

Catalog Numbers, Features and Ratings

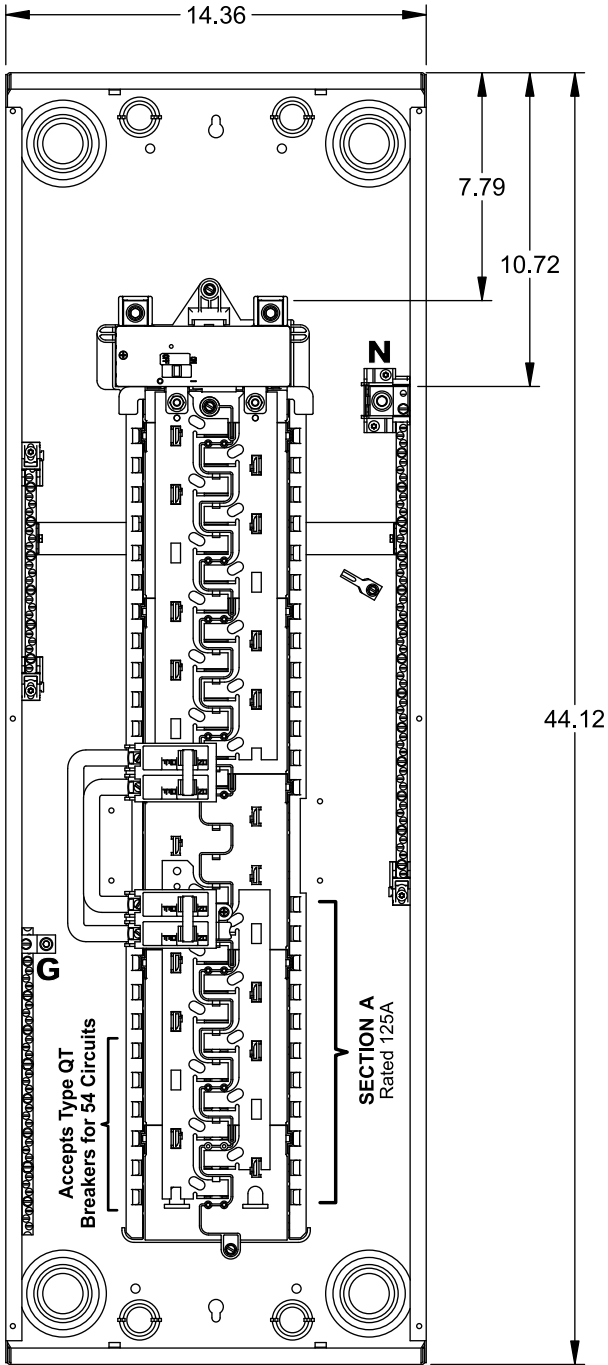
- 225A MAX., 1 PHASE, 3 WIRE, 120/240V ~
- 22K AIC MAX. RATED
(SEE WIRING DIAGRAM FOR DETAILS)
- 200A MAIN BREAKER INSTALLED, CONVERTIBLE TO MAIN LUG
- FLUSH OR SURFACE MOUNT
- TYPE N1 INDOOR ENCLOSURE
- ANSI 61 GRAY POWDER COATED ENCLOSURE
- INVERTIBLE
- ACCEPTS AUTOMATIC STANDBY GENERATOR WITH USE OF GENTFRSWTCH KIT; COMPATIBLE WITH SIEMENS, GENERAC, GUARDIAN AND CENTURION GENERATORS
- SUITABLE FOR USE WITH OPTIONAL STANDBY SYSTEMS IN ACCORDANCE WITH ARTICLE 702 OF THE NATIONAL ELECTRICAL CODE®, ANSI/NFPA 70.



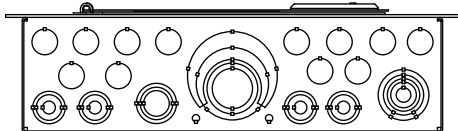
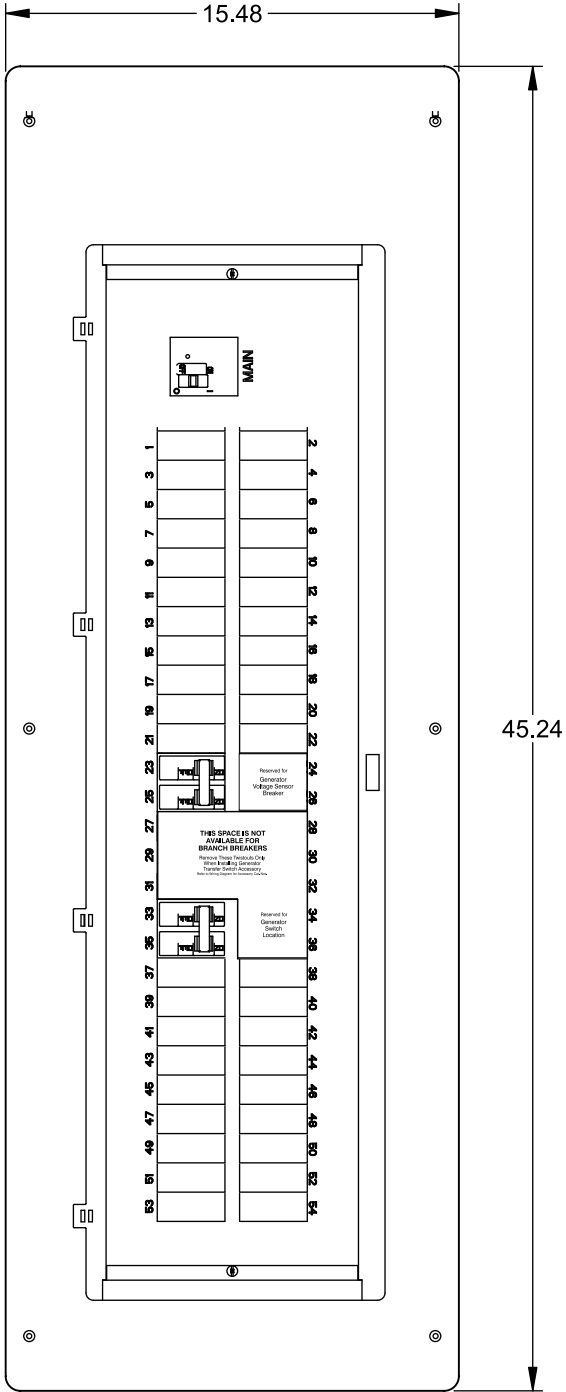
Catalog Number	ENCLOSURE DIMS (INSIDE)			Amps Max	Number Spaces	Number Circuits	Bus Bar Material
	L	W	D				
G4254B1200GEN	44.00	14.25	3.88	200	42	54	Copper

G4254B1200GEN

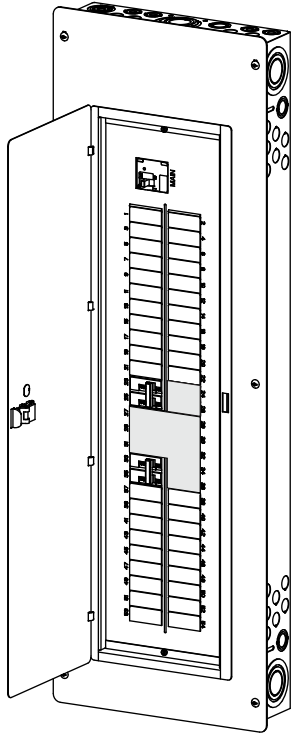
View Shown with Trim and Door Removed



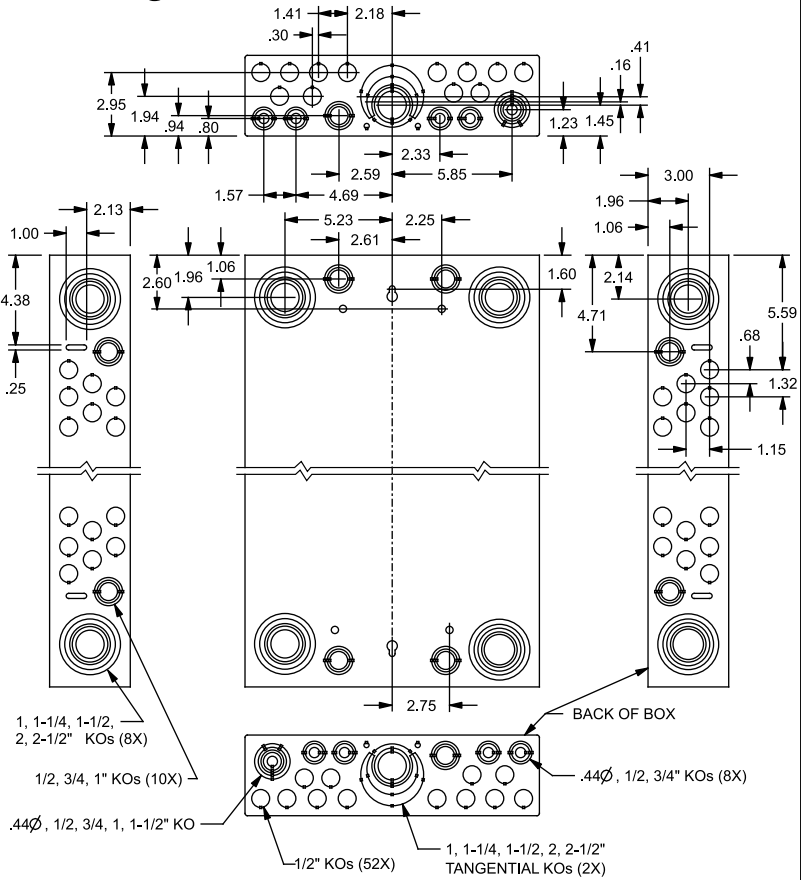
View Shown with Door Removed



Trim/Door Detail



KO Diagram



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GenReady Load Center

Description: **1 Phase, Indoor, 200A, 42 Position, 54 Ckt, Main Breaker**

KAM 4/13/15 DO NOT SCALE DRAWING Dwg No: **G4254B1200GEN**

GENERATOR INFORMATION

This load center is “generator ready” for use with automatic standby generators. The addition of a transfer operator and breaker will convert this load center into a generator transfer panel. This load center has two interiors, both of which are powered when utility power is present. When being backed up by a generator, only one interior containing all critical circuits is backed up. Standby generators will operate off of natural gas or liquid propane vapor.

Visit www.sea.siemens.com/generators to:

- Find a local Authorized Siemens Distributor to purchase a Siemens Standby Generator
 - Find up to date product information including catalog numbers, ratings, and owner’s manuals
- You can also find local Authorized Siemens Installers or Distributors by calling (800) 964-4114.

Visit www.generac.com to:

- Find a local sales outlet for Generac or Guardian Standby Generators
 - Find up to date product information including catalog numbers, ratings, and owner’s manuals
- You can also get additional information by calling (888)GENERAC.

The most commonly sold generator sizes that are compatible with this load center are listed to the right. Visit www.sea.siemens.com/generators or www.generac.com to view entire product line ups.

kiloWatt Rating	Ampere Rating
7	29
10	42
13	54
16	67
18	75
20	83
25	104
30	125

TERMINAL WIRE SIZES AND TORQUES

USE COPPER OR ALUMINUM 60°/75°C WIRE

SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

TERMINALS	WIRE	TORQUE
N	300 kcmil-4 AWG	250 LB-IN
G	2/0 - 6 AWG	90 LB-IN
NEUTRAL AND EQPT GROUND BAR		
SMALL TERMINALS	10 - 14 AWG	20 LB-IN
	8 AWG	25 LB-IN
	6 AWG	35 LB-IN
LARGE TERMINALS	10 - 14 AWG	35 LB-IN
	8 AWG	40 LB-IN
	1/0 - 6 AWG	45 LB-IN
ECLK2SC NEUTRAL LUG KIT	2/0 - 6 AWG	50 LB-IN
MAIN LUG/MAIN BRKR TO BUS CONNECTION (1/4-20 NUT)		45 LB-IN

EQUIPMENT GROUND BAR

TERMINALS ARE SUITABLE FOR THE FOLLOWING WIRE COMBINATIONS:

SMALL TERMINALS: ONE 14 TO 6 AWG CU; ONE 12 TO 6 AWG AL; TWO 14 AWG CU; TWO 12 AWG CU; TWO 12 AWG AL SOLID WIRES.

LARGE TERMINALS: ONE 14 TO 2 AWG CU; ONE 12 TO 2 AWG AL; TWO OR THREE 14 AWG CU; TWO OR THREE 12 AWG CU OR AL; TWO 10 AWG CU; TWO OR THREE 10 AWG AL; THREE 10 AWG CU SOLID WHEN TORQUED TO 50 LB-IN; THREE 10 AWG CU STRANDED.

ACCESSORIES

MAIN LUG / MAIN BREAKER KITS

USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL.

DESCRIPTION	CAT. NO.
150 AMP MAIN BREAKER	MBK150A
200 AMP MAIN BREAKER	MBK200A
225 AMP MAIN BREAKER	MBK225A
150-225 AMP MAIN LUG	ECMLK225

REFER TO WIRING DIAGRAM FOR CORRECT ACCESSORY USAGE

ACCESSORIES

DESCRIPTION	CATALOG NO.
DOOR LOCK	ECQFL2
FILLER PLATE, 1"	QF3
BREAKER HOLD-DOWN	ECMBR2
GROUND BAR KITS	USE "ECLX" SERIES
GENERATOR TRANSFER SWITCH	GENTFRSWTCH