

Next Gen P1 Into stock Panelboards

To better serve the needs of customers, into stock program offers product flexibility, quicker job turn-around, and affordable pricing. All Siemens into stock panelboards are fully backed for high quality, trouble-free operations.

Flexibility and ease of assembly:

Customer oriented design creates installation convenience. For all of its one-of-a-kind features, the P1 panelboard is also designed to be extremely user friendly. For instance, field convertible main breaker and main lug kits - (through 400 amps), will allow you to switch from main lug to main breaker, and vice versa with no change in box size or additional cabling. Plus, lay-in construction (for 250 A CU) and/or removable lugs make wiring the main and neutral lugs easier and faster. To further speed

wiring, as well as reduce clutter, the P1 panel also features a split neutral design and branch neutral connections. Additionally, field addable sub-fed breakers (up to 250 amps) or feed through lug kits can be field installed without utilizing any of your feeder breaker positions or increasing your box height. Furthermore, the unique design allows the panel to be inverted in the field and keep its labeling legible.

1) Completely symmetrical boxes may be mounted with either end up. There are four pre-punched equipment ground connector locations for contractor friendly installation.

2) Box comes pre-punched for optional, field installable door-in-door or hinged style trims. The panel box will accept both standard ground connector (EGK and ECGK) assemblies and insulated ground connector kits (IGK and ICGK).

3) Interior is completely symmetrical allowing it to be changed from top to bottom feed by simply rotating the interior.

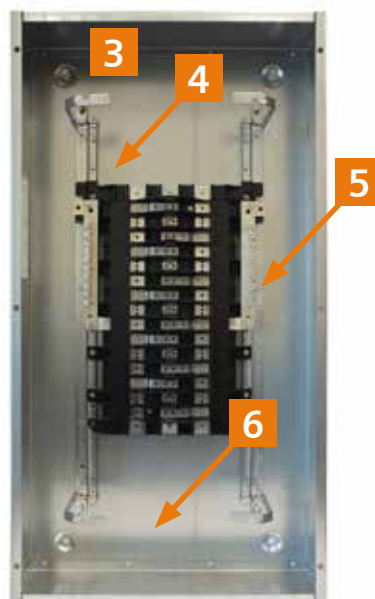
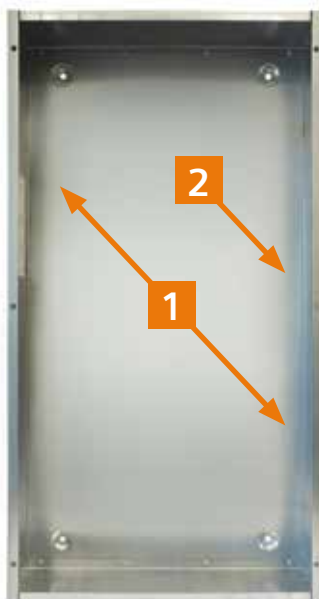
4) Choose either a Main Breaker kit or Main Lug kit with which to terminate your incoming cables. Main lug kits are contractor friendly lugs through 350 kcmil (250 amp panel) or (1) 600 kcmil or (2) 250 kcmil connectors for 400 amp panels. Main Breaker kits (250 amps and below) are horizontally mounted allowing field convertible top or bottom feeds to be performed easily. Main Lug kits and Main Breaker kits are interchangeable and can be changed/added in the field without making changes to the enclosure or interior.

5) Branch neutral connections are near the breaker connections to speed wiring and reduce clutter. The standard P1 neutral is rated for 100% of the panel's ampacity and will accept copper or aluminum wire. Optional 200% and 2/0 neutrals are also available.

6) The panel includes space to add (1) subfeed breaker (max 250 amps), feed-thru lugs or TPS3 (SPD) kit.

7) Siemens standard trim has hidden hinges and mounting hardware for added safety. The rounded door corners not only enhance the panel's appearance but also help to eliminate injuries caused from sharp corners.

8) Semi-flush lock comes standard. Easily identified locked position denoted by keyway being horizontal when door has been locked.



Catalogue Numbering System

Into stock panelboards

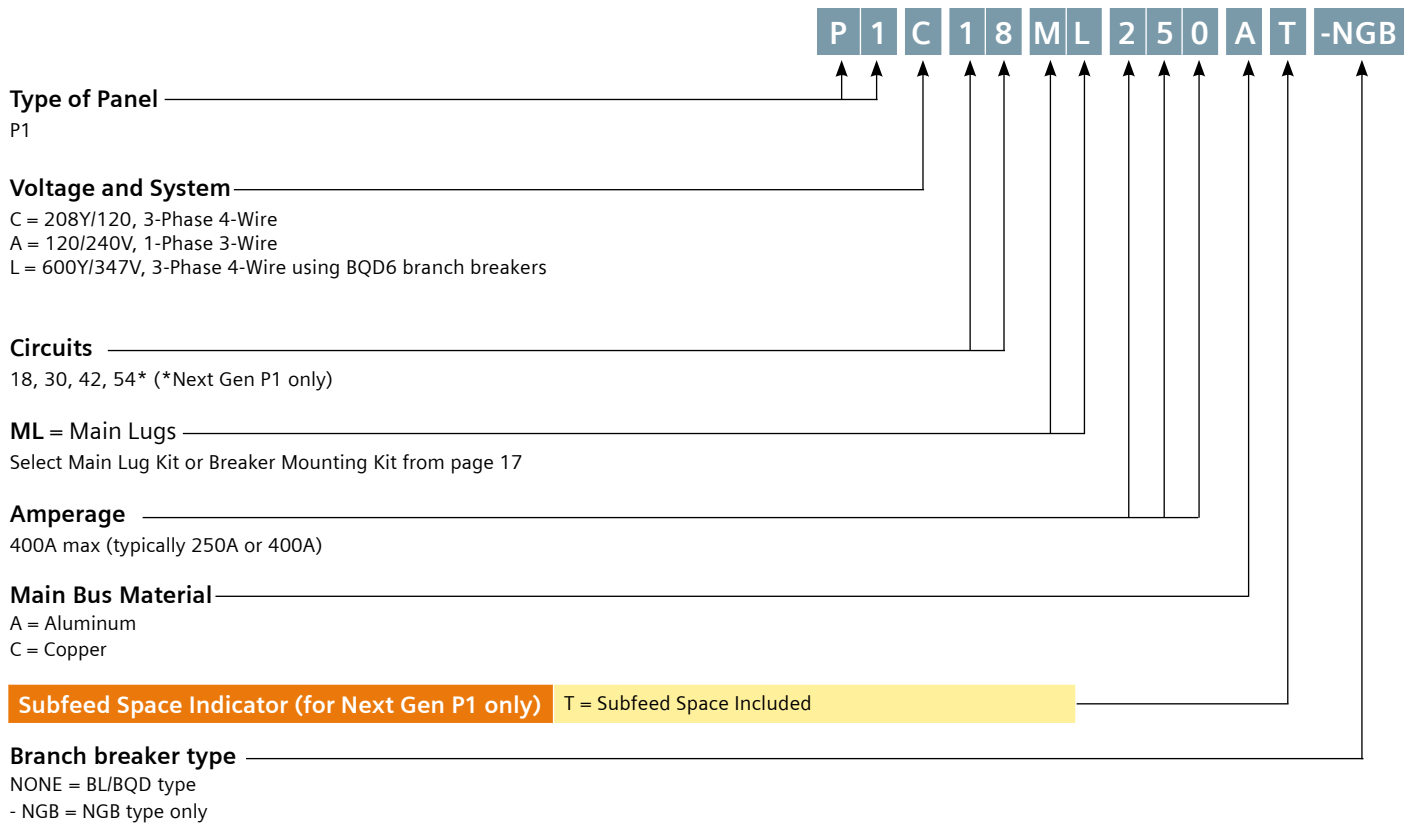
Type P1 into stock panelboards are completely convertible from main lug to main breaker and vice-versa. Additionally feed-thru lugs, or subfeed circuit breakers up to 400 ampere can be added without increasing the box height for Next Gen P1 with "T" suffix, see the chart.

1. Compute total number of poles to determine interior catalogue number. (Note: BL / BQD (or) NGB Main Breaker will use unit space. The total number of poles should include 2 (or) 3 poles for 1-phase (or) 3-phase mains.)
2. List catalogue number of interior, box and front.
3. Select main lug kit or main breaker kit from appropriate tables.

Note: Main/Subfeed Breaker mounting kits may be ordered with or without breakers included, see page 5 and 6 for selection.

4. List required branch circuit breakers.
5. Select any modifications or accessories.

Note: Next Gen P1 was introduced in June 2015. All original P1 devices do not include the "Subfeed Space" indicator ("T" suffix). All original P1 included the Subfeed Space as standard.



Note: Standard bussing in P1 and Next Gen P1 panels is tin plated for aluminum and copper. Standard bus is rated to the maximum amperage in the panel.

Branch Breakers

Panel Type	Voltage (Max.)	Breaker Type	Additional Information
Next Gen P	240 600 / 347	BL, BLH, HBL, BQD, NGB BQD6, NGB	See Page 17

Distributor Stock

Type P1 Panelboards

400A Max. — 20" Wide x 5.75" Deep

1. Choose the appropriate Interior from the table below.
2. Choose the Main Device: Main Lugs from page 16, Main Breaker Kit from pages 16 - 17.
3. Choose Branch Breakers. BL, BQD and NGB breakers from page 19.
4. Choose Feed-Thru Lugs or Subfeed Breaker Kit from pages 16 - 17.



Type P1 Into Stock Panelboards (Next Gen P1 introduced in June 2015)

Amps	Max. # of Poles	Original Main Lugs Interior Catalogue Number	Next Gen P1 Main Lug Interior Catalogue Number	Original Main Convertible Interior Catalogue Number	Next Gen P1 Main Convertible Interior Catalogue Number	Box Size	Type 1 Encl.	Type 3R/12 Encl. ①	Type 1 Front Surface	Type 1 Front Flush
1-Phase, 3-Wire 120/240V										
250	18	P1A18ML250A	P1A18MC250AT	P1A18MC250A	P1A18MC250AT	32	B32	WP32	S32B	F32B
	30	P1A30ML250A	P1A30ML250AT	P1A30MC250A	P1A30MC250AT	38	B38	WP38	S38B	F38B
	42	P1A42ML250A	P1A42ML250AT	P1A42MC250A	P1A42MC250AT	44	B44	WP44	S44B	F44B
400	18	P1A18ML400A	—	P1A18MC400A	—	50	B50	WP50	S50B	F50B
	30	P1A30ML400A	P1A30ML400AT	P1A30MC400A	P1A30MC400AT	62	B62	WP62	S62B	F62B
	42	P1A42ML400A	P1A42ML400AT	P1A42MC400A	P1A42MC400AT	68	B68	WP68	S68B	F68B
250	18	P1A18ML250C	P1A18ML250CT	P1A18MC250C	P1A18MC250CT	32	B32	WP32	S32B	F32B
	30	P1A30ML250C	P1A30ML250CT	P1A30MC250C	P1A30MC250CT	38	B38	WP38	S38B	F38B
	42	P1A42ML250C	P1A42ML250CT	P1A42MC250C	P1A42MC250CT	44	B44	WP44	S44B	F44B
400	18	P1A18ML400C	—	P1A18MC400C	—	50	B50	WP50	S50B	F50B
	30	P1A30ML400C	P1A30ML400CT	P1A30MC400C	P1A30MC400CT	62	B62	WP62	S62B	F62B
	42	P1A42ML400C	P1A42ML400CT	P1A42MC400C	P1A42MC400CT	68	B68	WP68	S68B	F68B
3-Phase, 4-Wire 208Y/120V										
250	18	P1C18ML250A	P1C18ML250AT	P1C18MC250A	P1C18MC250AT	32	B32	WP32	S32B	F32B
	30	P1C30ML250A	P1C30ML250AT	P1C30MC250A	P1C30MC250AT	38	B38	WP38	S38B	F38B
	42	P1C42ML250A	P1C42ML250AT	P1C42MC250A	P1C42MC250AT	44	B44	WP44	S44B	F44B
400	18	P1C18ML400A	—	P1C18MC400A	—	50	B50	WP50	S50B	F50B
	30	P1C30ML400A	P1C30ML400AT	P1C30MC400A	P1C30MC400AT	62	B62	WP62	S62B	F62B
	42	P1C42ML400A	P1C42ML400AT	P1C42MC400A	P1C42MC400AT	68	B68	WP68	S68B	F68B
250	18	P1C18ML250C	P1C18ML250CT	P1C18MC250C	P1C18MC250CT	32	B32	WP32	S32B	F32B
	30	P1C30ML250C	P1C30ML250CT	P1C30MC250C	P1C30MC250CT	38	B38	WP38	S38B	F38B
	42	P1C42ML250C	P1C42ML250CT	P1C42MC250C	P1C42MC250CT	44	B44	WP44	S44B	F44B
400	18	P1C18ML400C	—	P1C18MC400C	—	50	B50	WP50	S50B	F50B
	30	P1C30ML400C	P1C30ML400CT	P1C30MC400C	P1C30MC400CT	62	B62	WP62	S62B	F62B
	42	P1C42ML400C	P1C42ML400CT	P1C42MC400C	P1C42MC400CT	68	B68	WP68	S68B	F68B
3-Phase, 4-Wire 600Y/347V										
250	18	P1L18ML250A	P1L18ML250AT	P1L18MC250A	P1L18MC250AT	32	B32	WP32	S32B	F32B
	30	P1L30ML250A	P1L30ML250AT	P1L30MC250A	P1L30MC250AT	38	B38	WP38	S38B	F38B
	42	P1L42ML250A	P1L42ML250AT	P1L42MC250A	P1L42MC250AT	44	B44	WP44	S44B	F44B
400	18	P1L18ML400A	—	P1L18MC400A	—	50	B50	WP50	S50B	F50B
	30	P1L30ML400A	P1L30ML400AT	P1L30MC400A	P1L30MC400AT	62	B62	WP62	S62B	F62B
	42	P1L42ML400A	P1L42ML400AT	P1L42MC400A	P1L42MC400AT	68	B68	WP68	S68B	F68B
250	18	P1L18ML250C	P1L18ML250CT	P1L18MC250C	P1L18MC250CT	32	B32	WP32	S32B	F32B
	30	P1L30ML250C	P1L30ML250CT	P1L30MC250C	P1L30MC250CT	38	B38	WP38	S38B	F38B
	42	P1L42ML250C	P1L42ML250CT	P1L42MC250C	P1L42MC250CT	44	B44	WP44	S44B	F44B
400	18	P1L18ML400C	—	P1L18MC400C	—	50	B50	WP50	S50B	F50B
	30	P1L30ML400C	P1L30ML400CT	P1L30MC400C	P1L30MC400CT	62	B62	WP62	S62B	F62B
	42	P1L42ML400C	P1L42ML400CT	P1L42MC400C	P1L42MC400CT	68	B68	WP68	S68B	F68B
Interiors for NGB Breakers — 3-Phase, 4-Wire 600Y/347V										
250	18	—	P1L18ML250AT-NGB	—	P1L18MC250AT-NGB	32	B32	WP32	S32B	F32B
	30	—	P1L30ML250AT-NGB	—	P1L30MC250AT-NGB	38	B38	WP38	S38B	F38B
	42	—	P1L42ML250AT-NGB	—	P1L42MC250AT-NGB	44	B44	WP44	S44B	F44B
400	18	—	P1L54ML250AT-NGB	—	P1L54MC250AT-NGB	50	B50	WP50	S50B	F50B
	30	—	P1L30ML400AT-NGB	—	P1L30MC400AT-NGB	62	B62	WP62	S62B	F62B
	42	—	P1L42ML400AT-NGB	—	P1L42MC400AT-NGB	68	B68	WP68	S68B	F68B
250	18	—	P1L54ML400AT-NGB	—	P1L54MC400AT-NGB	74	B74	WP74	S74B	F74B
	30	—	P1L18ML250CT-NGB	—	P1L18MC250CT-NGB	32	B32	WP32	S32B	F32B
	42	—	P1L30ML250CT-NGB	—	P1L30MC250CT-NGB	38	B38	WP38	S38B	F38B
400	18	—	P1L42ML250CT-NGB	—	P1L42MC250CT-NGB	44	B44	WP44	S44B	F44B
	30	—	P1L54ML250CT-NGB	—	P1L54MC250CT-NGB	50	B50	WP50	S50B	F50B
	42	—	P1L30ML400CT-NGB	—	P1L30MC400CT-NGB	62	B62	WP62	S62B	F62B
400	18	—	P1L42ML400CT-NGB	—	P1L42MC400CT-NGB	68	B68	WP68	S68B	F68B
	30	—	P1L54ML400CT-NGB	—	P1L54MC400CT-NGB	74	B74	WP74	S74B	F74B



42 circuit with Back-fed Main



54 circuit 400A

① Front included in type 3R/12 Box.

Product Category into stock