2 New Revised Type P1 Kits and Accessories

Main and Sub-Feed Breaker Mounting Kits with Breakers			Max IR (kA) at ①			
Frame Size Reference	Revised P1 Catalog No.	Description	120/240V	208/120V	480Y/277V	600Y/347V
QR 1-ph 225A Max.	**MBKQR1125A**	Kit w/2-pole QR2 125A breaker	10	—	—	—
	MBKQR1150A	Kit w/2-pole QR2 150A breaker	10	—	—	—
	MBKQR1175A	Kit w/2-pole QR2 175A breaker	10	—	—	—
	MBKQR1200A	Kit w/2-pole QR2 200A breaker	10	—	—	—
	MBKQR1225A	Kit w/2-pole QR2 225A breaker	10	—	—	—
HQR 1-ph 225A Max.	**MBKQR1125H**	A Kit w/2-pole HQR2 125A breaker	65	—	—	—
	MBKQR1150H	A Kit w/2-pole HQR2 150A breaker	65	—	—	—
	MBKQR1175H	A Kit w/2-pole HQR2 175A breaker	65	—	—	—
	MBKQR1200H	A Kit w/2-pole HQR2 200A breaker	65	—	—	—
	MBKQR1225H	A Kit w/2-pole HQR2 225A breaker	65	—	—	—
QR2 3-ph 225A Max.	**MBKQR3125A**	Kit w/3-pole QR2 125A breaker	—	10	—	—
	MBKQR3150A	Kit w/3-pole QR2 150A breaker	—	10	—	—
	MBKQR3175A	Kit w/3-pole QR2 175A breaker	—	10	—	—
	MBKQR3200A	Kit w/3-pole QR2 200A breaker	—	10	—	—
	MBKQR3225A	Kit w/3-pole QR2 225A breaker	—	10	—	—
HQR2 3-ph 225A Max.	**MBKQR3125H**	A Kit w/3-pole HQR2 125A breaker	—	65	—	—
	MBKQR3150H	A Kit w/3-pole HQR2 150A breaker	—	65	—	—
	MBKQR3175H	A Kit w/3-pole HQR2 175A breaker	—	65	—	—
	MBKQR3200H	A Kit w/3-pole HQR2 200A breaker	—	65	—	—
	MBKQR3225H	A Kit w/3-pole HQR2 225A breaker	—	65	—	—
3VA52 3-ph 250A Max.	**MBKVAM3150A**	RP1 150A MB kit, 35kA 3ph 3VA52	—	85	35	18
	MBKVAM3200A	RP1 200A MB kit, 35kA 3ph 3VA52	—	85	35	18
	MBKVAM3225A	RP1 225A MB kit, 35kA 3ph 3VA52	—	85	35	18
	MBKVAM3250A	RP1 250A MB kit, 35kA 3ph 3VA52	—	85	35	18
	MBKVAH3200A	RP1 200A MB kit, 65kA 3ph 3VA52	—	100	65	25
	MBKVAH3250A	RP1 250A MB kit, 65kA 3ph 3VA52	—	100	65	25
3VA53 3-ph 400A Max.	**MBKVAM1300A**	RP1 300A MB kit, 35kA 1ph 3VA53	85	—	—	—
	MBKVAM1400A	RP1 400A MB kit, 35kA 1ph 3VA53	85	—	—	—
	MBKVAM3300A	RP1 300A MB kit, 35kA 3ph 3VA53	—	85	35	18
	MBKVAM3400A	RP1 400A MB kit, 35kA 3ph 3VA53	—	85	35	18
	MBKVAH3300A	RP1 300A MB kit, 65kA 3ph 3VA53	—	100	65	25
	MBKVAH3400A	RP1 400A MB kit, 65kA 3ph 3VA53	—	100	65	25

① DC System Voltages are not available for RP1 series.

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.
3) Factory installed and Field installable Service Entrance Barrier kits are now available as required by UL67. (In COMPAS, you must select Service Entrance Required.)

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
DFFP1A	1" Branch circuit blank filler plate - BL/BQD/xGB/3VA41 provisions ①
DFFP01B	P1 Main, Blank Filler (Small main opening and all sub-feed)
DFFPVA41A	RP1 Main/Sub-feed 125A max. - 3VA4/BL/BQD/ED/xGB filler (replaces DFFPED01 ref. 12-A-1802-01)
MBKQRFK	P1/Revised P1 Filler for 1PH/3PH QR. Horizontal Mount only.
DFFPFD01	P1 Main, FD Filler, 250A Frame
DFFPJD01	P1 Main, JD Filler, 400A Frame (Small opening) prior to 3VA
MBKVA5363JD	RP1 Deadfront Filler w/small MB opening for 400A Max. 3VA53/63
DFFP01C	RP1 400A Main Blank Filler Plate - 1 Piece for large opening
DFFPJD02	RP1 400A w/JD Main - 1 Piece for large opening
DFFPVA5363A	RP1 400A w/3VA53/63 Main - 1 Piece for large opening
LNLK5X12A	RP1 1/0 Neutral Lug Kit [(5x)1/0 + (12x) #6] (17 pos) ③
LNLK7X18A	RP1 1/0 Neutral Lug Kit [(7x)1/0 + (18x) #6] (25 pos) ③
LNLK4X11B	RP1 & P3 2/0 Neutral Lug Kit (15 pos) ③
LNLK6X17B	RP1 & P3 2/0 Neutral Lug Kit (23 pos) ③
LNLK7X20B	RP1 & P3 2/0 Neutral Lug Kit (27 pos) ③
CNLK42B	RP1 CU Neutral Lug Kit, 42B - 2 short & 2 long strips (17 & 25 pos) ③
CNLK54B	RP1 CU Neutral Lug Kit, 54B - 4 long strips (25 pos) ③
2NLK42B	RP1 250A 200% Neutral Lug Kits ③
2NLK54B	RP1 250A 200% Neutral Lug Kits ③
42NLK54B	RP1 400A 200% Neutral Lug Kit ③
SEBKRP1V1	FD, QJ, QR Service Entrance Barrier Kit (Revised P1) ④
SEBKRP1V2	ED Service Entrance Barrier Kit (Revised P1) ④
SEBKRP1V3	BL/BQD Service Entrance Barrier Kit (Revised P1 - back-fed) ④
SEBKRP1V4	xGB Service Entrance Barrier Kit (Revised P1) - back-fed ④
SEBKRP1V5	BL/BQD/xGB RP1 Service Entrance Barrier Kit -old w/steel MB bracket ④
SEBKRP1V6	BL/BQD/GB/3VA4 RP1 Service Entrance Barrier Kit - use w/new MB kit ④
SEBKRP1V7	3VA52/61/62 Horiz. Mount, RP1 Service Entrance Barrier Kit ④
SEBKRP1P2P3V1	JD, LD, 3VA53/63 Service Entrance Barrier Kit (RP1, P2, P3) ④
MCHK	Metal Card Holder Kit
EWK1	End Wall Kit with KO's (20"W x 5.75"D)
IMK1	Interior Adjusting Kit
LPDC01	Directory Card (Pack of 10; ref. 12-1110-01)
LPDC02	Directory Card Holder (Pack of 10; ref. 11-1824-01)
NBK01A	STICK-ON NUMBERS 1 THRU 60 (includes BT - 1/2" size)
NBK02A	STICK-ON NUMBERS 61 THRU 120 (includes BT - 1/2" size)
NBK03A	STICK-ON NUMBERS 121 THRU 240 (includes BT - 1/2" size)
P1SCRWS	Branch Breaker Mounting Screws for P1 ②
P1CONBPHCU	Connector kit - 6 pcs. B phase Copper
P1CONBPHAL	Connector kit - 6 pcs. B phase Aluminum
P1CONACPHCU	Connector kit - 6 pcs. A or C phase Copper ⑤
LPJSPDNUT01	J-type Speed Nut Lighting Panel Fronts, 25 pcs. per pack
LPKEY01A	B363A Key for FAS-Latch Lock, 4pcs. per pack
LPLOCK01A	FAS-Latch Lock with 2 Keys (B363A)
P1DFS250AFT	RP1 250A DF Support FT 4/kit w/hardware
P1DFS250ANFT	RP1 250A DF Support NFT 4/kit w/hardware
P1DFS400A	RP1 400A DF Support 4/kit w/hardware

① Filler plates and ground bars are not included with panelboards and need to be ordered separately. Qty 1 #DFFP1A 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 DFFP1As).
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 Factory installed and Field installable Service Entrance Barrier kits are now available as required by UL67. (In COMPAS, you must select Service Entrance Required).
⑤ Use for both CU and AL Bus Interiors.

2 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	1 Phase 3 Phase	**MLKC1A** **MLKC3A**
400	Al	(2) 1/0-250 or (1) #2 AWG-600kcmil	1 Phase 3 Phase	**4MLKA1A** **4MLKA3A**
	Cu	(1) 1/0-600 kcmil (CU cable only)	1 Phase 3 Phase	**4MLKC1A** **4MLKC3A**
400	Al	(1) AL 1/0-750kcmil (2) AL/CU 250kcmil max. (max. 600 kcmil Cu wire)	1 Phase 3 Phase	**4MLKA1B** **4MLKA3B**

4 P1 Branch Circuit Breakers

			All	2-Pole and 3-Pole					
			Max IR (kA) at						
Amp Rating	Breaker Family	Breaker Type	120/240V	240V	480Y/277V	480V	600Y/347V	600V	Amp Ratings Available
100	BL	BL	10	10	—	—	—	—	15-100
		BLH	22	22	—	—	—	—	15-100
		HBL	65	65	—	—	—	—	15-100
	BT twin 1-pole	BT	10	—	—	—	—	—	15 or 20
		BTH	22	—	—	—	—	—	15 or 20
	BQD	BQD	65	65	14	—	10	—	15-100
125	xGB ⑤	NGB	100	100	25	—	14	—	15-125
		HGB	100	100	35	—	14	—	15-125
		LGB	100	100	65	—	14	—	15-125
	3VA41①	SEAB	65	65	25	25	14	—	15-125
		MEAB	85	85	35	35	18	—	15-125
		HEAB	100	100	65	65	25	—	15-125

① xGB and 3VA41 can only be used in P18... series UPB panels



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UNASSEMBLED PANELBOARDS

The Siemens Advantage

Revised P1 with 3VA options
usa.siemens.com/powerdistribution

SIEMENS



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:

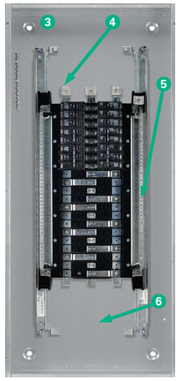
Customer oriented design creates installation convenience. For all of its one-of-a-kind features, the P1 panelboard is also designed to be extremely user-friendly. For instance, field convertible main breaker and main lug kits, (through 400 amps), will allow you to switch from main lug to main breaker, 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.