

New Revised P1 Unassembled Panelboards

To better serve the needs of our customers, we are proud to announce that we are an Authorized Siemens Unassembled Panelboard Distributor. What this means to you is product flexibility, quicker job turn-around, and affordable pricing. All Siemens unassembled panelboards are fully backed for high-quality, trouble-free operation and are labeled as Suitable for use as Service Entrance Equipment.

Same day availability:

Over the counter availability means you're on and off the job without the delays that come with waiting for factory assembled panelboards.

Product consistency:

Whether you are starting a new project, replacing parts, or adding on to an existing project, the unassembled panelboard offering is an exact match to the Siemens factory built panelboards (feed-thru versions only). While this ensures that you enjoy the same great features of the P1 panelboard, it also guarantees your job sites will have the same look, quality, and parts whether you ordered them factory-built, utilized our unassembled panelboard inventory, or used a combination of the two. (Note: Non-feed-thru variations are available as factory assembled without subfeed space in a 6" shorter enclosure.)

Flexibility and ease of assembly:

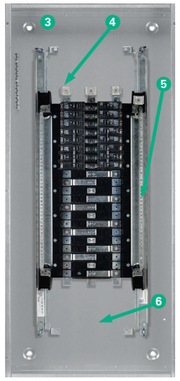
Customer oriented design creates installation convenience. For all of its one-of-a-kind features, the P1 panelboard is also designed to be extremely user-friendly. For instance, field convertible main breaker and main lug kits, (through 400 amps), will allow you to switch from main lug to main breaker, and vice versa with no change in box size or additional cabling. Plus, lay-in construction 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 are near the breaker 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.

New for Revised P1 Panelboards

1) BL/BQD and xGB/3VA41 type breakers are now available in main and subfeed positions (using the same universal strap kit).
2) 3VA 250A and 400A Main Breakers are available in both TMTU (Thermal magnetic trip) and ETU (Electronic Trip) variations. 250A are also available for Sub-feed.
3) 2/0 Neutral strips are now standard on all P18... series interiors for xGB/3VA41 breakers. Accessory kits are also available for field replacement.
4) BT twin 15A and 20A breakers are now available that can be placed wherever a 1-pole BL 15A or 20A can be used.

Revised P1 Unassembled Panelboards (introduced 2015) offer a wealth of features and benefits!







1. Completely symmetrical boxes may be mounted with either end up. There are two (or four) pre-punched equipment ground connector locations for contractor friendly installation.
2. Box comes pre-punched for optional, field-installable door-in-door or hinge-to-box 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 with lay in lugs (or removable lugs) through 350 Kcmil (250 amp panel) or (1) 600 Kcmil or (2) 250 Kcmil connectors for 400 amp panels. No line connectors in the P1 panel require multiple wires under one screw. Main Breaker kits (250 amps and below) are horizontally mounted allowing field convertible top or bottom feeds to be performed easily. MLO 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% neutral kits and 2/0 neutral kits are also available. (2/0 neutrals are now standard on all P18... series interiors)
6. The panel includes space to add (1) sub-feed breaker (max 250 amps), feed-thru lugs or TPS3 or new TPS4 (SPD) kit. The P1 panel with the TPS3/TPS4 SPD unit installed is complementary listed to the standard for SPD units and meets the requirements for an electronic grade panelboard. (New BSPD series Bolt-on Surge products can be added in unit space freeing up this sub-feed space for feed-thru lugs or sub-feed breaker)
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.

Ordering is as easy as ❶ ❷ ❸ ❹

❶ Type P1 Unassembled Panelboards
Metal Components: Interiors, Boxes & Fronts

Bus Ampere Rating	Max. No. of Poles	Revised P1 Interior	Box ①	Front ②	Bus Material
1 Phase, 3 Wire uses BL, BLH, HBL or BQD style breakers				**120/240V**	
250	18	P1A18MC250AT	WP/B32	S/F32B	Aluminum
	30	P1A30MC250AT	WP/B38	S/F38B	
	42	P1A42MC250AT	WP/B44	S/F44B	
	54	P1A54MC250AT	WP/B50	S/F50B	
400	30	P1A30MC400AT	WP/B62	S/F62B	Aluminum
	42	P1A42MC400AT	WP/B68	S/F68B	
	54	P1A54MC400AT	WP/B74	S/F74B	
250	18	P1A18MC250CT	WP/B32	S/F32B	Copper
	30	P1A30MC250CT	WP/B38	S/F38B	
	42	P1A42MC250CT	WP/B44	S/F44B	
	54	P1A54MC250CT	WP/B50	S/F50B	
400	30	P1A30MC400CT	WP/B62	S/F62B	Copper
	42	P1A42MC400CT	WP/B68	S/F68B	
	54	P1A54MC400CT	WP/B74	S/F74B	
3 Phase, 4 Wire uses BL, BLH, HBL or BQD style breakers				**120/208V**	
250	18	P1X18MC250AT	WP/B32	S/F32B	Aluminum
	30	P1X30MC250AT	WP/B38	S/F38B	
	42	P1X42MC250AT	WP/B44	S/F44B	
	54	P1X54MC250AT	WP/B50	S/F50B	
400	30	P1X30MC400AT	WP/B62	S/F62B	Aluminum
	42	P1X42MC400AT	WP/B68	S/F68B	
	54	P1X54MC400AT	WP/B74	S/F74B	
250	18	P1X18MC250CT	WP/B32	S/F32B	Copper
	30	P1X30MC250CT	WP/B38	S/F38B	
	42	P1X42MC250CT	WP/B44	S/F44B	
	54	P1X54MC250CT	WP/B50	S/F50B	
400	30	P1X30MC400CT	WP/B62	S/F62B	Copper
	42	P1X42MC400CT	WP/B68	S/F68B	
	54	P1X54MC400CT	WP/B74	S/F74B	
3 Phase, 4 Wire uses BQD style breakers				**480Y/277V**	
250	18	P1E18MC250AT	WP/B32	S/F32B	Aluminum
	30	P1E30MC250AT	WP/B38	S/F38B	
	42	P1E42MC250AT	WP/B44	S/F44B	
	54	P1E54MC250AT	WP/B50	S/F50B	
400	30	P1E30MC400AT	WP/B62	S/F62B	Aluminum
	42	P1E42MC400AT	WP/B68	S/F68B	
	54	P1E54MC400AT	WP/B74	S/F74B	
250	18	P1E18MC250CT	WP/B32	S/F32B	Copper
	30	P1E30MC250CT	WP/B38	S/F38B	
	42	P1E42MC250CT	WP/B44	S/F44B	
	54	P1E54MC250CT	WP/B50	S/F50B	
400	30	P1E30MC400CT	WP/B62	S/F62B	Copper
	42	P1E42MC400CT	WP/B68	S/F68B	
	54	P1E54MC400CT	WP/B74	S/F74B	

❶ Type P1 Unassembled Panelboards ①
Interiors Only–Less Branch Breakers

Bus Ampere rating	Max. No. of Poles	Revised P1 Interior	Box ①	Front ②	Bus Material
Interiors for xGB or 3VA41 Breakers — 3-Phase, 4-Wire				**480Y/277V ③**	
250	18	P1818MC250AT	WP/B32	S/F32B	Aluminum
	30	P1830MC250AT	WP/B38	S/F38B	
	42	P1842MC250AT	WP/B44	S/F44B	
	54	P1854MC250AT	WP/B50	S/F50B	
400	30	P1830MC400AT	WP/B62	S/F62B	Aluminum
	42	P1842MC400AT	WP/B68	S/F68B	
	54	P1854MC400AT	WP/B74	S/F74B	
250	18	P1818MC250CT	WP/B32	S/F32B	Copper
	30	P1830MC250CT	WP/B38	S/F38B	
	42	P1842MC250CT	WP/B44	S/F44B	
	54	P1854MC250CT	WP/B50	S/F50B	
400	30	P1830MC400CT	WP/B62	S/F62B	Copper
	42	P1842MC400CT	WP/B68	S/F68B	
	54	P1854MC400CT	WP/B74	S/F74B	

① All box dimensions are 20"W X 5.75"D. Height dimensions are equal to the last 2 digits of the box's catalog number. The box catalog number begins with either WP for NEMA 3R/12 or B for NEMA 1 enclosures. (i.e. B32 or WP32). When ordering a N3R box, the front is part of the enclosure and does not need to be ordered separately.
② Catalog number begins with either S for surface or F for flush front (i.e. S32B or F32B).
③ All P18... series interiors now accept both xGB series and 3VA41 series branch breakers. Previous P17... series only accepts xGB series breakers.

❷ Breaker Mounting kits
(125A-250A kits can be used as subfeed for both 250A and 400A panels)

Amp Rating	Breaker Types	Revised P1 Catalog No. ③	Replaces
125A max	RP1 1 Phase Main/SF kit BL/BQD/GB/3VA4 (BL/BQD 100A max.)	MBKVA41A	MBKBL1A ① MBKBC1NBA ①
	RP1 3 Phase Main/SF kit BL/BQD/GB/3VA4 (BL/BQD 100A max.)	MBKVA41B	MBKBL3A ① MBKBC3NBA ①
225A max ④	RP1 1 Phase Main/SF kit QR - 225A max RP1 3 Phase Main/SF kit QR - 225A max	MBKQR1A MBKQR3A	none
250A max	RP1 1 Phase Main/SF kit 3VA52/62 - 250A max	MBKVA5262A	none
	RP1 3 Phase Main/SF kit 3VA52/62 - 250A max	MBKVA5262B	none
400A max ②	RP1 400A 3VA Main Strap kit, 1 Phase or 3 Phase includes: Small and Large Fillers	MBKVA5363A	none
	RP1 400A JD to 3VA53/63 Retrofit kit 1 Phase/3 Phase - This kit will allow 3VA53/63 in old 400A RP1 with small Deadfront opening	MBKVA5363JD	none

① Parts will no longer be available after inventory is depleted. OK to use up inventory.
② 400 amp kit is for main only — not allowed for subfeed breaker.
③ MBKBFA kit is available to mount BL/BQD/xGB/3VA41 2-pole or 3-pole in unit space as a Back-Fed Main. This occupies branch space and reduces circuit count by 2 or 3 positions. (includes Neutral Lug, "MAIN" label and instructions).
④ Although QR is rated 250A, it is limited to 225A in panelboard.