

# LF SERIES CLASS CC/CD AND MIDGET (10x38 mm) FUSE BLOCKS

600 V



## Description

The Littelfuse Class CC, CD and midget blocks offer generous space savings and enhanced value. DIN-rail mounting and universal mounting holes are available as well as an indication feature on all Class CD fuse blocks.

## Features/Benefits

- Space-saving design
- Universal mounting holes for easy replacement
- Indication offered on CD blocks
- One hand release from DIN rail optional
- Rejection feature that prevents the insertion of fuses with lower interrupting rating or voltage ratings
- Clip design reduces resistance and heat
- Non DIN-rail fuse blocks have interlocking feature allowing ganging for any number of poles
- Covers available for all amperages to enhance safety

## Specifications

|                                |                                                                                                                                                                                                                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Voltage Rating</b>          | 600 V ac/dc                                                                                                                                                                                                                                                                     |
| <b>Ampere Ratings</b>          | L600M Midget (10x38): 30 A<br>L600C Class CC: 30 A<br>LFC Class CD: 60 A<br>L600CM Class CC & Midget: 30 A                                                                                                                                                                      |
| <b>Dielectric strength</b>     | 1200 V minimum                                                                                                                                                                                                                                                                  |
| <b>Materials</b>               | Clip/terminals: Tin-plated copper alloy<br>Box lug: Copper<br>Screw & captive pressure plate: Zinc-plated steel<br>Base: Thermoplastic<br>UL94 V-0 flammability rating                                                                                                          |
| <b>Withstand Rating (SCCR)</b> | L60030C: 200 kA<br>L60030M: 10 kA, 20 kA or 100 kA based on the Midget fuse used<br>LFC600: 200 kA                                                                                                                                                                              |
| <b>Approvals</b>               | L600M: UL Recognized (File: E14721)<br>CSA Certified (File: LR7316)<br>L600C: UL Listed (File: E14721)<br>CSA Certified (File: LR7316)<br>LFC: UL Listed (File: E14721)<br>CSA Certified (File: LR7316)<br>L600CM: UL Recognized (File: E14721)<br>CSA Certified (File: LR7316) |
| <b>Environmental</b>           | RoHS Compliant, Lead (Pb) Free                                                                                                                                                                                                                                                  |

## Recommended Fuses

|                         |                                                   |
|-------------------------|---------------------------------------------------|
| <b>Class CC Blocks:</b> | CCMR, KLDR, KLKR                                  |
| <b>Class CM Block:</b>  | Fuses same as CC & Midget Blocks                  |
| <b>Class CD Blocks:</b> | CCMR                                              |
| <b>Midget Blocks:</b>   | BLF, BLN, BLS, FLA, FLM, FLO, FLU, KLK, KLKD, KLO |

## Web Resources

Sample requests and technical downloads:  
[Littelfuse.com/fuseblocks](http://Littelfuse.com/fuseblocks)

## Ordering Information (L600C Class CC and L600M Midget 30 A)

| AMP RATING | POLES | CLASS CC ORDERING NUMBER |                | MIDGET ORDERING NUMBER |                | CONNECTOR TYPE                 | TORQUE              | WIRE RANGE | WIRE TYPE        | BASE TEMP | COVER ORDERING NUMBER <sup>†</sup> |
|------------|-------|--------------------------|----------------|------------------------|----------------|--------------------------------|---------------------|------------|------------------|-----------|------------------------------------|
|            |       | NON-DIN*                 | DINR           | NON-DIN*               | DINR           |                                |                     |            |                  |           |                                    |
| 30         | 1     | L60030C1C                | L60030C1CDINR  | L60030M1C              | L60030M1CDINR  | Box Lug                        | 4.0 N-m (35 in-lbs) | 6-14 AWG   | CU Only          | 125 °C    | SPL001                             |
|            | 2     | L60030C2C                | L60030C2CDINR  | L60030M2C              | L60030M2CDINR  |                                |                     |            |                  |           |                                    |
|            | 3     | L60030C3C                | L60030C3CDINR  | L60030M3C              | L60030M3CDINR  |                                |                     |            |                  |           |                                    |
| 30         | 1     | L60030C1PQ               | L60030C1PQDINR | L60030M1PQ             | L60030M1PQDINR | Pressure Plate w/Q.C. Terminal | 2.3 N-m (20 in-lbs) | 10-14 AWG  | Solid / Stranded | 125 °C    | SPL001                             |
|            | 2     | L60030C2PQ               | L60030C2PQDINR | L60030M2PQ             | L60030M2PQDINR |                                |                     |            |                  |           |                                    |
|            | 3     | L60030C3PQ               | L60030C3PQDINR | L60030M3PQ             | L60030M3PQDINR |                                |                     |            |                  |           |                                    |
| 30         | 1     | L60030C1SQ               | L60030C1SQDINR | L60030M1SQ             | L60030M1SQDINR | Screw w/Q.C. Terminal          | 2.3 N-m (20 in-lbs) | 10-14 AWG  |                  | 125 °C    | SPL001                             |
|            | 2     | L60030C2SQ               | L60030C2SQDINR | L60030M2SQ             | L60030M2SQDINR |                                |                     |            |                  |           |                                    |
|            | 3     | L60030C3SQ               | L60030C3SQDINR | L60030M3SQ             | L60030M3SQDINR |                                |                     |            |                  |           |                                    |

## Ordering Information (L600CM Class CC and Midget Combination 30 A)

| AMP RATING | POLES    |        | COMBINATION 2 CLASS CC / 1 MIDGET ORDERING NUMBER |      | CONNECTOR TYPE                 | TORQUE              | WIRE RANGE | WIRE TYPE                | BASE TEMP | COVER ORDERING NUMBER <sup>†</sup> |
|------------|----------|--------|---------------------------------------------------|------|--------------------------------|---------------------|------------|--------------------------|-----------|------------------------------------|
|            | CLASS CC | MIDGET | NON-DIN                                           | DINR |                                |                     |            |                          |           |                                    |
| 30         | 2        | 1      | L60030CM3PQ                                       | —    | Pressure Plate w/Q.C. Terminal | 2.3 N-m (20 in-lbs) | 10-14 AWG  | CU Only Solid / Stranded | 125 °C    | SPL001                             |

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

# LF SERIES CLASS CC/CD AND MIDGET (10x38 mm) FUSE BLOCKS

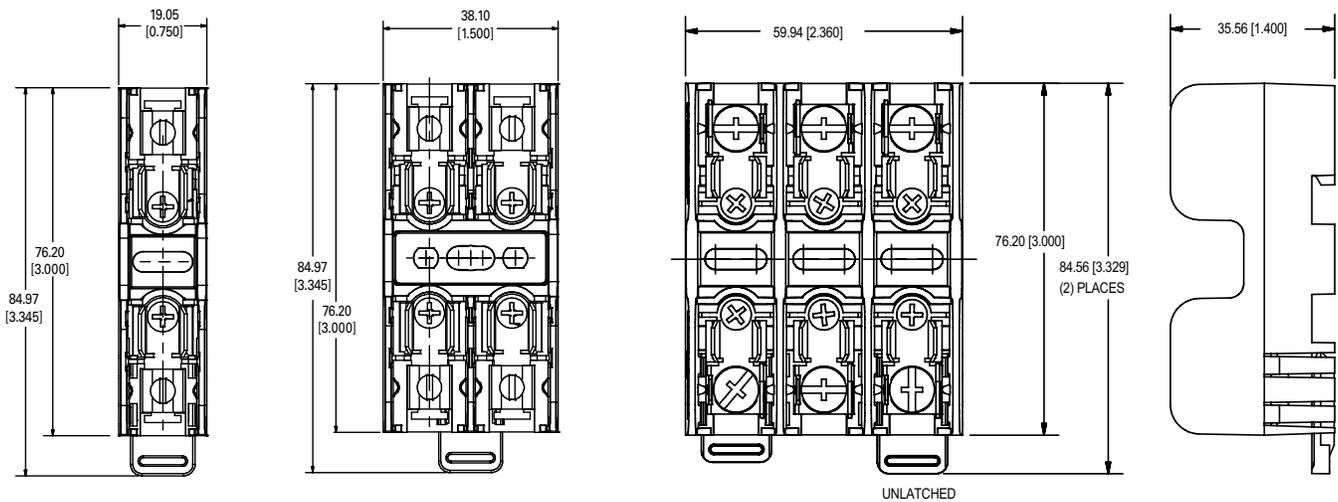
## Ordering Information (LFC Class CD 60 A)

| AMP RATING | POLES | ORDERING NUMBER | CONNECTOR TYPE | TORQUE              | WIRE RANGE | WIRE TYPE |                  | BASE TEMP RATING | DIN RAIL MOUNT | INDICATION | COVER ORDERING NUMBER* |
|------------|-------|-----------------|----------------|---------------------|------------|-----------|------------------|------------------|----------------|------------|------------------------|
| 60         | 1     | LFC600601CID    | Box Lug        | 5.6 N-m (50 in-lbs) | 2-4 AWG    | CU-AL     | Solid / Stranded | 125 °C           | •              | •          | LFC60060FBC            |
|            | 2     | LFC600602CID    |                | 2.8 N-m (25 in-lbs) | 6-14 AWG   |           |                  |                  |                |            |                        |
|            | 3     | LFC600603CID    |                |                     |            |           |                  |                  |                |            |                        |

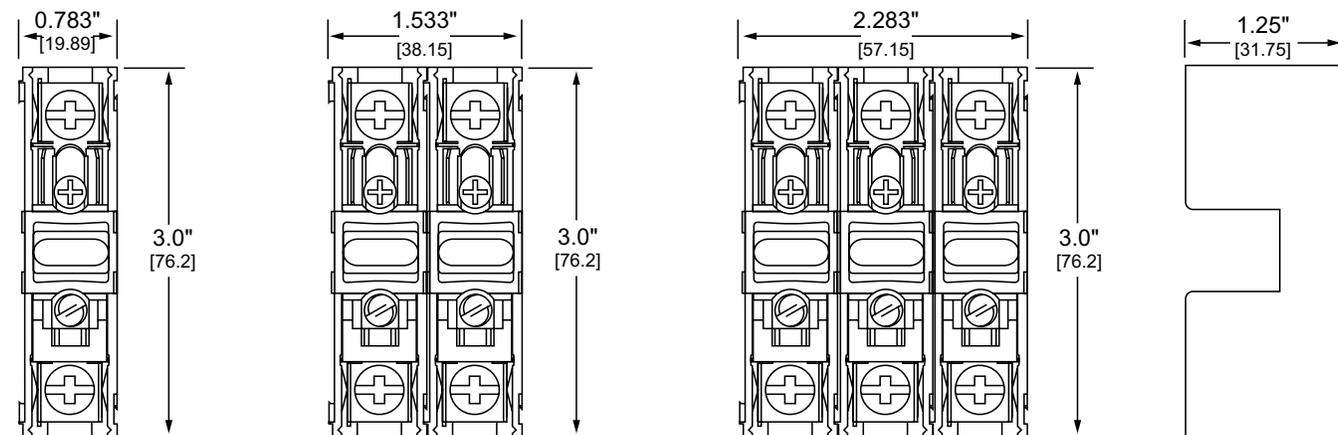
\* Gangable — † Covers sold individually. One cover needed for each pole.

## Dimensions mm (inches)

### L600M-DINR Midget and L600C-DINR Class CC 30 A



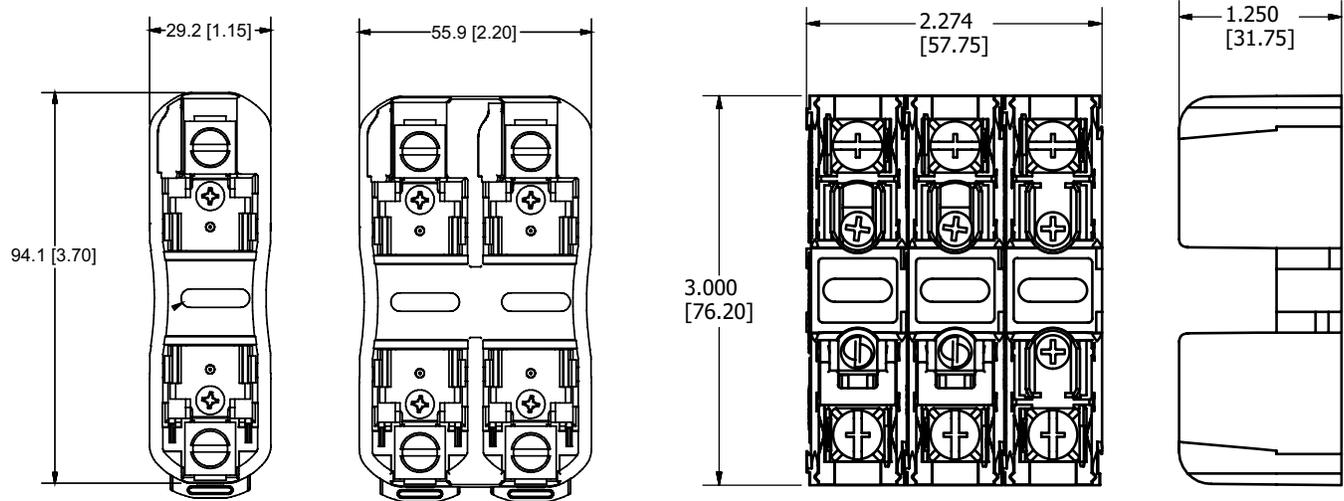
### L600M Midget, L600C Class CC and L600CM Combination 30 A



# LF SERIES CLASS CC/CD AND MIDGET (10x38 mm) FUSE BLOCKS

## Dimensions mm (inches)

LFC Class CD 60 A



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## Littelfuse:

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[L60030C3CDIN](#) [L60030C3PQDIN](#) [L60030C3SQDIN](#) [L60030M1CDIN](#) [L60030M1PQDIN](#) [L60030M1SQDIN](#)  
[L60030M2CDIN](#) [L60030M2PQDIN](#) [L60030M2SQDIN](#) [L60030M3CDIN](#) [L60030M3PQDIN](#) [L60030M3SQDIN](#)  
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[LFC600603CID](#) [LFC600601C](#) [LFC600602C](#) [LFC600603C](#) [LFC600601CID](#) [L60030CM3PQ](#)