

# Pre-Engineered Solutions Datasheet

## LFCP SERIES FUSED COORDINATION PANEL



### Selective Coordination Panel



### Description

The Littelfuse LFCP series fused coordination panel is a compact fusible and easily configurable pre-engineered panel for circuits requiring selective coordination. Rated up to 600 V ac, this coordination panel saves time and money, plus increases safety, by minimizing system downtime.

The advanced LFCP series is available with 200 kA SCCR rating using Class CC and J fuses and can be used on branch and feeder/service entrance circuits.

### Features/Benefits

- Meets NEC selective coordination code requirements
- Main lug only or main fused disconnect options available
- Class CC fuse holders have built-in open-circuit indication
- 35 A–200 A Class J fuses are available with open-circuit indication
- Uses standard disconnects and Class CC and J fuses
- Feed-through lugs available
- Neutral options are configurable for service entrance
- Ground options can be field isolated
- Copper bus standard
- Surface mount
- Available in standard 20" width enclosure for easy installation
- Door-in-door construction standard
- NEMA 1 indoor enclosure

### Additional Design Options

- 200 % neutral rating
- Spare fuse storage (holds 10 spare CC fuses)
- Surge protective device overvoltage protection

### Specifications

|                            |                           |
|----------------------------|---------------------------|
| <b>Voltage Ratings</b>     | 600 V ac or less*         |
| <b>Ampere Ratings</b>      | 60 A, 100 A and 200 A     |
| <b>Conductor Terminals</b> | See next page             |
| <b>UL Listed</b>           | UL 67 Enclosed Panelboard |
| <b>SCCR</b>                | 200 kA at 600 V ac        |

\* Suitable for 120/208, 277/480 and 600 V ac applications

### Applications

- Elevators
- Hospitals and medical centers
- Hotels
- Entertainment industry
- Amusement parks and stadiums
- Multi-unit residential constructions
- Schools

### Code Requirements

NEC requires that the following systems be selectively coordinated:

- Health Care Essential Electrical Systems (NEC 517.26)
- Elevators (NEC 620.62)
- Emergency Systems (NEC 700.32 in 2017)  
(NEC 700.28 in 2014)
- Legally Required Standby Systems (NEC 701.18)
- Critical Operations Power Systems (NEC 708.54)

### Web Resources

For more information, visit: [Littelfuse.com/LFCP](http://Littelfuse.com/LFCP)

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### Part Numbering System

LFCP6 FD 30 - 00 4 S B T = Littlefuse Catalog Number LFCP6FD30-004SBT

| LITTELFUSE PANEL CATALOG NUMBER |        | MAIN DEVICE      |      | TOTAL BRANCH CIRCUITS |      | 60 A BRANCH CIRCUITS (AVAILABLE IN 3 POLE ONLY) |      | PANEL VOLTAGE |      | SURGE PROTECTION |      | FEED           |       | BUSBAR PLATING       |       |
|---------------------------------|--------|------------------|------|-----------------------|------|-------------------------------------------------|------|---------------|------|------------------|------|----------------|-------|----------------------|-------|
| Required                        |        | Required         |      | Required              |      | Required                                        |      | Required      |      | Optional         |      | Optional       |       | Optional             |       |
| Catalog Number                  | Rating | Type             | Code | Quantity              | Code | Quantity                                        | Code | Type          | Code | Type             | Code | Type           | Code  | Type                 | Code  |
| LFCP6                           | 60 A   | Fused Disconnect | FD   | 18                    | 18   | 0                                               | 00   | 120/208 V*    | 2    | SPD2** Series    | S    | Top (Standard) | Blank | Un-plated (Standard) | Blank |
| LFCP1                           | 100 A  |                  |      | 24                    | 24   | 3                                               | 03   |               |      |                  |      |                |       |                      |       |
| LFCP2                           | 200 A  |                  |      | Main Lug Only         | ML   | 30                                              | 30   |               |      |                  |      | 6              | 06    | 277/480 V*           | 4     |
|                                 |        | 36               | 36   |                       |      | 9                                               | 09   | 12            | 12   |                  |      |                |       |                      |       |

\* Contact factory for 240 V single phase option.

\*\* Contact factory for SPD with neutral to ground protection.

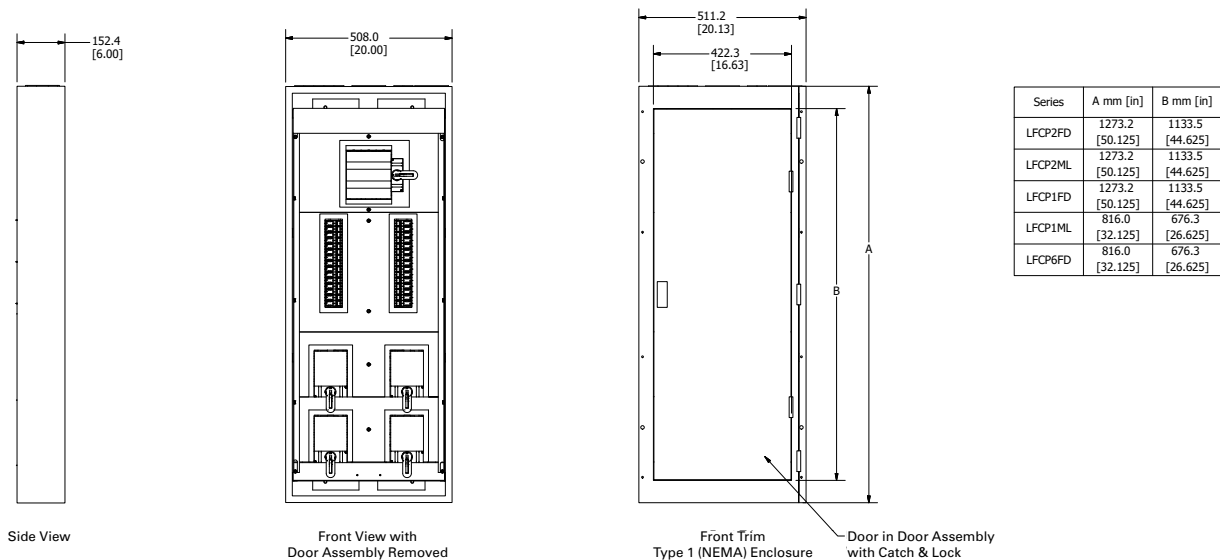
### Physical Characteristics

| ENCLOSURE SIZE | PANEL CIRCUIT    | "A" DIMENSIONAL HEIGHT | "B" DIMENSIONAL HEIGHT | TYPE(S)          | MAIN WIRE RANGE (AWG) | NEUTRAL WIRE RANGE (AWG)     | GROUND WIRE RANGE (AWG) | FEED-THROUGH WIRE RANGE (AWG) |
|----------------|------------------|------------------------|------------------------|------------------|-----------------------|------------------------------|-------------------------|-------------------------------|
| 20"Wx50"H      | 200 A            | 1273.2<br>[50.125]     | 1133.5<br>[44.625]     | MLO              | 6–300 kcmil           | 4–600 kcmil                  | 6–350 kcmil             | N/A                           |
|                | Fused Disconnect |                        |                        | 4–300 kcmil      | 4–600 kcmil           | 6–350 kcmil                  | 6–3/0                   |                               |
|                | 100 A            |                        |                        | Fused Disconnect | 14–2/0                | 6–350 kcmil                  | 6–350 kcmil             | 6–3/0                         |
| 20"Wx32"H      | 175 A            | 816.0<br>[32.125]      | 676.3<br>[26.625]      | MLO              | 6–3/0                 | 6–350 kcmil*<br>4–600 kcmil* | 6–350 kcmil             | N/A                           |
|                | 60 A             |                        |                        | Fused Disconnect | 14–4                  | 6–350 kcmil                  | 6–350 kcmil             | 6–3/0                         |

Note: 200 % neutral wire ranges are shown.

\* Dependent on specific panel amperage to provide 200 % rated neutral.

### Dimensions Millimeters (inches)



Warranty – Visit [www.littelfuse.com/warranty](http://www.littelfuse.com/warranty) for details.

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