



TRANSFER

FPL OPEN TRANSITION AUTOMATIC TRANSFER SWITCH

Utility Focused Design; Industry Proven Controls

Lake Shore Electric's FPL Automatic Transfer Switch was designed for auxiliary power in utility substations. It utilizes molded case switches or contactors, along with highly reliable electromechanical controls, to create a dependable and straightforward design. The FPL is an open transition, no-delay switch that employs a mechanical interlock to prevent the accidental paralleling of sources, in addition to many other standard features.



Standard Features

- 100% Rated Up To 600V
- Ampacities from 100A - 400A
- Mechanically Interlocked Sources
- Electromechanical Controls
- Front Accessible
- Open Transition Transfer
- Engine Start Contacts
- Space Heater

Electromechanical Timers & Relays

- Transfer to Emergency Delay Timer
- Momentary Normal Source Ride Through Timer
- Re-Transfer to Normal Delay Timer
- Momentary Load Test Switch
- Normal Source Surge Protection Device; 30kA
- Emergency Source Surge Protection Device; 30kA
- Normal Source Phase Failure Alarm Contacts
- Emergency Source Phase Failure Alarm Contacts

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MODEL CODES & SPECIFICATIONS

The below model codes have been pre-configured and are available for purchase in a variety of enclosure types. Please see the NEMA Enclosure Rating section below for available options.

Model Code	System Information	Customer Connections
FPLC30100F__	Contactora, 3 Pole, 100 Amps, 240V, 3 ϕ , 3 Wire	(1) #4 - 4/0 Per Phase
FPLC30100K__	Contactora, 3 Pole, 100 Amps, 480V, 3 ϕ , 3 Wire	(1) #4 - 4/0 Per Phase
FPL220225A__	Molded Case, 2 Pole, 225 Amps, 120/240V, 1 ϕ , 3 Wire	(1) 3/0 - 350MCM Per Phase & Neutral
FPL220400A__	Molded Case, 2 Pole, 400 Amps, 120/240V, 1 ϕ , 3 Wire	(1) 3/0 - 350MCM Per Phase & Neutral
FPL230225C__	Molded Case, 3 Pole, 225 Amps, 277/480V, 3 ϕ , 4 Wire	(1) 3/0 - 350MCM Per Phase & Neutral
FPL230225G__ -SWING	Molded Case, 3 Pole, 225 Amps, 120/240V, 3 ϕ , 4 Wire	(1) 3/0 - 350MCM Per Phase & Neutral
FPL230400C__	Molded Case, 3 Pole, 400Amps, 277/480V, 3 ϕ , 4 Wire	(1) 3/0 - 350MCM Per Phase & Neutral
FPL230400G__	Molded Case, 3 Pole, 400 Amps, 120/240V, 3 ϕ , 4 Wire	(1) 3/0 - 350MCM Per Phase & Neutral

NEMA ENCLOSURE RATING

The last character of the FPL transfer switch model code designates the enclosure rating. The corresponding alpha numeric character must be added to the end of the model code when ordering. Available options are listed in the table below. E.g. FPL230225C_I

Enclosure Rating	Alpha Numeric
NEMA Type 3R - Wall Mount	E
NEMA Type 4X* 304 Stainless Steel - Wall Mount	I
NEMA Type 4X* 316 Stainless Steel - Wall Mount	M
Open - No Enclosure	O

*Enclosure Not UL Listed



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