



Transfer: FP&L Series

Automatic Configuration

Description

Lake Shore Electric's FP&L Series was designed to meet the requirements of Florida Power and Light. The automatic transfer switches utilize industry proven molded case switches or contactor-based units to perform an open transitions transfer, with the protection of mechanical interlocking to prevent accidental paralleling of sources. The FP&L Series controls are based on highly reliable electro mechanical controls and relays. For ease of purchasing, an FP&L part number table has been provided below.

Core Features

- 100% Rated to 600V, in two-, three-, or four-pole configurations
- Electro Mechanical Controls
- Standard Operating Voltages (See FP&L Series Order Guide)
- Wall Mount (W/M), Open or Swing Pan (S/P) Styles Available
- Permanently affixed handle allows for safe manual operation under full load
- Open Delay Transition (1)
- NEMA 1, 3R, Open / Swing Panel
- Programmable Microprocessor Controller with Keypad and LCD Display
- Indicating LEDs for Switch Position
- Front Accessible
- Aux Contacts for Switch Position, System Trouble and Engine Start

FP&L Order Guide

Part Number	LS Part Number	Amps	Poles	Voltage	Style	Enclosure	System Voltage
0-283-407-908	FPL230225GS	225	3	120/240	2	Swing Panel	120/240V, 3P / 4W / 60Hz
0-283-408-025	FPL230225GE	225	3	120/240	2	NEMA 3R	120/240V, 3P / 4W / 60Hz
0-283-408-090	FPL230400CE	400	3	277/480	2	NEMA 3R	277/480V, 3P / 4W / 60Hz
0-283-410-003	FPL220225AE	225	2	10/240	2	NEMA 3R	120/240V, 1P / 2W / 60Hz
0-288-279-711	FPL230225FE	225	3	240	2	NEMA 3R	240V, 3P / 3W / 60Hz
0-288-279-711	FPL230400KE	400	3	480	2	NEMA 3R	480V, 3P / 3W / 60Hz
0-283-409-005	FPL230225CE	225	3	480	2	NEMA 3R	480V, 3P / 3W / 60Hz
0-283-430-047	FPL230600FE	600	3	240	2	NEMA 3R	240V, 3P / 3W / 60Hz
0-283-408-050	FPL230225CI	225	3	277/480	2	NEMA 4X	277/480V, 3P / 3W / 60Hz
0-283-408-025	FPL230400GI	400	3	120/240	2	NEMA 4X	120/240V, 3P / 3W / 60Hz
0-288-279-916	FPL230225KO	225	3	480	2	Open Style	480V, 3P / 3W / 60Hz
0-288-279-916	FPL230400KO	400	3	480	2	Open Style	480V, 3P / 3W / 60Hz
0-288-279-916	FPL230400KO	400	3	240	2	Open Style	240V, 3P / 3W / 60Hz
0-288-281-410	FPL230400GO	400	3	120/240	2	Open Style	120/240V, 3P / 3W / 60Hz

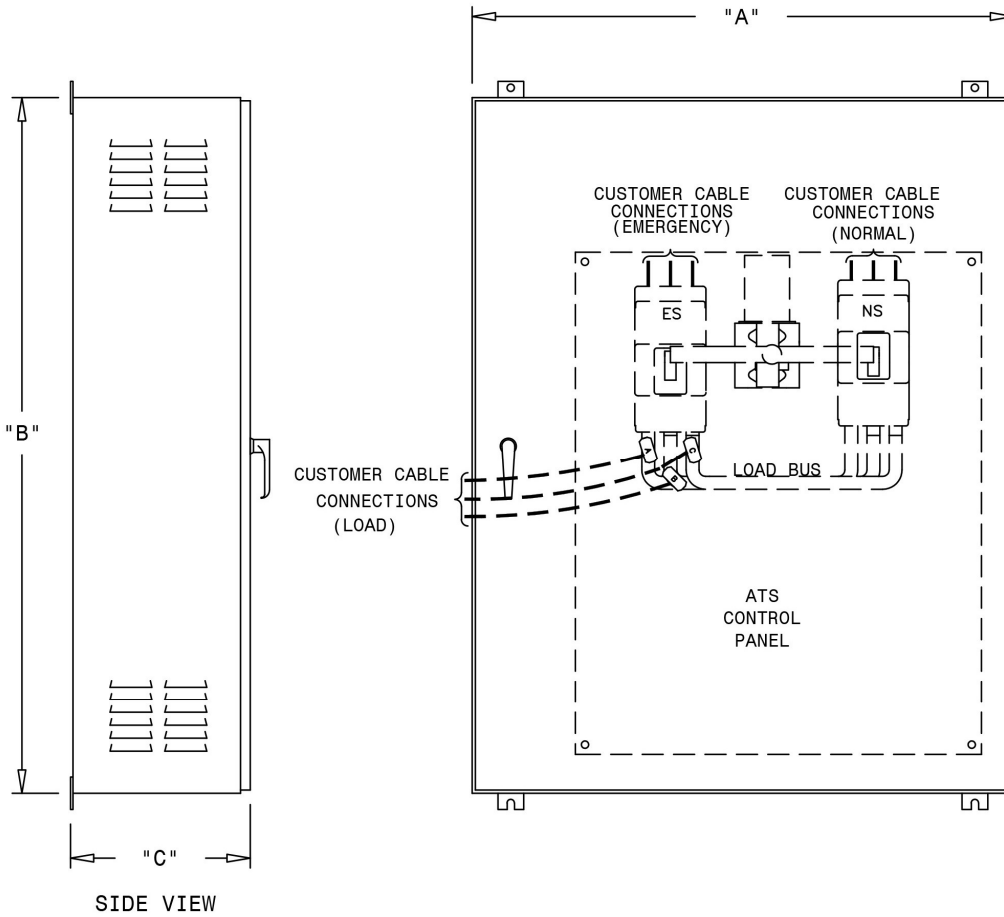
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Dimensions

Amp	Style	Dimensions			Cable Entry		Approx. Weight
		Height	Width	Depth	Height	Width	
100	Open	23	26	7.5	N/A	N/A	150
225	W/M	48	36	19.5	9	27	360
225	S/P	33.5	33.5	12.5	N/A	N/A	320
400	W/M	54	42	15	13	41	360
400	Open	39	31	12.5	N/A	N/A	320
600	W/M	54	42	15	13	41	425

Rating	Power Cable Terminals	
Amp	# Lugs Per Pole	Lug Range
100	1	#4-4/0
225	1	3/0-340 MCM
400	1	3/0-340 MCM
600	2	400-500 MCM

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