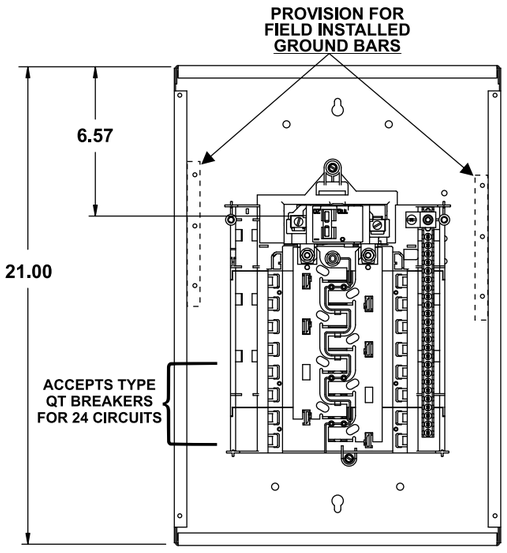
## Catalog Numbers, Features and Ratings

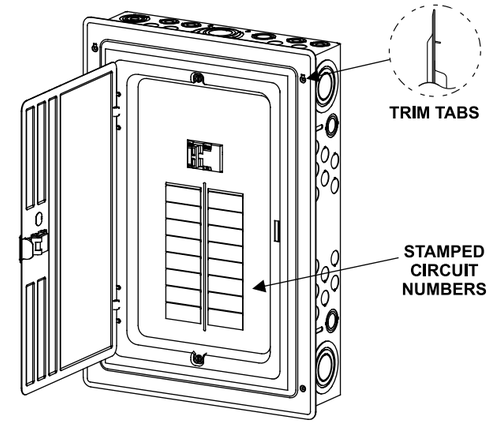
- 1 PHASE, 3 WIRE, 120/240V ~
- 100K AIC MAX. RATED
  (SEE WIRING DIAGRAM FOR DETAILS)
- CONVERTIBLE TO MAIN LUG
- INVERTIBLE
- TYPE N1 INDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED

| Catalog Number | ENCLOSURE DIMS L | W | D | Amps Max | Number Spaces | Number Circuits | Bus Bar Material | Bus Bar Plating | Percent Neutrals |
|---|---|---|---|---|---|---|---|---|---|
| A1624B1125 | 21.00 | 14.25 | 3.88 | 125 | 16 | 24 | Aluminum | Tin Plated | 100% |

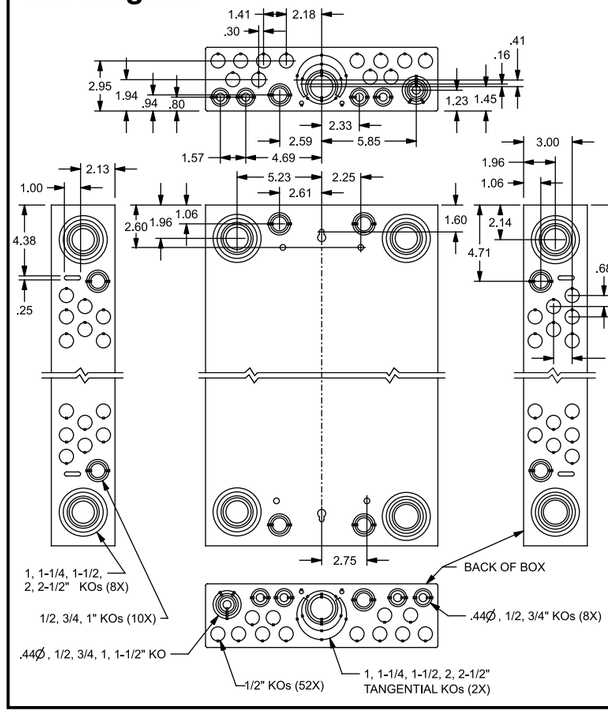
## A1624B1125




## Trim/Door Detail




## KO Diagram




## TERMINAL WIRE SIZES AND TORQUES

**A1624B1125**

**USE COPPER OR ALUMINUM 60°/75°C WIRE**

SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

| TERMINALS | WIRE | TORQUE |
|---|---|---|
| A, B, N, G | 2/0-4 AWG | 110 LB-INS |
| NEUTRAL/GROUND BARS (USE TYPE EC1GB or EC2GB 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<br>ECLK2 NEUTRAL LUG KIT | 2/0-2 AWG<br>2/0-4 AWG | 45 LB-INS<br>135 LB-INS |
| MAIN LUG/MAIN BRKR TO BUS CONNECTION (1/4-20 NUT) | | 45 LB-INS |
| BONDING SCREW | | 45 LB-INS |

## ACCESSORIES

| MAIN LUG / MAIN BREAKER KITS<br>USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL | |
|---|---|
| DESCRIPTION | CAT. NO. |
| 100 AMP MAIN BREAKER | MBK100A |
| 125 AMP MAIN BREAKER | MBK125A |
| 100-125 AMP MAIN LUG | ECMLK125 |

| ACCESSORIES | |
|---|---|
| DESCRIPTION | CAT. NO. |
| DOOR LOCK | ECQFL2 |
| FILLER PLATE, 1" | QF3 |
| BREAKER HOLD-DOWN | ECMBR2 |
| MAIN BREAKER FILLER PLATE | ECMBF125 |
| BONDABLE GROUND LUG | ECLKB1 |
| SUBFEED LUG KIT | ECLK2125 |
| SURF. MOUNT SPACER KIT | ECSMK1 |
| ARC FLASH LABEL | ECAFL |
| STANDBY PWR INTERLOCK KITS: ECSBPK01, ECSBPK02, ECSBPK04 | |

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

| GROUND BAR KITS | |
|---|---|
| DESCRIPTION | CAT. NO. |
| TYPE EC1GB KIT, 8 SCREWS | EC1GB8 |
| TYPE EC1GB KIT, 8 SCREWS, 2/0 LUG | EC1GB82 |
| 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 |

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**ES Series Load Centers™**

Description: **1 Phase, Indoor, 16 Position, Main Breaker Cut Sheet**

KAM 9/27/12 | DO NOT SCALE DRAWING | Dwg No: **A1624B1125**