

2 Select main breaker kit or feed-thru lug kit (if required). Main/subfeed breaker mounting kits may be ordered with or without breaker.

| Main and Subfeed Breaker Mounting Kits without Breakers ① | | | |
|---|------------------------------|--------------------|--|
| Ampere rating | Breaker Types | Service | Next Gen P1 Catalogue no. |
| 100A | BQD | 3 Phase | Use Back-fed Main Label Kit # MBKBFA ② (includes Neutral Lug, "MAIN" label and instructions) |
| 100A | BL, BLH, HBL | 1 Phase 3 Phase | |
| 125A | NGB | 1 Phase 3 Phase | |
| 125A | ED4, ED6, HED4 | 1 Phase 3 Phase | MBKED1A MBKED3A |
| 225A | QJ2, QJH2, QJ2-H | 1 Phase 3 Phase | MBKQJ1A MBKQJ3A |
| 250A | FXD6, FD6, HFD6, HFXD6 | 1 Phase 3 Phase | MBKFD1A MBKFD3A |
| 400A | JXD2, JD6, JXD6, HJD6, HJXD6 | 1 Phase 3 Phase | MBKJD1A MBKJD3A |

- ① 400 amp kit is for main only - not allowed for subfeed breaker.
② Back-fed main breaker occupies branch space.

| Main and Subfeed Breaker Mounting Kits with Breakers ① | | | |
|--|--------------------------------------|--------|------|
| Catalogue no. ③ | Description | Rating | |
| | | 240V | 600V |
| MBKQJ12225A | Kit with 2 pole QJ2 125 Amp breaker | 10kA | - |
| MBKQJ33150A | Kit with 3 pole QJ2 150 Amp breaker | 10kA | - |
| MBKQJ33200A | Kit with 3 pole QJ2 175 Amp breaker | 10kA | - |
| MBKQJ33225A | Kit with 3 pole QJ2 200 Amp breaker | 10kA | - |
| MBKED33100A | Kit with 3 pole ED6 150 Amp breaker | 65kA | 18kA |
| MBKED33125A | Kit with 3 pole ED6 125 Amp breaker | 65kA | 18kA |
| MBKFD33200A | Kit with 3 pole FXD6 200 Amp breaker | 65kA | 22kA |
| MBKFD33225A | Kit with 3 pole FXD6 225 Amp breaker | 65kA | 22kA |
| MBKFD33250A | Kit with 3 pole FXD6 250 Amp breaker | 65kA | 22kA |
| MBKHf33250A | Kit with 3 pole HFD6 250 Amp breaker | 100kA | 25kA |
| MBKJD33400A | Kit with 3 pole JD 400 Amp breaker | 65kA | 25kA |

- ① If used as a Subfeed breaker, max is 250A.
② 400 amp kits usable as Top (or) Bottom feed. These kits cannot be used as a subfeed breaker since panel's subfeed 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 Next Gen P1 only) | | | | |
|---|----------|---|--------------------|---------------------------|
| Ampere rating | Material | Wire range | Service | Next Gen P1 Catalogue 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 |
| | Al | (1) 1/0-750 kcmil AL or (1) 1/0-600 kcmil Cu | 1 Phase 3 Phase | 4MLKA1B 4MLKA3B |

| 3 Select P1 Panelboards ground bars and accessories | |
|---|--|
| Catalogue no. | Description |
| BK1A ② | Bonding kit for 250A max. |
| EGK | Al Ground Bus 44 Connections |
| ECGK | Cu Ground Bus 44 Connections |
| IGK | Insulated Al Ground Bus |
| ICGK | Insulated Cu Ground Bus |
| DFFP1 | Filler Plate can be used in place of QF3-UL (Qty=100/box) |
| 2NLK30A ② | 200% Neutral Kit, 18 and 30 Circuit, 250 Amp |
| 2NLK42A ② | 200% Neutral Kit, 42 Circuit, 250 Amp |
| 2NLK54A ② | 200% Neutral Kit, 54 Circuit, 250 Amp |
| 42NLK30A ② | 200% Neutral Kit, 30 Circuit, 400 Amp |
| 42NLK42A ② | 200% Neutral Kit, 42 Circuit, 400 Amp |
| 42NLK54A ② | 200% Neutral Kit, 54 circuit, 400 Amp |
| P1SCRWS ① | Branch Breaker Mounting Screws for P1 |
| SDKN | Dripshield kit (20"W x 5.75"D) |
| MBKBFA ② | Back-Fed Main Breaker Label and Instructions for BL/BQD or NGB breaker |
| CNLK30A ② | Copper Neutral Lug Kit, 30 Circuit |
| CNLK42A ② | Copper Neutral Lug Kit, 42 Circuit |
| CNLK54A ② | Copper Neutral Lug Kit, 54, 66 Circuit |
| LNLK30A ② | 2/0 Aluminum Neutral Lug Kit, 30 Circuit |
| LNLK42A ② | 2/0 Aluminum Neutral Lug Kit, 42 Circuit |
| LNLK54A ② | 2/0 Aluminum 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 ② | Replacement Connector kit - 6 pcs. B phase Copper |
| P1CONBPHAL ② | Replacement Connector kit - 6 pcs. B phase Aluminum |
| P1CONACPHCU ② | Replacement Connector kit - 6 pcs. A or C phase Copper |
| P1CONACPHAL ② | Replacement Connector kit - 6 pcs. A or C phase Aluminum |
| TPS9IKITP1A ② | Mounting bracket for SPD TPS3 09 |

- ① Screws are included with interior. Qty 1 equals 42 screws.
② For use with Next Gen P1 only. Will not work with original P1.

| 4 List required branch circuit breakers for P1 panelboards | | | |
|--|------------------------------|-------------------|------------------|
| Voltage | Branch Breaker Ampere rating | AIC rating | Breaker style |
| 120/208V 120/240V | Up to 100 amps | 10k 22k 65k | BL BLH HBL |
| | | 10k | BQD6 |
| 600/347V | Up to 70 amps | 10k | BQD6 |
| | Up to 125 amps | 14k | NGB |

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

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

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The Siemens Advantage

Next Gen P1 Ready to Assemble Panelboards

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Next Gen P1 Ready to Assemble Panelboards (RTAP)

To better serve the needs of our customers, we are proud to announce that we are an Authorized Siemens RTAP Distributor. What this means to you is product flexibility, quicker job turn-around, and affordable pricing. All Siemens ready to assemble panelboards are fully backed for high-quality and trouble-free operation.

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 RTAP 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 RTAP inventory, or used a combination of the two. (Note: Non-feed-thru variations are available as factory assembled without subfeed space in a 6" (152 mm) shorter enclosure.)

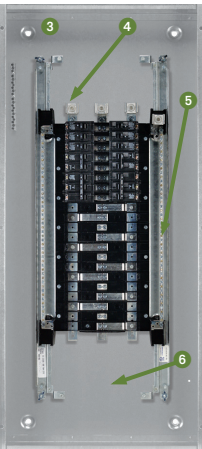
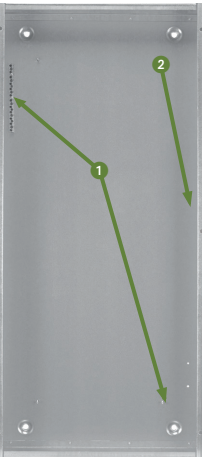
Flexibility and ease of assembly:

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 Next Gen P1 Panelboards

- 1) BL/BQD and NGB 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) 2/0 neutral kits are now available as field installable accessories.
- 4) 750 kcmil Main Lug kits are now available for 400A Panels.

Next Gen P1 Ready to Assemble Panelboards offer a wealth of features and benefits!



- 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. There are also four 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. 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% neutral kits and 2/0 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.
- 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 Select the 3 main components for Next Gen P1: Interior, Box & Trim | | | | | |
|---|----------------------------|--|---------------------------|----------------------------|-----------------|
| 1 Phase, 3 Wire uses BL, BLH, or HBL style breakers | | | | | 120/240V |
| Bus ampere rating | Max. no. of circuits | Next Gen P1 Interior Catalogue no. | Box Catalogue no. ① | Trim Catalogue no. ② | Bus Material |
| 250 | 18 | P1A18ML250AT | B32 | S/F32B | Aluminum |
| | 30 | P1A30ML250AT | B38 | S/F38B | |
| | 42 | P1A42ML250AT | B44 | S/F44B | |
| | 54 | P1A54ML250AT | B50 | S/F74B | |
| 400 | 30 | P1A30ML400AT | B62 | S/F62B | Aluminum |
| | 42 | P1A42ML400AT | B68 | S/F68B | |
| | 54 | P1A54ML400AT | B74 | S/F74B | |
| 250 | 18 | P1A18ML250CT | B32 | S/F32B | Copper |
| | 30 | P1A30ML250CT | B38 | S/F38B | |
| | 42 | P1A42ML250CT | B44 | S/F44B | |
| | 54 | P1A54ML250CT | B50 | S/F74B | |
| 400 | 30 | P1A30ML400CT | B62 | S/F62B | Copper |
| | 42 | P1A42ML400CT | B68 | S/F68B | |
| | 54 | P1A54ML400CT | B74 | S/F74B | |
| 3 Phase, 4 Wire uses BL, BLH or HBL style breakers | | | | | 120/208V |
| 250 | 18 | P1C18ML250AT | B32 | S/F32B | Aluminum |
| | 30 | P1C30ML250AT | B38 | S/F38B | |
| | 42 | P1C42ML250AT | B44 | S/F44B | |
| | 54 | P1C54ML250AT | B50 | S/F74B | |
| 400 | 30 | P1C30ML400AT | B62 | S/F62B | Aluminum |
| | 42 | P1C42ML400AT | B68 | S/F68B | |
| | 54 | P1C54ML400AT | B74 | S/F74B | |
| 250 | 18 | P1C18ML250CT | B32 | S/F32B | Copper |
| | 30 | P1C30ML250CT | B38 | S/F38B | |
| | 42 | P1C42ML250CT | B44 | S/F44B | |
| | 54 | P1C54ML250CT | B50 | S/F74B | |
| 400 | 30 | P1C30ML400CT | B62 | S/F62B | Copper |
| | 42 | P1C42ML400CT | B68 | S/F68B | |
| | 54 | P1C54ML400CT | B74 | S/F74B | |



| 1 Select the 3 main components for Next Gen P1: Interior, Box & Trim | | | | | |
|---|----------------------------|--|-------|--------|-----------------|
| 3 Phase, 4 Wire uses BQD6 style breakers | | | | | 600Y/347V |
| Bus ampere rating | Max. no. of circuits | Next Gen P1 Interior Catalogue No. | Box ① | Trim ② | Bus Material |
| 250 | 18 | P1L18ML250AT | B32 | S/F32B | Aluminum |
| | 30 | P1L30ML250AT | B38 | S/F38B | |
| | 42 | P1L42ML250AT | B44 | S/F44B | |
| | 54 | P1L54ML250AT | B50 | S/F74B | |
| 400 | 30 | P1L30ML400AT | B62 | S/F62B | Aluminum |
| | 42 | P1L42ML400AT | B68 | S/F68B | |
| | 54 | P1L54ML400AT | B74 | S/F74B | |
| 250 | 18 | P1L18ML250CT | B32 | S/F32B | Copper |
| | 30 | P1L30ML250CT | B38 | S/F38B | |
| | 42 | P1L42ML250CT | B44 | S/F44B | |
| | 54 | P1L54ML250CT | B50 | S/F74B | |
| 400 | 30 | P1L30ML400CT | B62 | S/F62B | Copper |
| | 42 | P1L42ML400CT | B68 | S/F68B | |
| | 54 | P1L54ML400CT | B74 | S/F74B | |
| 3 Phase, 4 Wire uses NGB style breakers | | | | | 600Y/347V |
| 250 | 18 | P1L18ML250AT-NGB | B32 | S/F32B | Aluminum |
| | 32 | P1L30ML250AT-NGB | B38 | S/F38B | |
| | 42 | P1L42ML250AT-NGB | B44 | S/F44B | |
| | 54 | P1L54ML250AT-NGB | B50 | S/F74B | |
| 400 | 30 | P1L30ML400AT-NGB | B62 | S/F62B | Aluminum |
| | 42 | P1L42ML400AT-NGB | B68 | S/F68B | |
| | 54 | P1L54ML400AT-NGB | B74 | S/F74B | |
| 250 | 18 | P1L18ML250CT-NGB | B32 | S/F32B | Copper |
| | 30 | P1L30ML250CT-NGB | B38 | S/F38B | |
| | 42 | P1L42ML250CT-NGB | B44 | S/F44B | |
| | 54 | P1L54ML250CT-NGB | B50 | S/F74B | |
| 400 | 30 | P1L30ML400CT-NGB | B62 | S/F62B | Copper |
| | 42 | P1L42ML400CT-NGB | B68 | S/F68B | |
| | 54 | P1L54ML400CT-NGB | 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 catalogue number.
- ② Catalogue number begins with either S for surface or F for flush front (i.e. S32B or F32B).
- ③ This panel only accepts NGB breakers in the branch-feeder positions.