



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

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

Pre-Engineered Solutions Datasheet

LFCP SERIES FUSED COORDINATION PANEL

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 | | | Bottom | B | Tin Silver | T A |
| | | | | 36 | 36 | 9 | 09 | | | | | | | | |
| | | | | 42 | 42 | 12 | 12 | | | | | | | | |

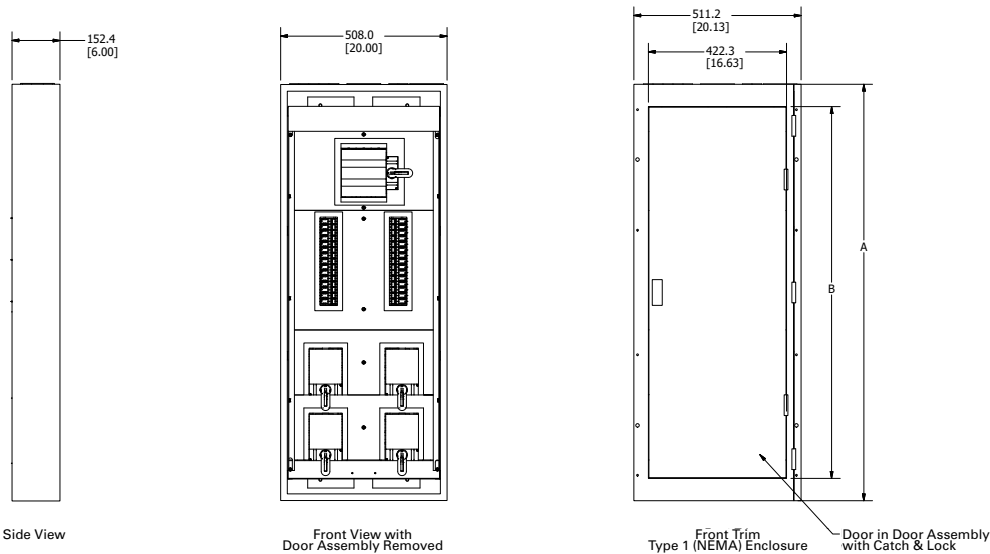
Physical Characteristics

| 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 [50.125] | 1133.5 [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 |
| | Fused Disconnect | | | 14-2/0 | 6-350 kcmil | 6-350 kcmil | 6-3/0 | |
| 20"Wx32"H | 175 A | 816.0 [32.125] | 676.3 [26.625] | MLO | 6-3/0 | 6-350 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)



| Series | A mm [in] | B mm [in] |
|---------|--------------------|--------------------|
| LFCP2FD | 1273.2 [50.125] | 1133.5 [44.625] |
| LFCP2ML | 1273.2 [50.125] | 1133.5 [44.625] |
| LFCP1FD | 1273.2 [50.125] | 1133.5 [44.625] |
| LFCP1ML | 816.0 [32.125] | 676.3 [26.625] |
| LFCP6FD | 816.0 [32.125] | 676.3 [26.625] |

Warranty – Visit www.littelfuse.com/warranty for details.

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