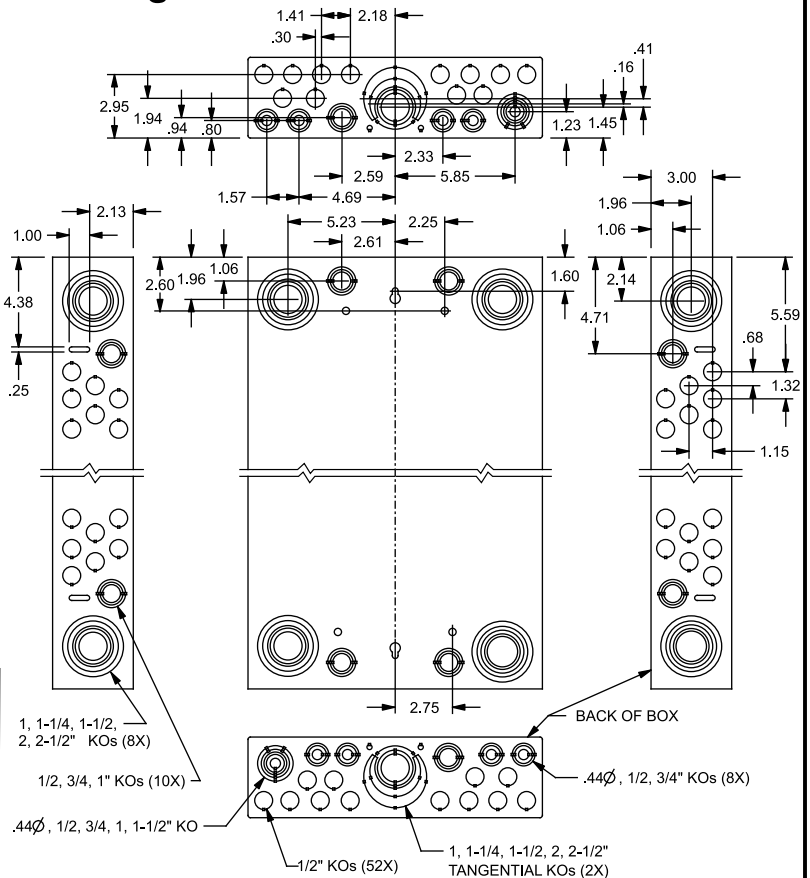
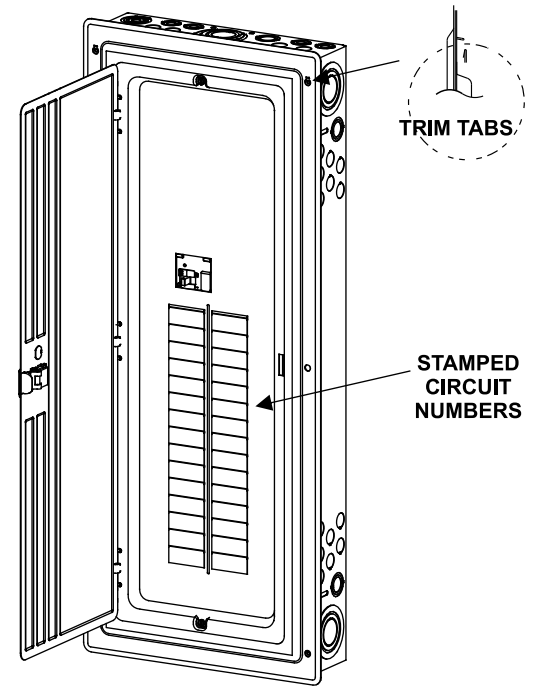
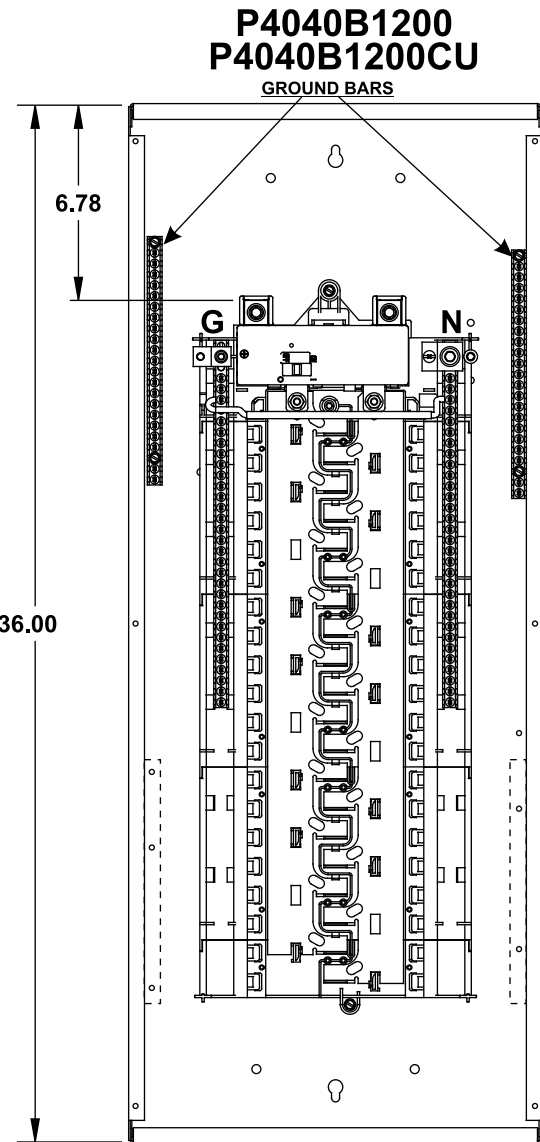
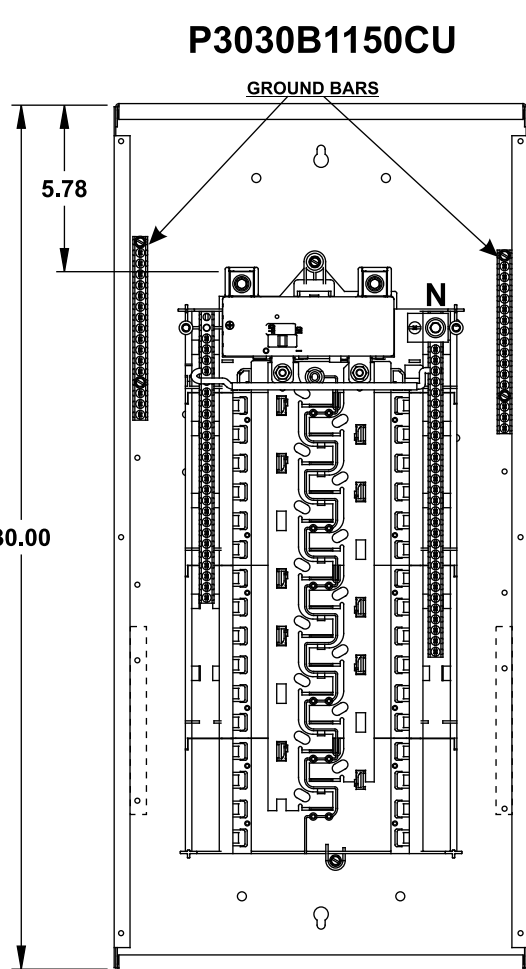


- 1 PHASE, 3 WIRE, 120/240V ~
- 22K AIC MAIN BREAKER FACTORY INSTALLED  
(SEE WIRING DIAGRAM FOR DETAILS)
- CONVERTIBLE TO MAIN LUG
- INVERTIBLE
- TYPE N1 INDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED

|            |                            |                            |
|------------|----------------------------|----------------------------|
| 030B1150CU | P3040B1200<br>P3040B1200CU | P4040B1200<br>P4040B1200CU |
|------------|----------------------------|----------------------------|



| TERMINALS                                                                 | WIRE                                   | TORQUE                           |
|---------------------------------------------------------------------------|----------------------------------------|----------------------------------|
| N                                                                         | 2/0-4 AWG                              | 110 LB-IN                        |
| NEUTRAL/GROUND BARS<br>(USE TYPE EC2GB or EC3GB<br>GND BAR KIT ACCESSORY) | 10-14 CU/10-12 AL<br>8 AWG<br>8-14 AWG | 20 LB-IN<br>25 LB-IN<br>35 LB-IN |
| GROUND CONDUCTORS ONLY                                                    | (2) or (3) 14 AWG<br>2-12-10 AWG       | 20 LB-IN<br>20 LB-IN             |
| ECLK1-2 NEUTRAL LUG KIT                                                   | 2/0-2 AWG                              | 45 LB-IN                         |
| ECLK2 NEUTRAL LUG KIT                                                     | 2/0-4 AWG                              | 135 LB-IN                        |
| MAIN LUG/MAN BRKR TO BUS CONNECTION (1/4-20 NUT)                          |                                        | 45 LB-IN                         |
| BONDING SCREW                                                             |                                        | 45 LB-IN                         |

| TERMINALS                                                                 | WIRE                                  | TORQUE                              |
|---------------------------------------------------------------------------|---------------------------------------|-------------------------------------|
| N                                                                         | 1/0-4 AWG CU;<br>300kcmil-4 AWG AL    | 275 LB-INS                          |
| MAIN BREAKER                                                              | 1/0 AWG CU MAX;<br>3/0 AWG AL MAX.    | See Breaker                         |
| NEUTRAL/GROUND BARS<br>(USE TYPE EC2GB or EC3GB<br>GND BAR KIT ACCESSORY) | 10-14 CU/10-12 AL<br>8 AWG<br>6-4 AWG | 20 LB-INS<br>25 LB-INS<br>35 LB-INS |
| GROUND CONDUCTORS ONLY                                                    | (2)or(3) 14 AWG<br>(2) 12-10 AWG      | 20 LB-INS<br>20 LB-INS              |
| ECLK1-2 NEUTRAL LUG KIT                                                   | 2/0-2 AWG                             | 45 LB-INS                           |
| ECLK2 NEUTRAL LUG KIT                                                     | 2/0-1 AWG                             | 135 LB-INS                          |
| ECLK3 NEUTRAL LUG KIT                                                     | 300 kcmil - 4 AWG                     | 340 LB-INS                          |
| MAIN LUG/MAN BRKR TO BUS CONNECTION (1/4-20 NUT)                          |                                       | 45 LB-INS                           |
| BONDING SCREW                                                             |                                       | 45 LB-INS                           |

| TERMINALS                                                                 | WIRE                                  | TORQUE                           |
|---------------------------------------------------------------------------|---------------------------------------|----------------------------------|
| N                                                                         | 300 kcmil - 4 AWG                     | 275 LB-IN                        |
| G                                                                         | 2/0-14 AWG                            | 110 LB-IN                        |
| NEUTRAL/GROUND BARS<br>(USE TYPE EC2GB or EC3GB<br>GND BAR KIT ACCESSORY) | 10-14 CU/10-12 AL<br>8 AWG<br>6-4 AWG | 20 LB-IN<br>25 LB-IN<br>35 LB-IN |
| GROUND CONDUCTORS ONLY                                                    | 2(or)3/ 14 AWG<br>(2- 12-10 AWG)      | 20 LB-IN<br>20 LB-IN             |
| ECLK1-2 NEUTRAL LUG KIT                                                   | 2/0-2 AWG                             | 45 LB-IN                         |
| ECLK2 NEUTRAL LUG KIT                                                     | 2/0-4 AWG                             | 135 LB-IN                        |
| ECLK3 NEUTRAL LUG KIT                                                     | 300 kcmil - 1 AWG                     | 340 LB-IN                        |
| MAIN LUG/MAN BRKR TO BUS CONNECTION (1/4-20 NUT)                          |                                       | 45 LB-IN                         |
| BONDING SCREW                                                             |                                       | 45 LB-IN                         |

| TERMINALS                                                                 | WIRE                                  | TORQUE                              |
|---------------------------------------------------------------------------|---------------------------------------|-------------------------------------|
| N                                                                         | 4/0 - 4 AWG CU<br>300kcmil-4 AWG AL   | See Breaker                         |
| G                                                                         | 2/0-4 AWG                             | 110 LB-INS                          |
| MAIN BREAKER                                                              | 3/0 AWG CU<br>250 kcmil AL Max.       | See Breaker                         |
| NEUTRAL/GROUND BARS<br>(USE TYPE EC2GB or EC3GB<br>GND BAR KIT ACCESSORY) | 10-14 CU/10-12 AL<br>8 AWG<br>6-4 AWG | 20 LB-INS<br>25 LB-INS<br>35 LB-INS |
| GROUND CONDUCTORS ONLY                                                    | 2(or)3/ 14 AWG<br>2/ 12-10 AWG        | 20 LB-INS<br>20 LB-INS              |
| ECLK1-2 NEUTRAL LUG KIT                                                   | 2/0-2 AWG                             | 45 LB-INS                           |
| ECLK2 NEUTRAL LUG KIT                                                     | 2/0-4 AWG                             | 135 LB-INS                          |
| ECLK3 NEUTRAL LUG KIT                                                     | 300 kcmil - 1 AWG                     | 340 LB-INS                          |
| MAIN LUG/MAN BRKR TO BUS CONNECTION (1/4-20 NUT)                          |                                       | 45 LB-INS                           |
| BONDING SCREW                                                             |                                       | 45 LB-INS                           |

**REFER TO WIRING DIAGRAM**  
**FOR CORRECT**  
**ACCESSORY USAGE**

GROUND BAR

| GROUND BAR KITS                    |  | CAT. NO. |
|------------------------------------|--|----------|
| TYPE EC2GB KIT, 12 SCREWS          |  | EC2GB12  |
| TYPE EC2GB KIT, 12 SCREWS, 2/0 LUG |  | EC2GB122 |
| TYPE EC2GB KIT, 15 SCREWS          |  | EC2GB15  |
| TYPE EC2GB KIT, 15 SCREWS, 2/0 LUG |  | EC2GB152 |
| TYPE EC3GB KIT, 21 SCREWS          |  | EC3GB21  |
| TYPE EC3GB KIT, 21 SCREWS, 2/0 LUG |  | EC3GB212 |
| TYPE EC3GB KIT, 27 SCREWS          |  | EC3GB27  |
| TYPE EC3GB KIT, 27 SCREWS, 2/0 LUG |  | EC3GB272 |
| TYPE EC3GB KIT, 30 SCREWS          |  | EC3GB30  |
| TYPE EC3GB KIT, 30 SCREWS, 2/0 LUG |  | EC3GB302 |
| TYPE EC3GB KIT, 35 SCREWS, 2/0 LUG |  | EC3GB352 |

**SIEMENS**  
Siemens Industry, Inc.

|              |                                                                    |
|--------------|--------------------------------------------------------------------|
| Description: | <b>1 Phase, Indoor,<br/>30-40 Position, Main Breaker Cut Sheet</b> |
|--------------|--------------------------------------------------------------------|

|             |                      |                                |
|-------------|----------------------|--------------------------------|
| KAM 6/20/11 | DO NOT SCALE DRAWING | Dwg No. <b>1IN 30-40 PL MB</b> |
|-------------|----------------------|--------------------------------|