

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

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

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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	Main Lug Only	ML	24	24	3	03					277/480 V*		4		Bottom	B
LFCP2	200 A			30	30	6	06						9		09		

* Contact factory for 240 V single phase option.

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

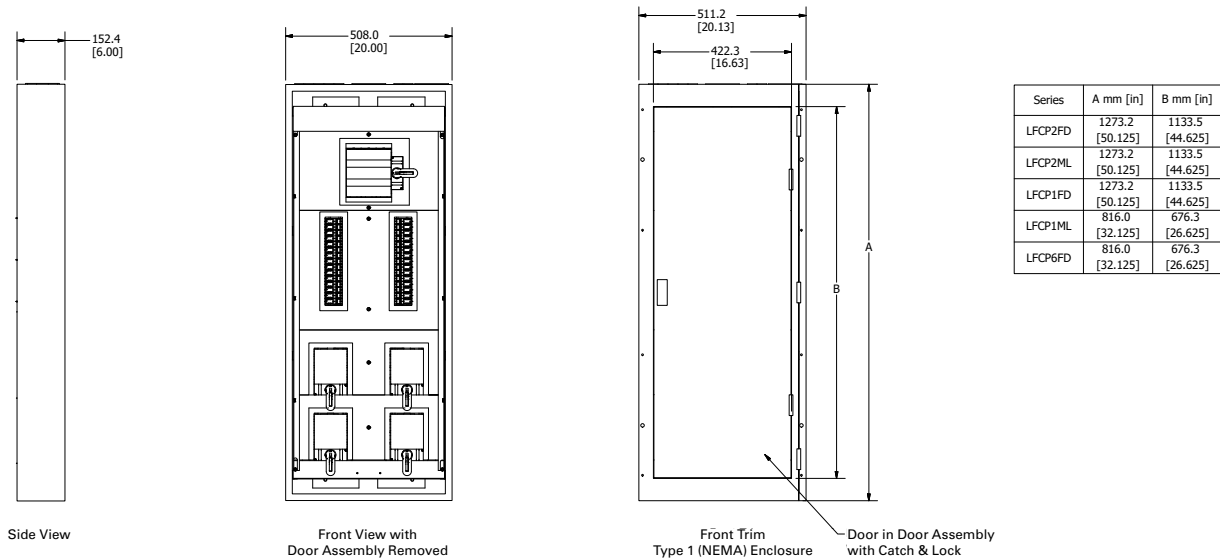
Physical Characteristics

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 [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	
	100 A			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* 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 for details.

Disclaimer Notice – Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at www.littelfuse.com/product-disclaimer.