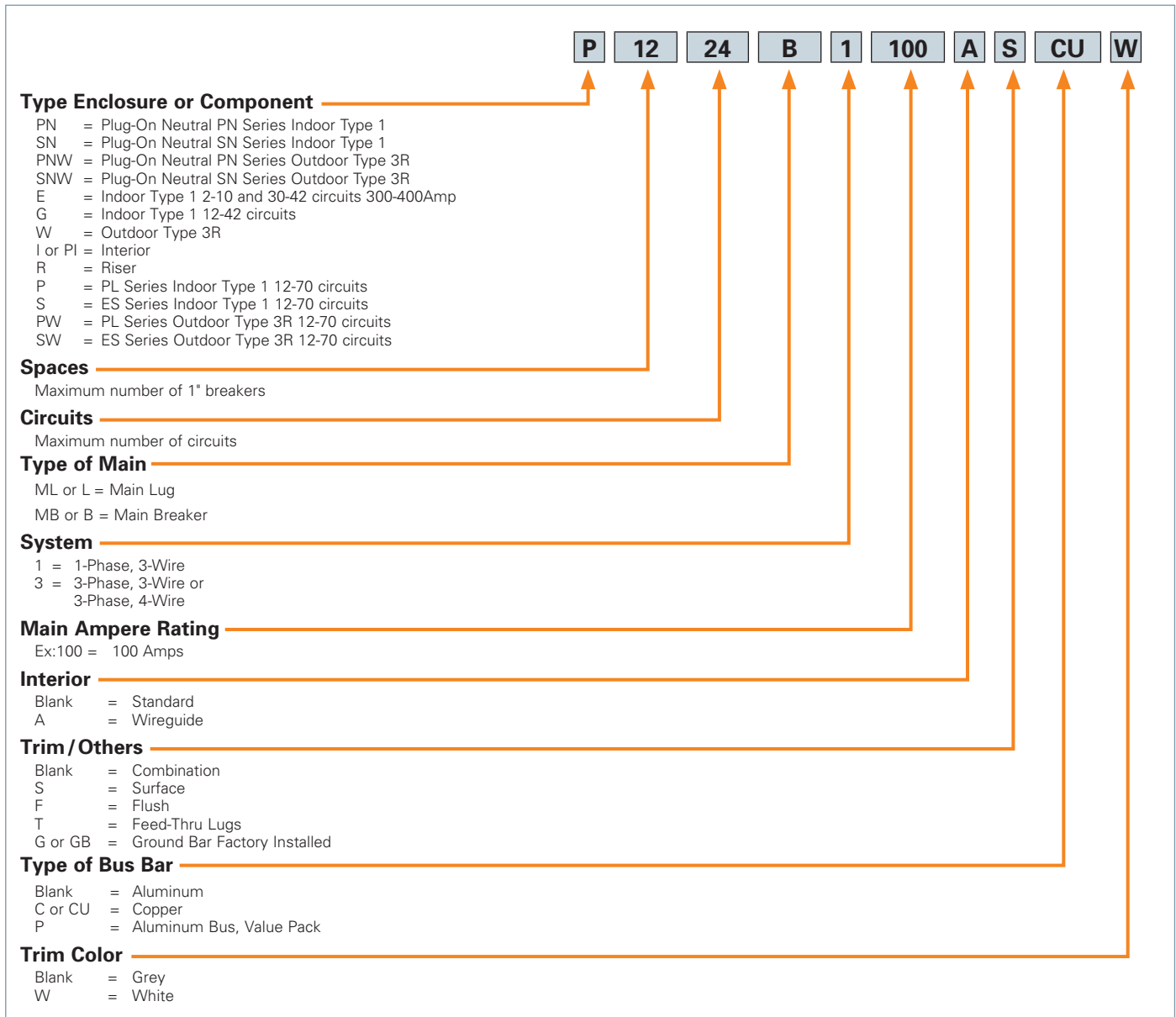


Load Centers

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

SN Series 1-Phase Plug-On Neutral Load Centers

Features

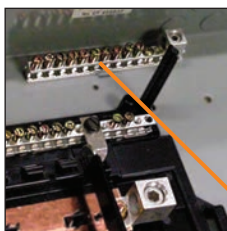
LOAD CENTERS & CIRCUIT BREAKERS

- 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](#).

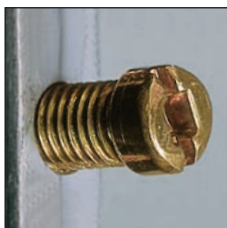
Invertible for bottom feed application.®

All devices come with an integrated neutral bus

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



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



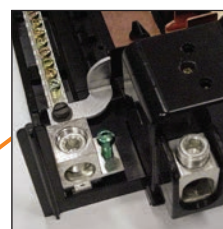
A rigid, sturdy base pan provides the ruggedness required for the most harsh applications.



Aluminum Bus

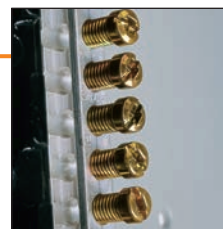


Mounting tabs on the trim hold it in place on the load center, freeing up both hands to drive the trim screws.



losing components in the field.

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



ready for wire insertion. The visible neutral and grounds system aids in the insertion of conductors.

The patented INSTA-WIRE™ neutral/ground system allows for faster installation because screws are backed out,

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

® 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 Breaker

Main Breaker Load Centers^① 100-225 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 Number ^⑤	Enclosure Height (inches) ^②	Catalog Number	Enclosure Height (inches) ^③
100	12	24	SN1224B1100	18	SNW1224B1100	21
100	16	32	SN1632B1100	21	SNW1632B1100	23
100	20	20	SN2020B1100	21	SNW2020B1100	27
100	20	40	SN2040B1100	21	—	—
100	24	48	SN2448B1100	24	—	—
100	30	30	SN3030B1100	26	—	—
100	30	48	SN3048B1100	26	—	—
125	12	24	—	—	SNW1224B1125	21
125	16	32	SN1632B1125	21	—	—
125	20	40	—	—	SNW2040B1125	27
125	24	24	SN2424B1125	24	SNW2424B1125	27
125	30	30	SN3030B1125	26	—	—
125	30	48	SN3048B1125	26	SNW3048B1125	29
150	16	32	SN1632B1150	24	—	—
150	20	40	SN2040B1150	24	SNW2040B1150	27
150	24	48	SN2448B1150	26	—	—
150	30	30	SN3030B1150	30	—	—
150	30	48	SN3048B1150	30	SNW3048B1150	35
200	40	40	—	—	SNW4040B1150	38
200	8	16	—	—	SNW0816B1200T ^④	23
200	12	24	—	—	SNW1224B1200	23
200	16	32	SN1632B1200	24	—	—
200	20	40	SN2040B1200	26	SNW2040B1200	27
200	24	48	SN2448B1200	30	—	—
200	30	48	SN3048B1200	30	SNW3048B1200	35
200	40	40	SN4040B1200	36	SNW4040B1200	38
200	40	60	SN4060B1200	36	—	—
200	42	64	SN4264B1200	39	—	—
200	54	82	SN5482B1200	42	—	—
225	42	64	SN4264B1225	39	SNW4264B1225	38
225	54	82	SN5482B1225	43	—	—

① Factory installed 22KAIC main breaker. Suitable for use as service equipment.
② Indoor enclosures are 14 1/4" wide by 3 7/8" deep.

③ Outdoor enclosures are 14 1/2" wide by 4 1/4" deep.
④ Feed-thru lugs.

⑤ Available (made to order) in white by adding "W" to the end of the catalog number.

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 Number ^①	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.

Specialty Main Lug and Main Breaker Plug-On Neutral Load Centers

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

Factory Installed FirstSurge™ Load Centers^{①⑤④}

Amp Rating	No. of Spaces	No. of Circuits	Indoor Enclosure – NEMA Type 1		Surge Protection
			Catalog Number	Enclosure Height ^② (inches)	
200	30	48	PN3048B1200S14	36	140kA
200	40	60	PN4060B1200S14	42	140kA
200	30	48	SN3048B1200S06	36	60kA
200	40	60	SN4060B1200S06	42	60kA

500 Kcmil Lug Load Center^{①⑥}

Amp Rating	No. of Spaces	No. of Circuits	Indoor Enclosure – NEMA Type 1	
			Catalog Number	Enclosure Height ^② (inches)
200	30	48	SN3048L1200L50	36

Selectable Main Load Centers^{④⑥}

Amp Rating	No. of Spaces	No. of Circuits	Indoor Enclosure – NEMA Type 1		Outdoor Enclosure – NEMA Type 3R	
			Catalog Number	Enclosure Height ^② (inches)	Catalog Number	Enclosure Height ^③ (inches)
125	24	24	SN2424C1125	24	SNW2424C1125	27
200	20	40	SN2040C1200	26	SNW2040C1200	27
200	30	48	SN3048C1200	30	SNW3048C1200	35
200	40	40	SN4040C1200	36	SNW4040C1200	38

① Factory installed 22KAIC main breaker. Suitable for use as service equipment.

② Indoor enclosures are 14 1/4" wide by 3 7/8" deep.

③ Outdoor enclosures are 14 1/2" wide by 4 1/4" deep.

④ Selectable main load centers do not come with main lugs or main breakers. Those kits are sold separately.

⑤ PN has Copper bus

⑥ SN has Aluminum Bus

EQ[®] Load Centers—300-400 Amp

1-Phase, 3-Wire/3-Phase, 3-Wire, 4-Wire

Features

- UL listed for 60/75°C conductors. See equipment markings for applications.
- Copper bus standard.
- Factory installed lock on indoor enclosures.
- Main breaker units have a factory installed JXD2 type breaker.

E3030MB1400SCU

Main Breaker 300-400 Ampere^②
1Ø, 3-Wire120/240 Volts AC
65,000A 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 ^①	Trim Style	Catalog Number	Enclosure Height ^①
300	42	42	E4242MB1300FCU	58	Flush	—	—
	42	42	E4242MB1300SCU	58	Surface	—	—
400	30	30	—	47	Surface	—	—
	30	30	E3030MB1400SCU	52	Surface	W3030MB1400CU	52
	42	42	E4242MB1400FCU	58	Flush	—	—
	42	42	E4242MB1400SCU	58	Surface	W4242MB1400CU	58

3Ø, 3-Wire, 4-Wire

240 Volts AC
65,000A 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 ^①	Trim Style	Catalog Number	Enclosure Height ^①
300	42	42	E4242MB3300SCU	58	Surface	—	—
400	30	30	E3030MB3400SCU	52	Surface	—	—
	42	42	E4242MB3400FCU	58	Flush	—	—
	42	42	E4242MB3400SCU	58	Surface	W4242MB3400CU	58

Main Lug 400 Ampere
1Ø, 3-Wire120/240 Volts AC
65,000A 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 ^①	Trim Style	Catalog Number	Enclosure Height ^①
400	12	6	—	—	—	W0606ML1400CU ^{③④}	43
	30	30	E3030ML1400SCU	41	Surface	W3030ML1400CU	43
	42	42	E4242ML1400FCU	47	Flush	—	—
	42	42	E4242ML1400SCU	47	Surface	W4242ML1400CU	47

3Ø, 3-Wire, 4-Wire

240 Volts AC
22,000A 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 ^①	Trim Style	Catalog Number	Enclosure Height ^①
400	30	30	E3030ML3400SCU	41	Surface	—	—
	42	42	E4242ML3400FCU	47	Flush	—	—
	42	42	E4242ML3400SCU	47	Surface	W4242ML3400CU	47

^① Indoor and outdoor enclosures are 20" wide by 6" deep.
^② UL listed as suitable for use as service equipment.

^③ Accepts up to six QN style breakers
^④ 22,000A IR