |            | CU-AL     | 130°C            | —        | ●          | LFJ60100FB             |
|            | 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     | 130°C            | —        | —          | —                      |
|            | 3     | LFJ602003        | C               | —              | —     |                       | 250 kcmil-6       |            |           |                  |          |            |                        |
| 400        | 1     | LFJ604001        | C               | —              | —     | 31.1 N-m (275 in-lbs) | (2) 350 kcmil-1/0 |            | CU-AL     | 130°C            | —        | —          | —                      |
|            | 3     | LFJ604003        | C               | —              | —     |                       | (2) 350 kcmil-1/0 |            |           |                  |          |            |                        |
| 600        | 1     | LFJ606001        | C               | —              | —     | 42.4 N-m (375 in-lbs) | (2) 500 kcmil-4   |            | CU-AL     | 130°C            | —        | —          | —                      |
|            | 3     | LFJ606003        | C               | —              | —     |                       | (2) 500 kcmil-4   |            |           |                  |          |            |                        |

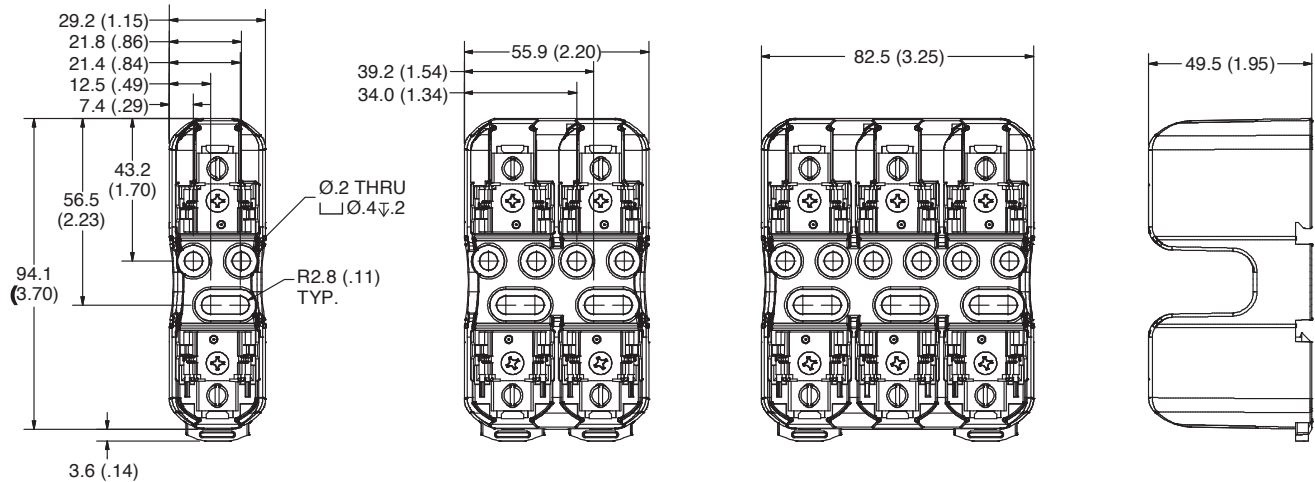
Note: Reinforcing springs standard on all Class J fuse blocks.

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

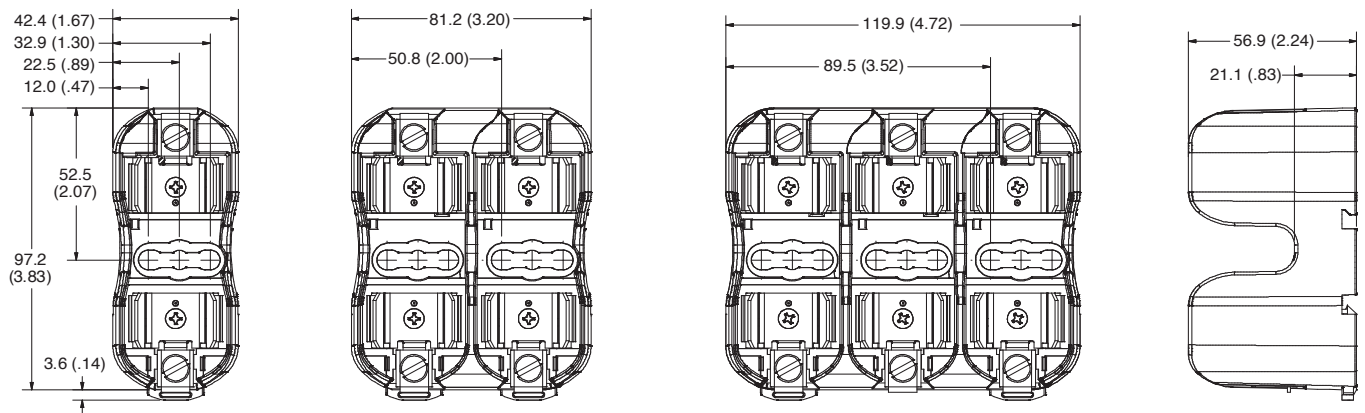
## LF SERIES CLASS J FUSE BLOCKS

### Dimensions mm (inches)

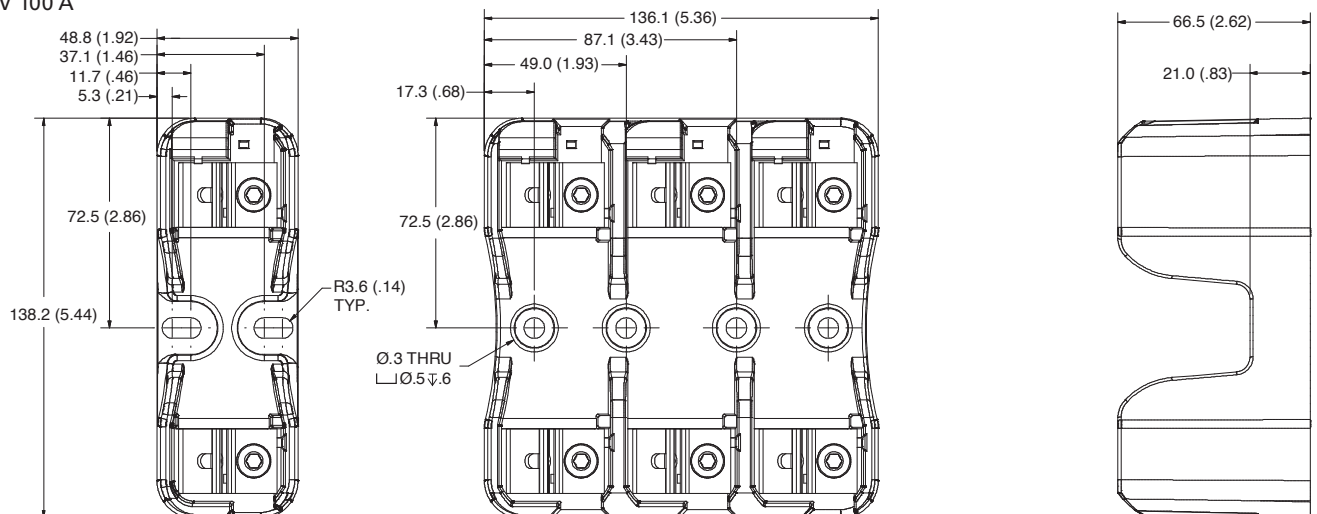
#### 600 V 30 A



#### 600 V 60 A



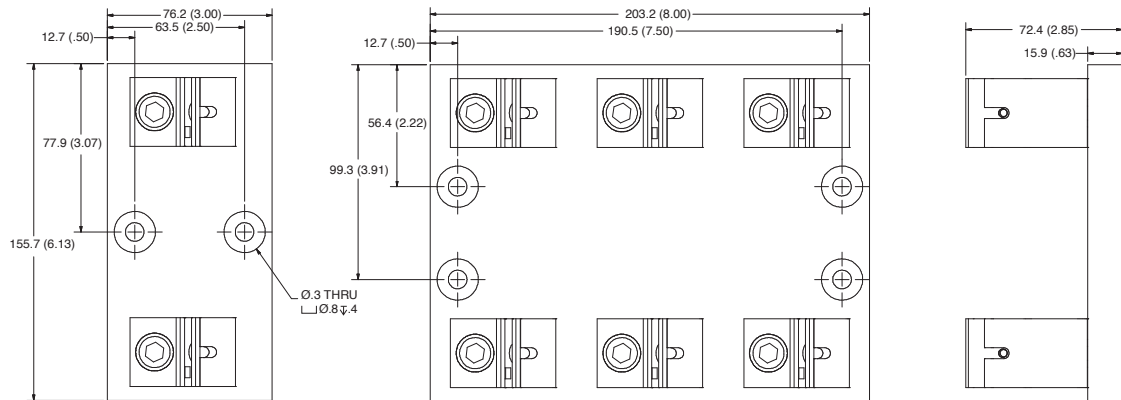
#### 600 V 100 A



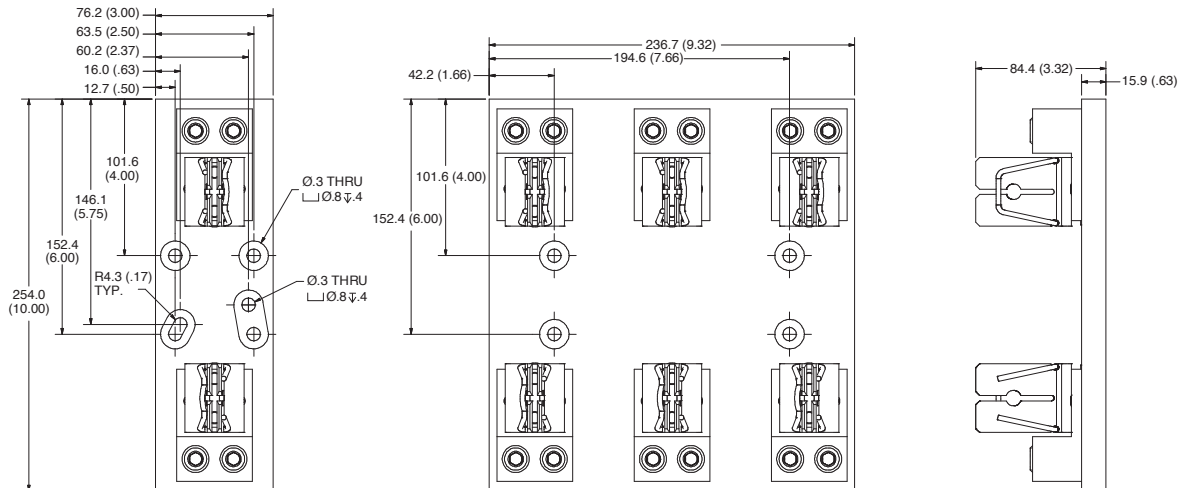
## LF SERIES CLASS J FUSE BLOCKS

### Dimensions mm (inches)

#### 600 V 200 A



#### 600 V 400 A



#### 600 V 600 A

