Catalog Numbers, Features and Ratings

- 225A MAX, 1 PHASE, 3 WIRE, 120/240V ~
- 22K AIC MAX, RATED (SEE WIRING DIAGRAM FOR DETAILS)
- MAIN LUG, CONVERTIBLE TO MAIN BREAKER
- 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.

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 Installer

or Distributors by calling (800) 964-4114.

Visit www.generac.com to:

- Find a local sales outlet for Generac or Guardia Standby Generators
- Find up to date product information including catalo numbers, ratings, and owner's manuals You can also get additional information by callin (888)GENERAC.
- The most commonly sold generator sizes that are compatible with this load center are listed to the right. Visit <u>www.sea.siemens.com/generators</u> or <u>www.generac.com</u> to view entire product line ups.

U		
g	kiloWatt Rating	Ampere Rating
S	7	29
	10	42
n	13	54
g	16	67
	18	75
g	20	83
е	25	104
e or	30	125

→ 3.94 **→**

 \bigcirc

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		
A, B	300 kcmil-4 AWG	275 LB-IN		
N	300 kcmil-4 AWG	250 LB-IN		
G	2/0 - 6 AWG	90 LB-IN		
NEUTRAL AND EQPT GROUND BAR				
SMALL TERMINALS LARGE TERMINALS	10 - 14 AWG 8 AWG 6 AWG 10 - 14 AWG 8 AWG 1/0 - 6 AWG	20 LB-IN 25 LB-IN 35 LB-IN 35 LB-IN 40 LB-IN 45 LB-IN		
ECLK2SC NEUTRAL LUG KIT	2/0 - 6 AWG	50 LB-IN		
MAIN LUG/MAIN BRKR TO BUS 45 LB-IN CONNECTION (1/4-20 NUT)				

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

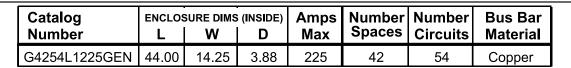
ACCESSORIES

MAIN LUG / MAIN BREA	AKER 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

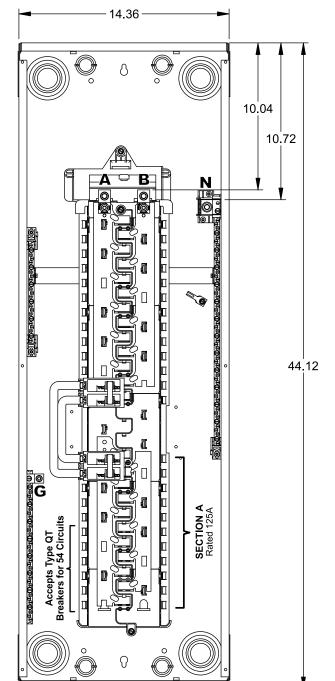
REFER TO WIRING DIAGRAM FOR CORRECT ACCESSORY USAGE

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		

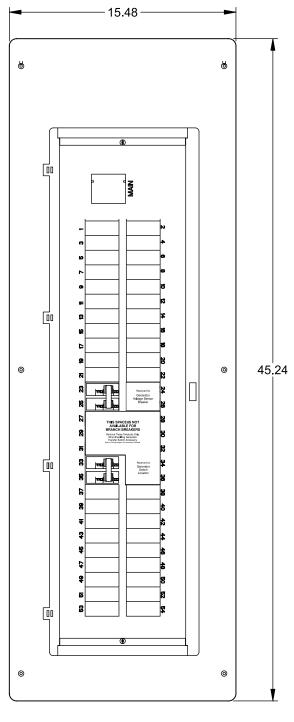


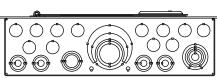
G4254L1225GEN

View Shown with Trim and Door Removed

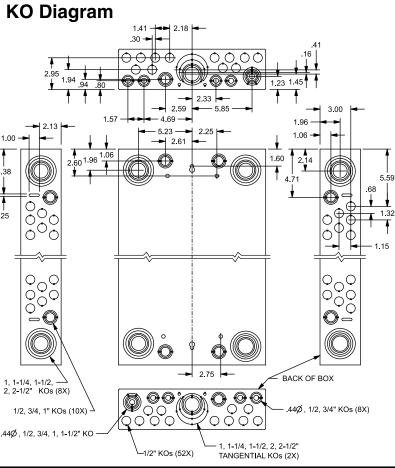


View Shown with Door Removed









© 2015 Copyright Siemens Industry, Inc.



GenReady Load Center

1 Phase, Indoor, 225A 42 Position, 54 Ckt, Main Lug

KAM 4/13/15 DO NOT SCALE DRAWING No. G4254L1225GEN

