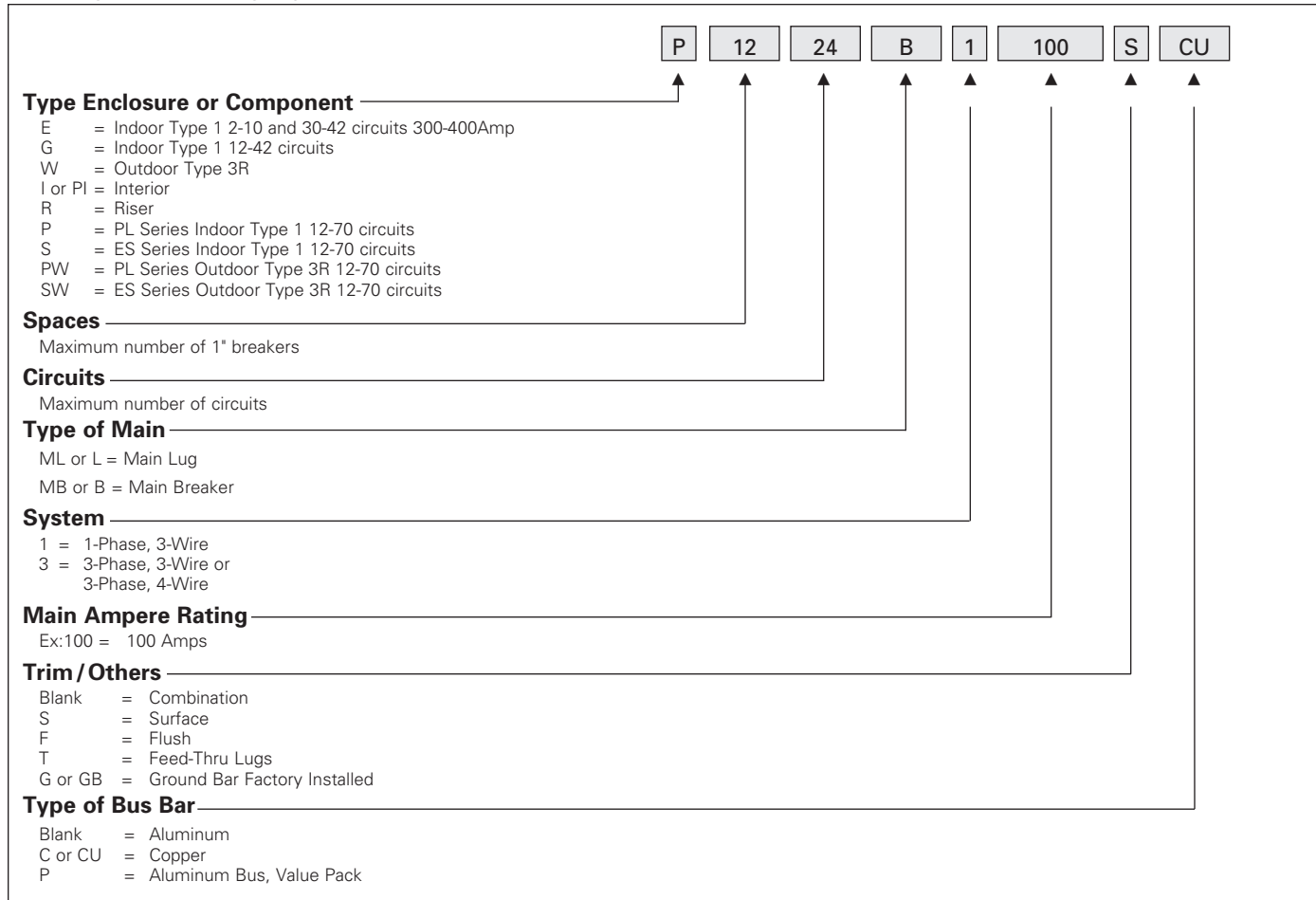


Load Centers

Catalog Numbering System

Catalog Numbering System



Products Shown In Sections 1 of this Speedfax Meet or Exceed the Following Standards.

- UL50 — Electric Cabinets and Boxes
- UL67 — Electric Panelboards
- UL486 — Wire Connectors
- UL489 — Molded-Case Circuit Breakers
- UL869 — Service Equipment
- UL943 — Ground Fault interrupters (Class A — Personnel Protection)
- Federal Specification W-P-115b — Panel Power Distribution
- Federal Specification W-C-375B — Circuit Breakers
- NEC
- NEMA 250

Underwriters' Laboratories, Inc. Reference File Numbers:

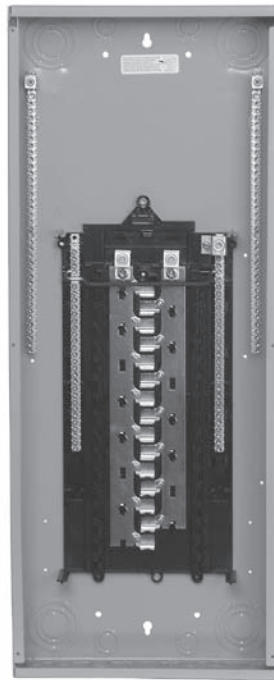
- Series Connected Circuit Breaker Information is recognized by UL under file #E10848(N)
- Load Centers Listed by UL under file #E10703
- Load Centers UL recognized components found under file #E10703, Volume 6 and 7. (Also referenced under the recognized components directory — section QEUY2)
- EQ Circuit Breakers are Listed by UL under file #E82615

Load Centers

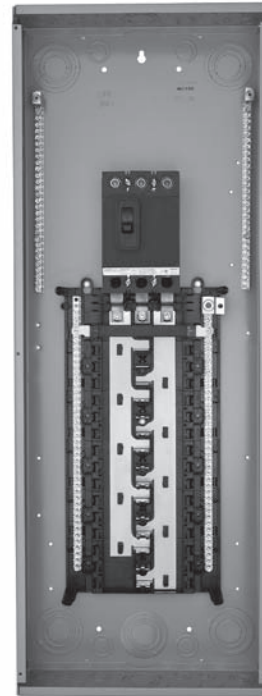
Siemens PL and ES Series Load Centers™ Overview

PL Series:

- Convertible
- Invertible
- Insta-wire neutrals & grounds
- Ground bars included
- Copper busbars
- Dual neutrals on all configurations
- Carton-in-carton packaging
- Lifetime warranty



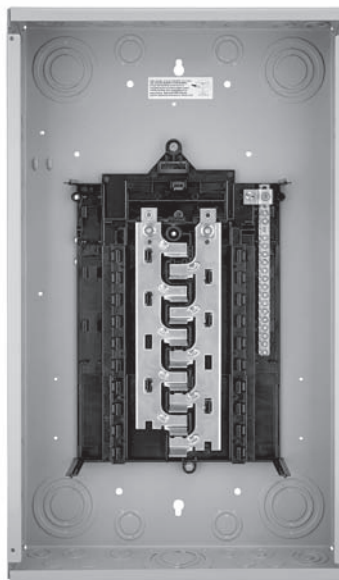
PL Series 1-phase



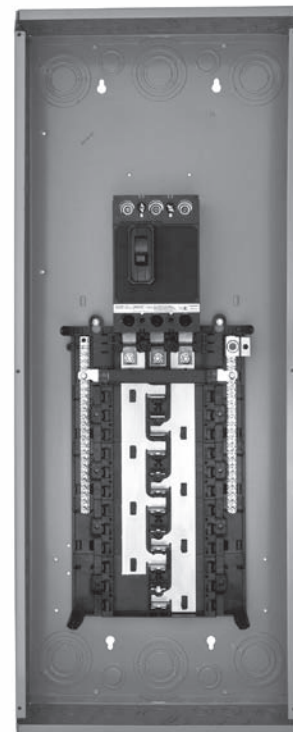
PL Series 3-phase

ES Series:

- Invertible
- Insta-wire neutrals & grounds
- Aluminum busbars
- Single sided neutral on 24 circuits and below
- Single piece carton packaging
- 10 year warranty



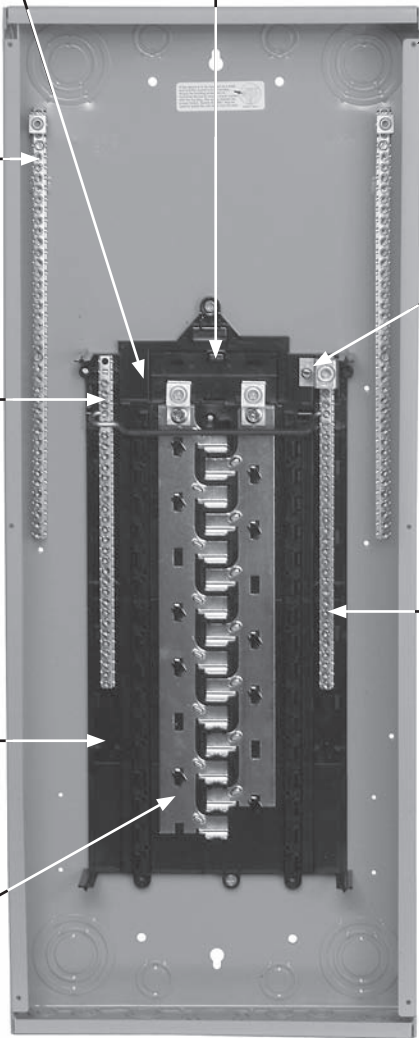
ES Series 1-phase



ES Series 3-phase

PL Series Load Centers

Features



Invertible for bottom feed application.

All devices are provided with 2 factory installed ground bars.

Combination head screw on the neutrals, ground, trim, upper pan, and bond screw provide installation flexibility.

A rigid, sturdy base pan provides the ruggedness required for the most harsh applications.

Copper Bus

All devices convertible from main lug to main breaker and vice versa.


Mounting tabs on the trim hold it in place on the load center, freeing up both hands to drive the trim screws.

The pre-positioned bond screw eliminates bond strap/screw assemblies, and reduces the risk of losing components in the field.

The patented INSTA-WIRE™ neutral/ground system allows for faster installation because screws are backed out, ready for wire insertion. The visible neutral and grounds system aids in the insertion of conductors.

The outdoor enclosure has a slide hinge door for the easiest installation and can be removed by backing out only one screw.

PL Series Load Centers ship with trims packaged separately.



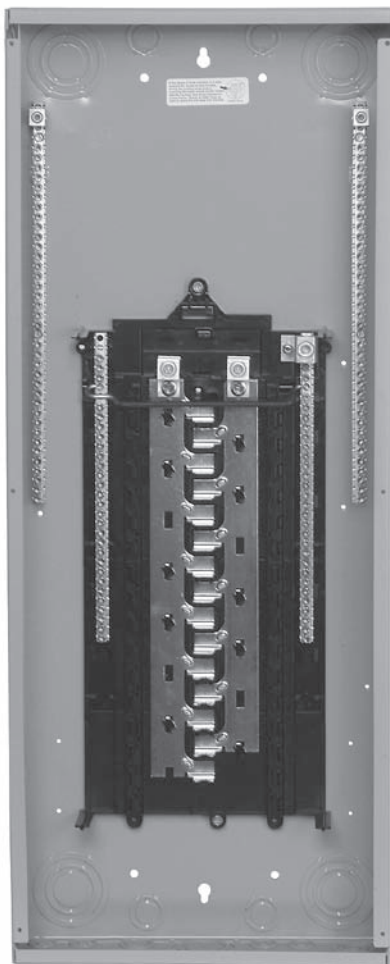
PL Series Load Centers

Product Offering

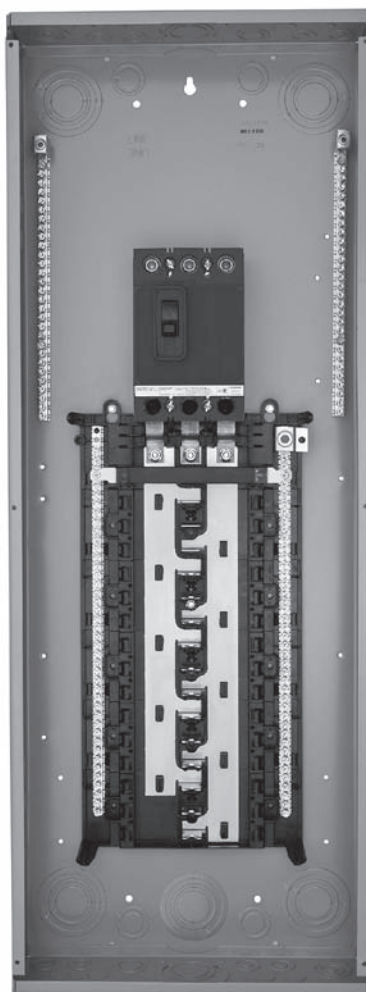
The PL Series Load Center product line provides a wide array of variation to meet any application need.

The following offering is available in the PL Series product line:

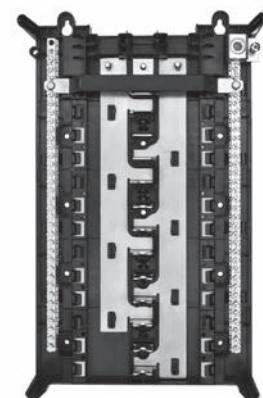
- 12-70 Circuits/Spaces
- Indoor and Outdoor enclosures
- 100 to 225 Amp
- Main Lug and Main Breakers
- Un-assembled offering in 3-phase



**PL Series
1-phase Main Lug**



**PL Series
3-phase Main Breaker**



Un-assembled 3-phase

PL Series 1-Phase Main Lug & Main Breaker Load Centers

1-phase, 3-wire SN, 120/240 Volts AC

• Revised •

06/13/14

LOAD CENTERS &
CIRCUIT BREAKERS

Main Breaker/Convertible Load Centers^①

Copper Bus^⑦

12-70 Circuits / 100-225 Amperes

60/75°C Rated 22,000A IR^②

Branch Circuits			Indoor Enclosure – NEMA Type 1		Outdoor Enclosure – NEMA Type 3R	
Amp Rating	No. of Spaces	No. of Circuits	Catalog Number	Enclosure Height (inches) ^③	Catalog Number	Enclosure Height (inches) ^④
100	12	24	P1224B1100CU	18	PW1224B1100CU	21
100	16	24	P1624B1100CU	21	PW1624B1100CU	23
100	20	20	P2020B1100CU	24	PW2020B1100CU	27
100	20	24	P2024B1100CU	24	—	—
100	24	24	P2424B1100CU	24	—	—
100	30	30	P3030B1100CU	30	—	—
100	30	40	—	—	PW3040B1100CU	35
125	30	30	P3030B1125CU	30	PW3040B1125CU	35
150	20	30	P2030B1150CU	24	—	—
150	20	30	—	—	PW2030B1150CU	27
150	30	30	P3030B1150CU	30	—	—
150	30	40	—	—	PW3040B1150CU	35
200	20	40	P2040B1200CU	30	PW2040B1200CU	27
200	30	40	P3040B1200CU	36	PW3040B1200CU	35
200	30	40	P3040B1200 [®]	36	—	—
200	40	40	P4040B1200CU	36	PW4040B1200CU	38
200	40	40	P4040B1200 [®]	36	—	—
200	54	70	P5470B1200CU	44	—	—
225	42	60	P4260B1225CU	39	PW4260B1225CU	42
225	54	70	P5470B1225CU	44	—	—

Single phase factory installed 22kA IR main circuit breaker offers 22/10kA IR series combination rating when using 10kA type QP, QT, QPF, QE, QN, and QAF2/QAF2C branch breakers.

Main Lug/Convertible Load Centers^⑥

Copper Bus^⑦

12-70 Circuits / 125-225 Amperes

60/75° Rated 100,000A IR

Branch Circuits			Indoor Enclosure - NEMA Type 1		Outdoor Enclosure - NEMA Type 3R	
Amp Rating	No. of Spaces	No. of Circuits	Catalog Number	Enclosure Height (inches) ^③	Catalog Number	Enclosure Height (inches) ^④
125	12	12	P1212L1125CU ^⑤	18	PW1212L1125CU ^⑤	21
125	12	24	P1224L1125CU ^⑤	18	PW1224L1125CU ^⑤	21
125	16	24	P1624L1125CU	21	PW1624L1125CU	23
125	20	20	P2020L1125CU	24	—	—
125	20	24	P2024L1125CU	24	—	—
125	24	40	P2440L1125CU	24	—	—
125	30	40	P3040L1125CU	30	PW3040L1125CU	35
125	40	40	P4040L1125CU	36	—	—
150	20	30	P2030L1150CU	24	PW2030L1150CU	27
200	12	24	P1224L1200CU	24	PW1224L1200CU ^⑤	23
200	20	40	P2040L1200CU	30	PW2040L1200CU	27
200	24	40	P2440L1200CU	30	—	—
200	30	30	P3030L1200CU	36	—	—
200	30	40	P3040L1200CU	36	PW3040L1200CU	35
200	30	40	P3040L1200 [®]	36	—	—
200	30	54	P3054L1200CU	36	PW3054L1200CU	35
200	40	40	P4040L1200CU	36	PW4040L1200CU	38
200	40	40	P4040L1200 [®]	36	—	—
225	12	24	—	—	PW1224L1225CU	23
225	42	60	P4260L1225CU	39	PW4260L1225CU	42
225	54	70	P5470L1225CU	44	—	—

① Suitable for use as service equipment.

② May be installed on higher rated systems when protected by a circuit breaker with a higher AIR rating.

③ Indoor enclosures are 14 1/4" wide by 3 7/8" deep.

④ Outdoor enclosures are 14 1/2" wide by 4 1/4" deep.

⑤ Suitable for use as service entrance equipment when not more than six main disconnecting means are provided. See article 230.71 of the NEC®.

⑥ 125A load centers will accept MBK100A and MBK125A. 150A load centers will accept MBK150A. 200A load centers will accept MBK200A and MBK150A. 225A load centers will accept MBK225A, MBK200A, MBK150A.

⑦ Copper bus load centers are recommended for those applications where the environment may be severe (i.e. far and coastal areas).

⑧ Includes all PL Series features with aluminum bussing.