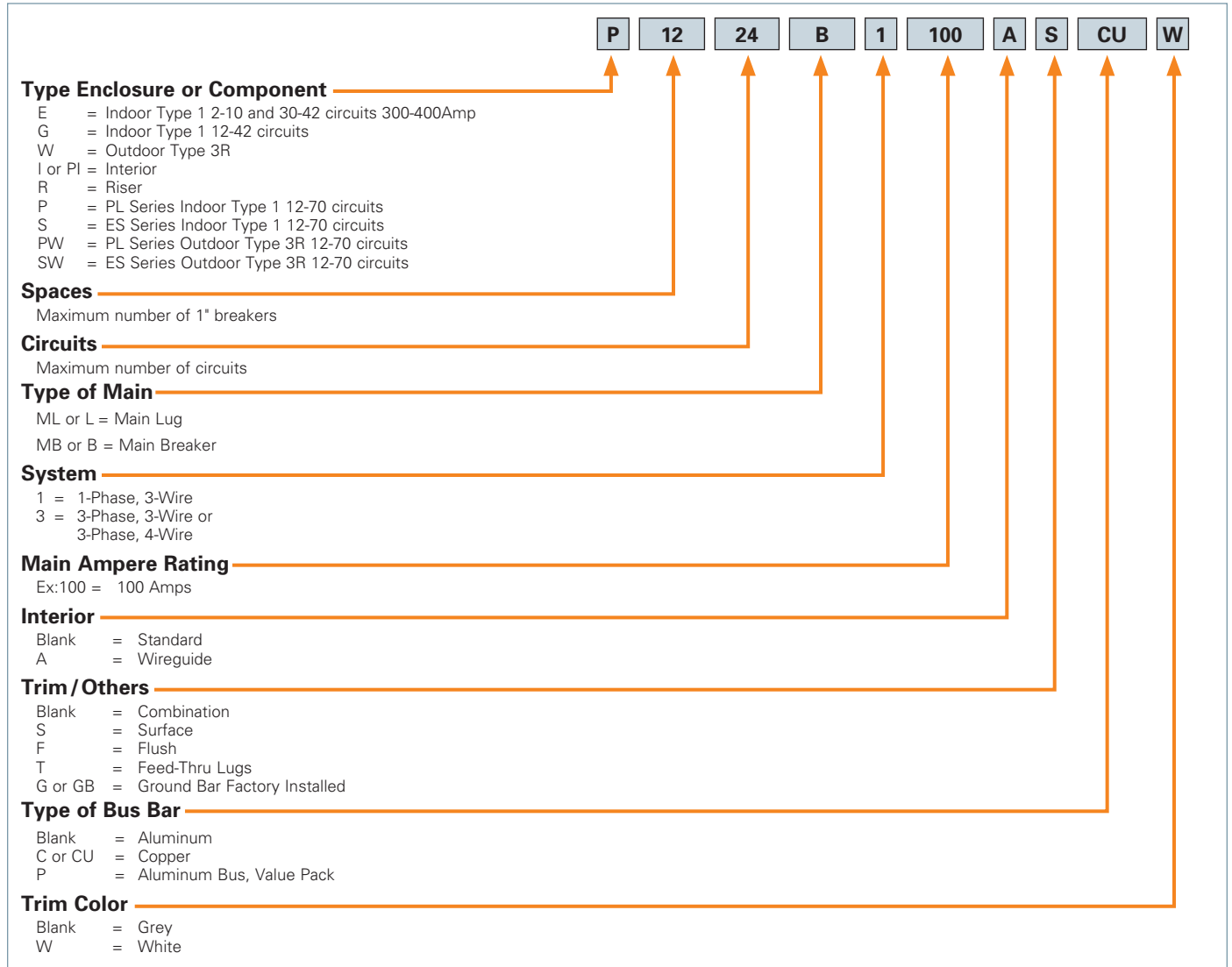


Load Centers

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



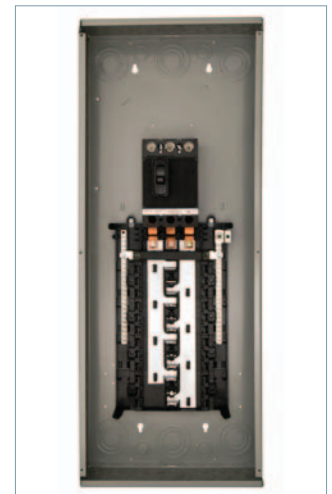
PL Series 3-phase

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



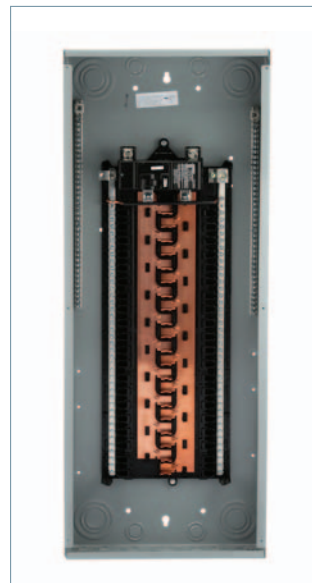
ES Series 3-phase

NEW WireGuide™ Load Centers and Breakers

WireGuide load centers accept new AFCIs with shortened neutral wires that slide directly into the neutral bar.

Features

- Over 4 inches of breaker wire bending space
- 11 SKUs each available in both grey and white[Ⓞ]
- Pre-trimmed and ready to install neutral wires have an "Oops Loop" if extra wire is needed
- Full length neutral bars
- Decreased installation time
- WireGuide breakers available by adding "WG" suffix to existing catalog numbers. See page 1-34 for more details.



WireGuide Load Centers



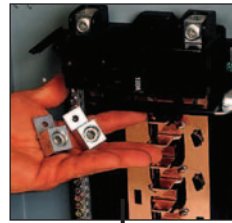
Combination Type AFCI WireGuide Breaker

[Ⓞ] Applies only to NEMA 1 ES and PL Load Centers

PL Series Load Centers

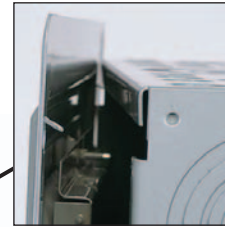
Features

LOAD CENTERS & CIRCUIT BREAKERS 1



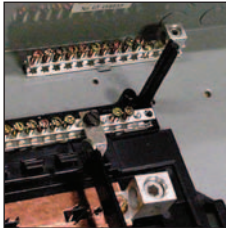
All devices convertible from main lug to main breaker and vice versa.

Invertible for bottom feed application.®



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

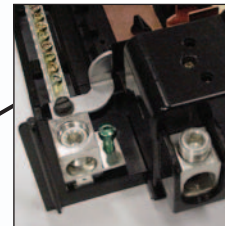
All devices are provided with 2 factory installed ground bars.



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

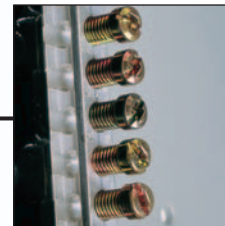


A rigid, sturdy base pan provides the ruggedness required for the most harsh applications.



The pre-positioned bond screw eliminates bond strap/screw assemblies, and reduces the risk of

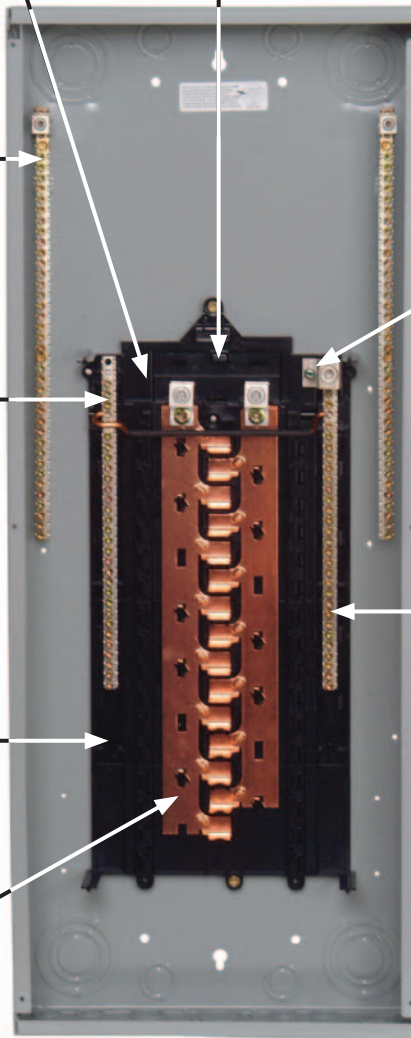
losing components in the field.



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.

Copper Bus



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.



® Applies only to NEMA 1 ES and PL Load Centers

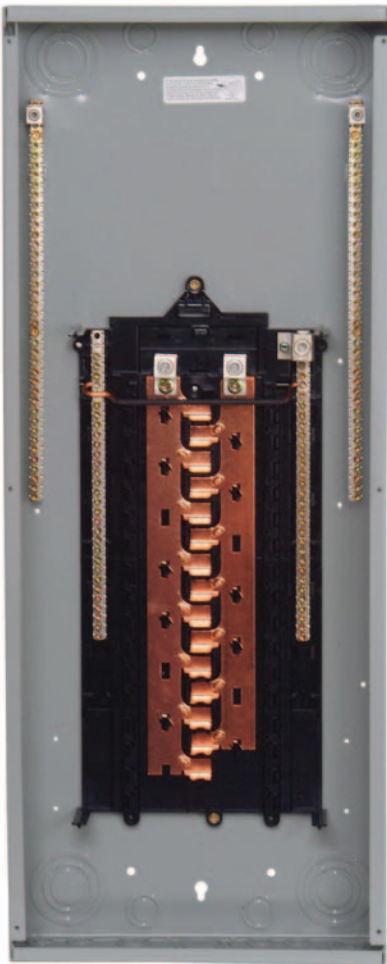
PL Series Load Centers

Product Offering

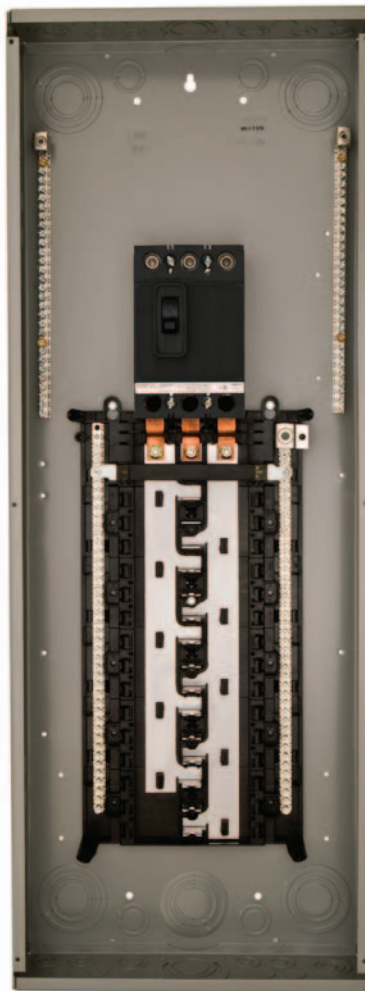
The PL Series Load Center product line provides a wide array of variation to meet any application need.

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

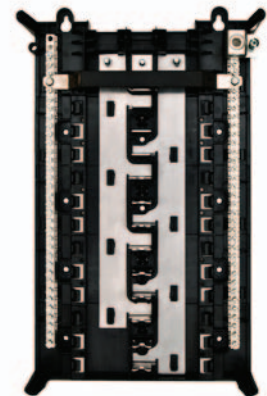
- 12-70 Circuits/Spaces
- Indoor and Outdoor enclosures
- 100 to 225 Amp
- Main Lug and Main Breakers
- Un-assembled offering in 3-phase



**PL Series
1-phase Main Lug**



**PL Series
3-phase Main Breaker**



Un-assembled 3-phase

PL Series 3-Phase Main Lug & Main Breaker Load Centers

3-phase, 3-wire, 240 Volt AC or 3-phase, 4-wire, 120/240 or 120/208 Volts AC

Main Breaker/Convertible Load Centers

Copper Bus^{®10}

30-70 Circuits / 100-225 Amperes

60/75°C Rated 22,000A IR^①

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	P1224B3100CU ^②	24	—	—
100	30	42	P3042B3100CU ^②	30	—	—
125	30	30	P3030B3125CU	39	—	—
150	24	42	P2442B3150CU	36	—	—
150	42	42	P4242B3150CU	42	—	—
200	30	54	P3054B3200CU	39	PW3054B3200CU	38
200	42	60	P4260B3200CU ^⑩	42	PW4260B3200CU	42
225	42	60	P4260B3225CU	42	—	—
225	42	60	P4260B3225TCU ^⑥	49	—	—
225	54	70	P5470B3225CU	49	—	—

Main Lug/Convertible Load Centers^⑤

Copper Bus^{®10}

12-70 Circuits / 125-225 Amperes

60/75°C Rated 100,000A IR^⑨

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	24	P1224L3125CU ^⑦	21	PW1224L3125CU ^⑦	21
200	24	42	P2442L3200CU	36	PW2442L3200CU	35
200	30	54	P3054L3200CU	39	PW3054L3200CU	38
225	42	60	P4260L3225CU	42	PW4260L3225CU ^⑩	42
225	54	70	P5470L3225CU	49	—	—

① May be installed on higher rated systems when protected by a circuit breaker with a higher AIR rating.

② Back fed main breaker.

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 Includes factory installed feed through lugs and is also non-convertible.

⑦ Non-convertible to main breaker.

⑧ All load centers are provided with tin plated copper bus bars.

⑨ Rated 100,000A IR in series with breakers listed on wiring diagram.

⑩ All load centers are provided with tin-plated copper bus bars.

⑪ Available (made to order) in white by adding "W" to the end of the part number