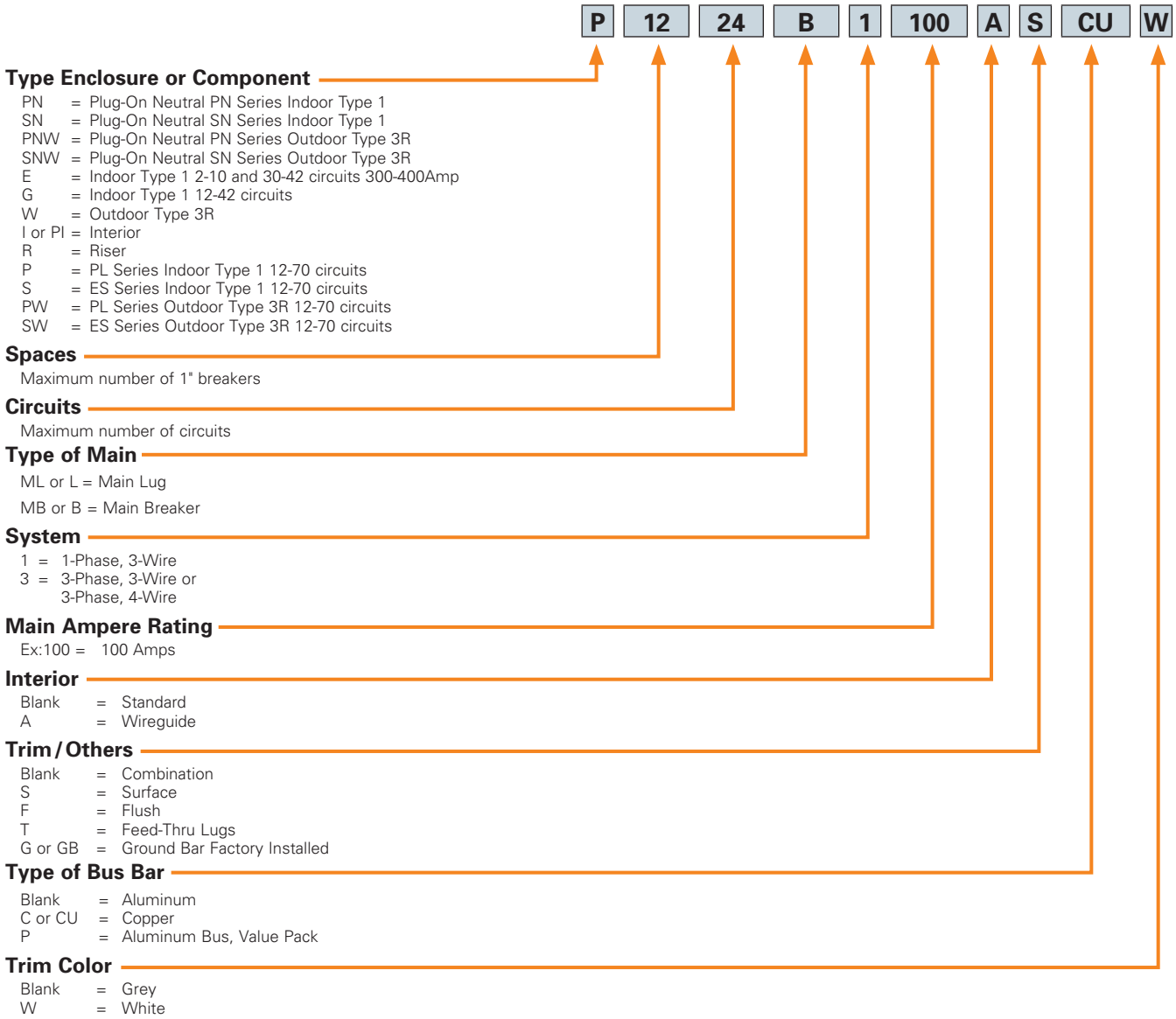
Catalog Numbering System



Type Enclosure or Component

PN = Plug-On Neutral PN Series Indoor Type 1
SN = Plug-On Neutral SN Series Indoor Type 1
PNW = Plug-On Neutral PN Series Outdoor Type 3R
SNW = Plug-On Neutral SN Series Outdoor Type 3R
E = Indoor Type 1 2-10 and 30-42 circuits 300-400Amp
G = Indoor Type 1 12-42 circuits
W = Outdoor Type 3R
I or PI = Interior
R = Riser
P = PL Series Indoor Type 1 12-70 circuits
S = ES Series Indoor Type 1 12-70 circuits
PW = PL Series Outdoor Type 3R 12-70 circuits
SW = ES Series Outdoor Type 3R 12-70 circuits

Spaces

Maximum number of 1" breakers

Circuits

Maximum number of circuits

Type of Main

ML or L = Main Lug

MB or B = Main Breaker

System

1 = 1-Phase, 3-Wire
3 = 3-Phase, 3-Wire or 3-Phase, 4-Wire

Main Ampere Rating

Ex:100 = 100 Amps

Interior

Blank = Standard
A = Wireguide

Trim / Others

Blank = Combination
S = Surface
F = Flush
T = Feed-Thru Lugs
G or GB = Ground Bar Factory Installed

Type of Bus Bar

Blank = Aluminum
C or CU = Copper
P = Aluminum Bus, Value Pack

Trim Color

Blank = Grey
W = White

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

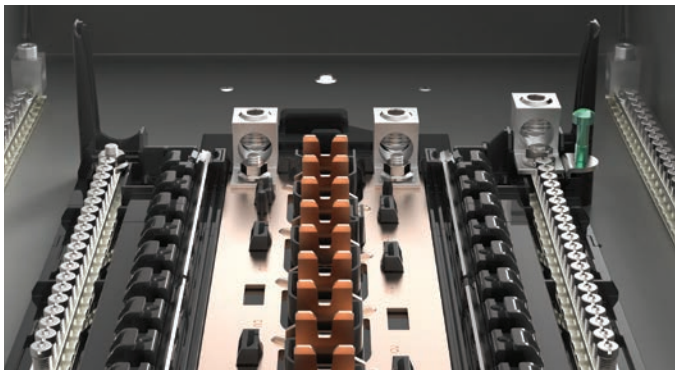
Underwriters' Laboratories, Inc. Reference File Numbers:

- 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

Plug-On Neutral Load Centers

You have come to know Siemens solutions for their durability, innovation, and safety attributes. This continues with the plug-on neutral load center with electronic breakers to provide a more secure connection resulting in a more confident installation.

With an overall smaller electronic breaker footprint, the plug-on neutral load center still gives you over 4" of wire bending space, which allows for a simpler, cleaner, and faster path to a finished project.



Simple

- Quicker breaker installation
- Wiring made easier with the neutral lug removed on CAFCI breakers
- Same great features as PL and ES load centers

Spacious

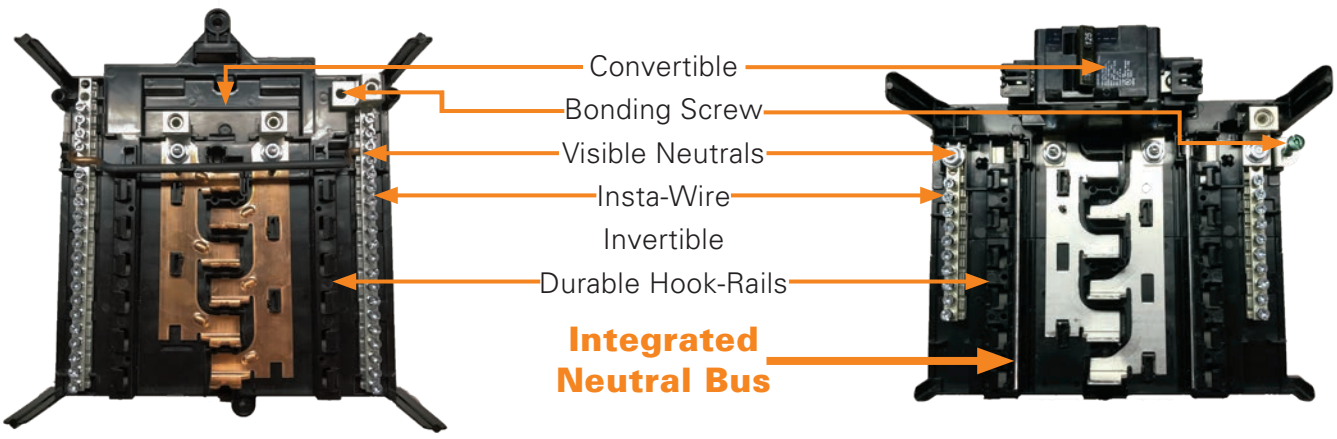
- Small electronic breaker footprint
- Design allows for neutral terminal accessibility
- Over 4 inches of wire bending space

Secure

- Same reliable installation method
- Neutral clip is the same as line side
- Durable hook-rail

A Siemens Advantage

The plug-on neutral load center has the same great features of the PL and ES line, plus an integrated neutral bus.①



① PN panels are convertible and come with two ground bars. SN panels come with one ground bar.

Revised on 11/30/21

SN Series 1-Phase Plug-On Neutral Load Centers

Features

- Invertible
- Bonding Screw
- Visible Neutrals
- Insta-Wire
- Durable Hook-Rails
- Integrated Neutral Bus
- Extended 10-Year Warranty

- 75% Neutral & 50% Ground positions based on number of circuits
- Can use twin AFCI breakers in all PN & SN Series load centers

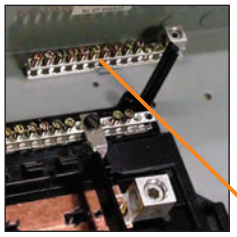
- Easy to install neutral kits. Click here for the PN & SN Accessory and Replacement Parts Guide.
- Click here for Siemens Warranty Information.

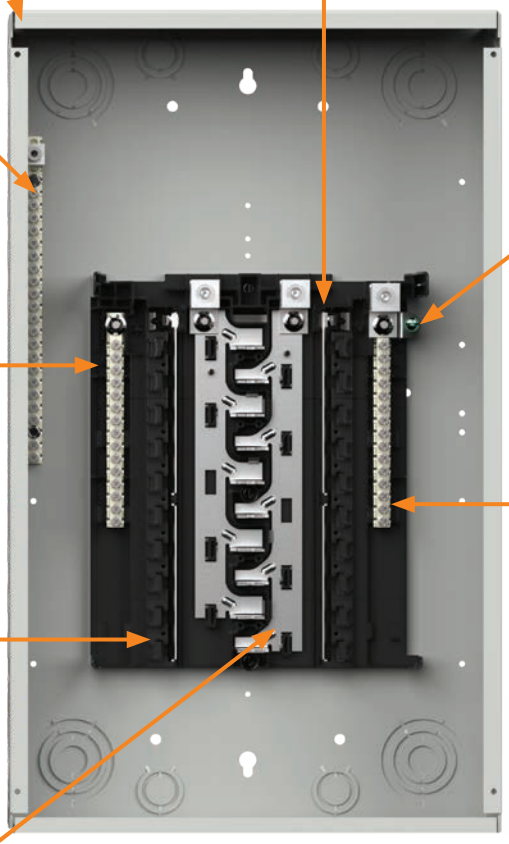
All devices come with an integrated neutral bus

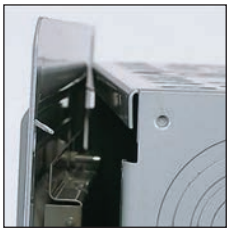


Invertible for bottom feed application.①

SN Series Plug-On Neutral Load Centers come with one factory installed ground bar







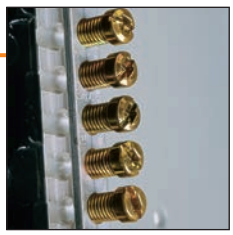
Mounting tabs on the trim hold it in place on the load center, freeing up both hands to drive the trim screws.



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

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





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.

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



Aluminum Bus



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

① Applies only to NEMA 1 PN and SN plug-on neutral load centers

SN Series 1-Phase Plug-On Neutral Load Centers

1-phase, 3-wire, 120/240 Volts AC Main Lug

Main Lug Load Centers
100-225 Amperes

Aluminum Bus
60/75°C Rated

Amp Rating	No. of Spaces	No. of Circuits	Indoor Enclosure - NEMA Type 1		Outdoor Enclosure - NEMA Type 3R	
			Catalog Number④	Enclosure Height (inches)①	Catalog Number	Enclosure Height (inches)②
125	12	12	**SN1212L1125**	18	**SNW1212L1125**	21
125	12	24	**SN1224L1125**	18	**SNW1224L1125**	21
125	16	32	**SN1632L1125**	21	**SNW1632L1125**	21
125	20	20	**SN2020L1125**	21	—	—
125	20	40	**SN2040L1125**	21	**SNW2040L1125**	23
125	24	24	**SN2424L1125**	24	**SNW2424L1125**	27
125	24	48	**SN2448L1125**	24	—	—
125	30	48	**SN3048L1125**	26	**SNW3048L1125**	29
125	40	40	**SN4040L1125**	30	—	—
150	16	32	**SN1632L1150**	21	—	—
150	20	40	**SN2040L1150**	24	**SNW2040L1150**	27
150	24	48	**SN2448L1150**	26	—	—
200	8	16	—	—	**SNW0816L1200T**③	23
200	12	24	**SN1224L1200**	21	**SNW1224L1200**	21
200	20	40	**SN2040L1200**	26	**SNW2040L1200**	27
200	24	48	**SN2448L1200**	26	—	—
200	30	30	**SN3030L1200**	30	—	—
200	30	48	**SN3048L1200**	30	**SNW3048L1200**	29
200	40	40	**SN4040L1200**	36	**SNW4040L1200**	35
225	12	24	—	—	**SNW1224L1225**	21
225	40	60	**SN4060L1225**	36	—	—
225	42	64	**SN4264L1225**	36	**SNW4264L1225**	38
225	54	82	**SN5482L1225**	42	—	—

① Indoor enclosures are 14 1/4" wide by 3 7/8" deep.
② Outdoor enclosures are 14 1/2" wide by 4 1/4" deep.
③ Feed-thru lugs.
④ Available (made to order) in white by adding "W" to the end of the catalog number.

Phase	Enclosure	Legacy Catalog Number	New Catalog Number	Main	Amperage	Bus
1	Indoor	**S2424B1125**	**SN2424B1125**	Main Breaker	125	Aluminum
1	Indoor	**S2424B1125W**	**SN2424B1125W**	Main Breaker	125	Aluminum
1	Indoor	**S2424C1125**	**SN2424C1125**	Main Convertible	125	Aluminum
1	Indoor	**S2424L1125**	**SN2424L1125**	Main Lug	125	Aluminum
1	Indoor	**S2424L1125G**	**SN2424L1125**	Main Lug	125	Aluminum
1	Indoor	**S2424L1125GW**	**SN2424L1125W**	Main Lug	125	Aluminum
1	Indoor	**S2424L1125W**	**SN2424L1125W**	Main Lug	125	Aluminum
1	Indoor	**S2430B1150**	**SN2448B1150**	Main Breaker	150	Aluminum
1	Indoor	**S2440B1200**	**SN2448B1200**	Main Breaker	200	Aluminum
1	Indoor	**S2440L1125**	**SN2448L1125**	Main Lug	125	Aluminum
1	Indoor	**S2440L1125G**	**SN2448L1125**	Main Lug	125	Aluminum
1	Indoor	**S2440L1200**	**SN2448L1200**	Main Lug	200	Aluminum
1	Indoor	**S2440L1200W**	**SN2448L1200W**	Main Lug	200	Aluminum
1	Indoor	**S2448B1125A**	**SN2424B1125**	Main Breaker	125	Aluminum
1	Indoor	**S2448B1125AW**	**SN2424B1125W**	Main Breaker	125	Aluminum
1	Indoor	**S2448B1150A**	**SN2448B1150**	Main Breaker	150	Aluminum
1	Indoor	**S2448B1150AW**	**SN2448B1150W**	Main Breaker	150	Aluminum
1	Indoor	**S2448B1200A**	**SN2448B1200**	Main Breaker	200	Aluminum
1	Indoor	**S2448B1200AW**	**SN2448B1200W**	Main Breaker	200	Aluminum
1	Indoor	**S2448L1125AG**	**SN2448L1125**	Main Lug	125	Aluminum
1	Indoor	**S2448L1125AGW**	**SN2448L1125W**	Main Lug	125	Aluminum
1	Indoor	**S2448L1200AG**	**SN2448L1200**	Main Lug	200	Aluminum
1	Indoor	**S2448L1200AGW**	**SN2448L1200W**	Main Lug	200	Aluminum
1	Indoor	**S3030B1100**	**SN3030B1100**	Main Breaker	100	Aluminum
1	Indoor	**S3030B1100W**	**SN3030B1100W**	Main Breaker	100	Aluminum
1	Indoor	**S3030B1125**	**SN3030B1125**	Main Breaker	125	Aluminum
1	Indoor	**S3030B1125W**	**SN3030B1125W**	Main Breaker	125	Aluminum
1	Indoor	**S3030B1150**	**SN3030B1150**	Main Breaker	150	Aluminum
1	Indoor	**S3030B1150SG**	**SN3030B1150**	Main Breaker	150	Aluminum
1	Indoor	**S3030B1150W**	**SN3030B1150W**	Main Breaker	150	Aluminum
1	Indoor	**S3030L1200**	**SN3030L1200**	Main Lug	200	Aluminum
1	Indoor	**S3030L1200W**	**SN3030L1200W**	Main Lug	200	Aluminum
1	Indoor	**S3040B1125**	**SN3048B1125**	Main Breaker	125	Aluminum
1	Indoor	**S3040B1150**	**SN3048B1150**	Main Breaker	150	Aluminum
1	Indoor	**S3040B1200**	**SN3048B1200**	Main Breaker	200	Aluminum
1	Indoor	**S3040B1200P**	**SN3048B1200P1**	Main Breaker	200	Aluminum
1	Indoor	**S3040B1200W**	**SN3048B1200W**	Main Breaker	200	Aluminum
1	Indoor	**S3040C1200**	**SN3048C1200**	Main Convertible	200	Aluminum
1	Indoor	**S3040L1125**	**SN3048L1125**	Main Lug	125	Aluminum
1	Indoor	**S3040L1125G**	**SN3048L1125**	Main Lug	125	Aluminum
1	Indoor	**S3040L1125GW**	**SN3048L1125W**	Main Lug	125	Aluminum
1	Indoor	**S3040L1125W**	**SN3048L1125W**	Main Lug	125	Aluminum