

2 New Revised Type P1 Kits and Accessories			
Main and Sub-Feed Breaker Mounting Kits with Breakers ①			
Catalog no. ③	Description	Rating	
		240V	480V
MBKED3100A	Kit with 3 pole ED4 100 Amp breaker	65kA	18kA
MBKED3125A	Kit with 3 pole ED4 125 Amp breaker	65kA	18kA
MBKQJ1125A	Kit with 2 pole QJ2 125 Amp breaker	10kA	-
MBKQJ1150A	Kit with 2 pole QJ2 150 Amp breaker	10kA	-
MBKQJ1175A	Kit with 2 pole QJ2 175 Amp breaker	10kA	-
MBKQJ1200A	Kit with 2 pole QJ2 200 Amp breaker	10kA	-
MBKQJ1225A	Kit with 2 pole QJ2 225 Amp breaker	10kA	-
MBKQJ3125A	Kit with 3 pole QJ2 125 Amp breaker	10kA	-
MBKQJ3150A	Kit with 3 pole QJ2 150 Amp breaker	10kA	-
MBKQJ3175A	Kit with 3 pole QJ2 175 Amp breaker	10kA	-
MBKQJ3200A	Kit with 3 pole QJ2 200 Amp breaker	10kA	-
MBKQJ3225A	Kit with 3 pole QJ2 225 Amp breaker	10kA	-
MBKQJ1125HA	Kit with 2 pole QJ2H 125 Amp breaker	42kA	-
MBKQJ1150HA	Kit with 2 pole QJ2H 150 Amp breaker	42kA	-
MBKQJ1175HA	Kit with 2 pole QJ2H 175 Amp breaker	42kA	-
MBKQJ1200HA	Kit with 2 pole QJ2H 200 Amp breaker	42kA	-
MBKQJ1225HA	Kit with 2 pole QJ2H 225 Amp breaker	42kA	-
MBKQJ3125HA	Kit with 3 pole QJ2H 125 Amp breaker	42kA	-
MBKQJ3150HA	Kit with 3 pole QJ2H 150 Amp breaker	42kA	-
MBKQJ3175HA	Kit with 3 pole QJ2H 175 Amp breaker	42kA	-
MBKQJ3200HA	Kit with 3 pole QJ2H 200 Amp breaker	42kA	-
MBKQJ3225HA	Kit with 3 pole QJ2H 225 Amp breaker	42kA	-
MBKFD3150A	Kit with 3 pole FXD6 150 Amp breaker	65kA	35kA
MBKFD3175A	Kit with 3 pole FXD6 175 Amp breaker	65kA	35kA
MBKFD3200A	Kit with 3 pole FXD6 200 Amp breaker	65kA	35kA
MBKFD3225A	Kit with 3 pole FXD6 225 Amp breaker	65kA	35kA
MBKFD3250A	Kit with 3 pole FXD6 250 Amp breaker	65kA	35kA
MBKJD1300A ②	Kit with 2 pole JXD6 300 Amp breaker	65kA	35kA
MBKJD3300A ②	Kit with 3 pole JXD6 300 Amp breaker	65kA	35kA
MBKJD1400A ②	Kit with 2 pole JXD6 400 Amp breaker	65kA	35kA
MBKJD3400A ②	Kit with 3 pole JXD6 400 Amp breaker	65kA	35kA
MBKJD12300A ②	Breaker JD2 mounting kit for JXD22B300	65kA	-
MBKJD12400A ②	Breaker JD2 mounting kit for JXD22B400	65kA	-
MBKJD32300A ②	Breaker JD2 mounting kit for JXD23B300	65kA	-
MBKJD32400A ②	Breaker JD2 mounting kit for JXD22B400	65kA	-

① If used as a sub-fed breaker, max is 250A.  
 ② 300 and 400 amp kits usable as Top (or) Bottom feed. These kits cannot be used as a sub-fed breaker since panel's sub-fed space allowance is for a maximum 250 amp breaker.  
 ③ All kits listed ending in "A" will not fit Original P1 Panels.

Lug Kits - Main or Feed Thru (for Revised P1 only)				
Ampere rating	Material	Wire range	Service	Catalog no.
250	Al	(1) #6 AWG-350 kcmil Cu or Al	1 Phase 3 Phase	MLKA1A MLKA3A
	Cu	(1) #6 AWG-350 kcmil Cu or Al	1 Phase 3 Phase	MLKC1A MLKC3A
400	Al	(2) 3/0 250 or (1) #2 AWG-600kcmil	1 Phase 3 Phase	4MLKA1A 4MLKA3A
	Cu	(2) 1/0-4/0 or (1) 1/0-600 kcmil	1 Phase 3 Phase	4MLKC1A 4MLKC3A
400	Al	AL 1/0 750 kcmil (max. 600 kcmil Cu wire)	1 Phase 3 Phase	4MLKA1B 4MLKA3B

3 Type P1 Panelboards Ground Bars, Filler Plates and Accessories	
Catalog no.	Description
BK1A	Bonding kit for 250A max. Revised P1 Panels
EGK	Al Ground Bus 44 Connections
ECGK	Cu Ground Bus 44 Connections
IGK	Insulated Al Ground Bus
ICGK	Insulated Cu Ground Bus
DFFP1 ①	Filler Plate can be used in place of QF3 for P1 panels
2NLK30A ③	200% Neutral Kit, 18 and 30 Circuit
2NLK42A ③	200% Neutral Kit, 42 Circuit
2NLK54A ③	200% Neutral Kit, 54 Circuit, 250 Amp
42NLK30A ③	200% Neutral Kit, 30 Circuit, 400 Amp
42NLK42A ③	200% Neutral Kit, 42 Circuit, 400 Amp
42NLK54A ③	200% Neutral Kit, 54 circuit, 400 Amp
P1SCRWS ②	Breaker Mounting Screws for P1
42NLK54A ③	200% Neutral Kit, 54 circuit, 400 Amp
MBKDF A ③	Back Fed Main Breaker Label and Instructions for BL/BQD or GB breaker
CNLK30A ③	Copper Neutral Lug Kit, 30 Circuit, 250 Amp
CNLK42A ③	Copper Neutral Lug Kit, 42 Circuit, 250 Amp
CNLK54A ③	Copper Neutral Lug Kit, 54, 66 Circuit, 250 Amp
LNLK30A ③	2/0 Neutral Lug Kit, 30 Circuit
LNLK42A ③	2/0 Neutral Lug Kit, 42 Circuit
LNLK54A ③	2/0 Neutral Lug Kit, 54, 66 Circuit
NBK03	Number Strips, 1-42, Stick-on type for use with P1 Series Panelboards
NBK04	Number Strips, 43-84, Stick-on type for use with P1 Series Panelboards
P1CONBPHCU ③	Connector kit - 6 pcs. B phase Copper
P1CONBPHAL ③	Connector kit - 6 pcs. B phase Aluminum
P1CONACPHCU ③	Connector kit - 6 pcs. A or C phase Copper
P1CONACPHAL ③	Connector kit - 6 pcs. A or C phase Aluminum

① Filler plates and ground bars are not included with panelboards and need to be ordered separately. Qty 1 #DFFP1 filler plate must be ordered for every circuit position not occupied by a breaker pole. (i.e. 42 ckt panel with 32 breaker poles need 10 DFFP1s).  
 ② Screws are included with interior. Qty 1 equals 42 screws.  
 ③ For use with Revised P1 only. Will not work with original P1.

4 Type P1 Panelboards Branch Breakers			
Voltage	Branch Breaker Ampere rating	AIC rating	Breaker style
120/208V 120/240V	Up to 100 amps	10K	BL
		22K 65K	BLH HBL
480/277V	Up to 100 amps	14K	BQD
		25K 35K 65K	NGB HGB LGB



Revised P1 Unassembled Panelboards

## The Siemens Advantage

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For more information about what your Siemens Unassembled Panelboard Distributor can do for you, contact your local distributor.

Note: 1) Original P1 kits will not fit Revised P1 Panels.  
 2) Revised P1 kits will not fit original P1 Panels.

[www.usa.siemens.com/powerdistribution](http://www.usa.siemens.com/powerdistribution)

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## 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 Type Mains are only allowed as Back-Fed Mains in unit space. This uses 2 or 3 positions of unit space, but saves the cost of a strap kit.
- 2) 54 circuit 250A and 400A Panels are now available.
- 3) 2/O Neutral kits are now available as field installable accessories.
- 4) 750 kcmil MLO kits are now available for 400A Panels.

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



1

Completely symmetrical boxes may be mounted with either end up. There are two 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. There are also two pre-punched ground connector locations. 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/O neutral kits are also available.

6

The panel includes space to add (1) sub-feed breaker (max 250 amps), feed-thru lugs or TPS3 (SPD) kit. The P1 panel with the TPS3 SPD unit installed is complementary listed to the standard for SPD units and meets the requirements for an electronic grade panelboard.

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 1 2 3 4

1 Type P1 Unassembled Panelboards Metal Components: Interiors, Boxes & Fronts					
1 Phase, 3 Wire uses BL, BLH, or HBL style breakers					120/240V
Bus ampere rating	Max. no. of poles	Revised P1 Interior	Box ①	Front ②	Bus Material
250	18	P1A18MC250AT	WP/B32	S/F32B	Aluminum
	32	P1A30MC250AT	WP/B38	S/F38B	
	42	P1A42MC250AT	WP/B44	S/F44B	
	54	P1A54MC250AT	WP/B50	S/F74B	
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/F74B	
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 or HBL 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/F74B	
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/F74B	
400	30	P1X30MC400CT	WP/B62	S/F62B	Copper
	42	P1X42MC400CT	WP/B68	S/F68B	
	54	P1X54MC400CT	WP/B74	S/F74B	



1 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
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/F74B	
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/F74B	
400	30	P1E30MC400CT	WP/B62	S/F62B	Copper
	42	P1E42MC400CT	WP/B68	S/F68B	
	54	P1E54MC400CT	WP/B74	S/F74B	

1 Type P1 Unassembled Panelboards ① Interiors Only—Less Branch Breakers					
Interiors for xGB Breakers — 3-Phase, 4-Wire					480Y/277V ③
Bus ampere rating	Max. no. of poles	Revised P1 Interior	Box ①	Front ②	Bus Material
250	18	P1718MC250AT	WP/B32	S/F32B	Aluminum
	32	P1730MC250AT	WP/B38	S/F38B	
	42	P1742MC250AT	WP/B44	S/F44B	
	54	P1754MC250AT	WP/B50	S/F74B	
400	30	P1730MC400AT	WP/B62	S/F62B	Aluminum
	42	P1742MC400AT	WP/B68	S/F68B	
	54	P1754MC400AT	WP/B74	S/F74B	
250	18	P1718MC250CT	WP/B32	S/F32B	Copper
	30	P1730MC250CT	WP/B38	S/F38B	
	42	P1742MC250CT	WP/B44	S/F44B	
	54	P1754MC250CT	WP/B50	S/F74B	
400	30	P1730MC400CT	WP/B62	S/F62B	Copper
	42	P1742MC400CT	WP/B68	S/F68B	
	54	P1754MC400CT	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 N3R 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 This panel only accepts NGB, HGB and LGB breakers in the branch-feeder positions.