

SIEMENS 3 Phase Indoor Load Center

Catalog Number **G4242B3225CU** Series **A** Enclosure **Type 1**

RATINGS:

225A MAXIMUM - SEE MAIN BREAKER RATING.

240/120 V ~, 3Ø 4W DELTA

208Y/120 V ~, 3Ø 4W

240 V ~, 3Ø 3W

WHEN USED ON A 240/120 V ~, 3 PHASE, 4 WIRE DELTA SYSTEM, THE CENTER BUS MUST BE CONNECTED TO THE PHASE HAVING THE HIGHEST VOLTAGE TO GROUND. ALL BREAKERS CONNECTED TO THIS BUS MUST BE RATED 240 V ~. WHEN USED ON A 240 V ~, 3 PHASE, 3 WIRE SYSTEM, ALL BREAKERS MUST BE RATED 240 V ~.

FOR INSTALLATION BY A QUALIFIED PERSON IN ACCORDANCE WITH ALL LOCAL ELECTRICAL CODES AND/OR THE NATIONAL ELECTRICAL CODE @.

SUITABLE FOR USE AS SERVICE

EQUIPMENT. WHEN USED AS SERVICE EQUIPMENT, APPLY "SERVICE DISCONNECT" LABEL TO FRONT NEXT TO MAIN BREAKER HANDLE.

WHEN USED AS SERVICE EQUIPMENT, UNUSED NEUTRAL BAR TERMINALS MAY BE USED TO TERMINATE EQUIPMENT GROUNDING WIRES IN THE COMBINATIONS INDICATED FOR EQUIPMENT GROUND BAR TERMINALS.

REMOVE TWISTOUTS FROM TRIM ONLY WHERE BREAKERS WILL BE INSTALLED. ALL OPENING MUST BE FILLED WITH BREAKERS OR FILLER PLATES.

TO RESET BREAKERS WITH TRIPPED HANDLE POSITION BETWEEN "ON" AND "OFF", MOVE HANDLE TO "OFF" THEN TO "ON".

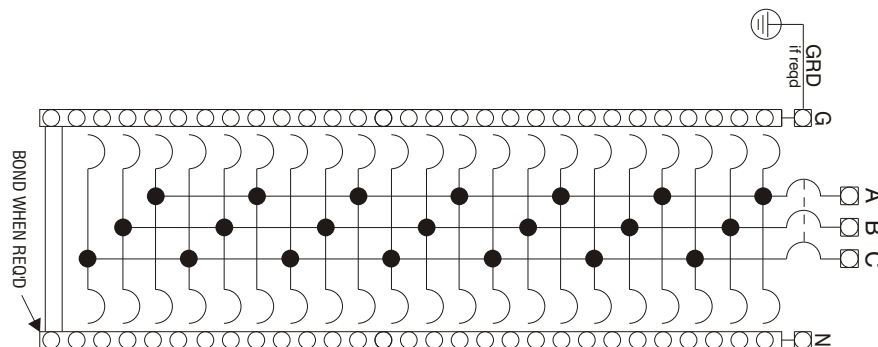
USE COPPER OR ALUMINUM 60°/75°C WIRE

TERMINALS	WIRE	TORQUE
A, B, C	SEE MARKING ON BREAKER	
N	300 KCMIL - 6 AWG	340 LB-INS
G	2/0 - 4 AWG	45 LB-INS
NEUTRAL/GROUND (USE TYPE "ECGB" GROUND BAR KIT ACCESSORY)	14-10 AWG 8 AWG 6 AWG 4 AWG	20 LB-INS 25 LB-INS 35 LB-INS 45 LB-INS
GRD CONDUCTORS ONLY	(2) or (3) 14 AWG (2) 12-10 AWG	20 LB-INS
ECLK1-2 (ACCESSORY)	2/0-2 AWG	45 LB-INS
ECLK2 (ACCESSORY)	2/0-4 AWG	135 LB-INS
ECLK3 (ACCESSORY)	300 KCMIL - 1 AWG	340 LB-INS
BRANCH BREAKERS	SEE MARKING ON BREAKER	
TYPE "ECLK" SUBFEED LUG KIT	SEE MARKING ON LUG KIT	

ACCESSORIES	
DESCRIPTION	CAT. NO.
INS. NEUTRAL TIE STRAP	ECINTS
MAIN BREAKER RETAINER	ECMBR1
FILLER PLATE	ECQF3
DOOR LOCK	ECQFL2
SUBFEED LUG KIT	ECLK2125 ECLK2150 ECLK2225 ECLK3150 ECLK3225

FOR TOP FEED APPLICATION, SERVICE CONDUCTOR SIZE LIMITED TO 250 KCMIL.

SHORT CIRCUIT CURRENT RATING THIS PANELBOARD HAS A MAXIMUM SHORT CIRCUIT CURRENT RATING OF 10,000 AMPS RMS SYMMETRICAL, 240 V~ WITH SIEMENS TYPE QJ2 MAIN BREAKER INSTALLED AND WHEN USED WITH SIEMENS TYPE QP, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, AND QEH CIRCUIT BREAKERS. ANY CIRCUIT BREAKER INSTALLED, REPLACED, OR ADDED IN THIS PANELBOARD MUST BE MANUFACTURED BY SIEMENS AND MUST BE ONE OF THE ABOVE TYPES. USE OF OTHER CIRCUIT BREAKERS IN THIS EQUIPMENT WILL VOID THE WARRANTY.



@ The National Electrical Code is a registered trademark of the National Fire Protection Association.
© 2007 Copyright Siemens Energy & Automation, Inc.

Assembled in Mexico

Siemens Energy & Automation, Inc. Alpharetta, Georgia U.S.A.

J2

4094846 Rev.B

IMPORTANT: DO NOT ALLOW PETROLEUM BASED (HYDROCARBON) SPRAYS, CHEMICALS, SOLVENTS OR ANY PAINT TO CONTACT INTERIOR COMPONENTS. PETROLEUM BASED CHEMICALS CAN CAUSE DEGRADATION OF ELECTRICAL INSULATING MATERIALS.

⚠ DANGER

Hazardous Voltage.
Will cause death, serious injury or substantial property damage.

Turn off power supplying this equipment before working inside.



⚠ PELIGRO

Voltaje peligroso. Causará la muerte, lesiones graves o daño substancial a la propiedad.

Desconecte el suministro de energía a este equipo antes de trabajar en su interior.