

SIEMENS 3 Phase Indoor Load Center

Catalog Number **G4242L3225CU** Series - Enclosure Type 1

RATINGS:
 225A MAXIMUM - SEE RATING OF MAIN BREAKER IF USED
 BACKFED MAIN BREAKER REQUIRES ECMBR1 RETAINER
 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 ~.

SUITABLE FOR USE AS SERVICE EQUIPMENT WHEN MAIN BREAKER IS INSTALLED.

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".

THIS LOADCENTER IS INVERTIBLE FOR BOTTOM FEED APPLICATIONS.

USE COPPER OR ALUMINUM 60°/75°C WIRE

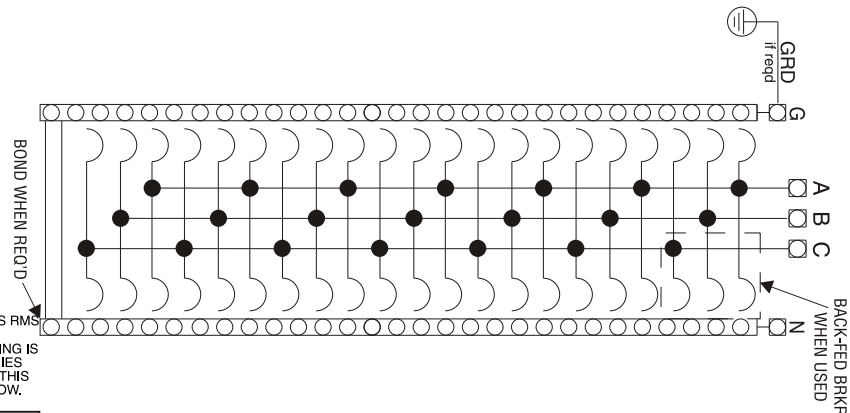
TERMINALS	WIRE	TORQUE
A, B, C & N	300 KCMIL - 6 AWG	340 LB-INS
G	2/0-4 AWG	45 LB-INS
NEUTRAL/GROUND (USE TYPE "ECGB" GROUND BAR KIT ACCESSORY)	14-10 AWG 8 AWG 6 AWG 4 AWG	20 LB-INS 25 LB-INS 35 LB-INS 45 LB-INS
GRD CONDUCTORS ONLY	(2) or (3) 14 AWG (2) 12-10 AWG	20 LB-INS
ECLK1-2 (ACCESSORY)	2/0-2 AWG	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

SHORT CIRCUIT CURRENT RATING THIS PANELBOARD HAS A MAXIMUM SHORT CIRCUIT CURRENT RATING OF 65,000 AMPS RMS SYMMETRICAL, 240V ~. THE ACTUAL RATING IS DEPENDENT ON THE BRANCH BREAKERS INSTALLED IN THIS PANELBOARD AND THE MAINFEEDER BREAKER. IF ANY INSTALLED AHEAD OF THIS PANELBOARD, IF NO MAINFEEDER BREAKER IS USED THE ACTUAL RATING IS EQUAL TO THE LOWEST INTERRUPTING RATING OF ANY INSTALLED BREAKER. THE CORRECT MAINFEEDER/BRANCH BREAKER SERIES COMBINATIONS TO BE USED ARE LISTED IN THE TABULATION BELOW. ANY CIRCUIT BREAKER INSTALLED, REPLACED, OR ADDED IN THIS PANELBOARD MUST BE MANUFACTURED BY SIEMENS AND MUST BE OF THE CORRECT TYPE AS INDICATED IN THE TABULATION BELOW. USE OF OTHER CIRCUIT BREAKERS IN THIS EQUIPMENT WILL VOID THE WARRANTY.

MAIN BREAKER	FEEDER/MAIN BREAKER	BRANCH BREAKER	THEN THE MAX. SHORT CIRCUIT CURRENT RATING IN RMS SYMMETRICAL AMPS, 120/240V ~ IS
WHEN THE MAIN PROTECTING THE SYSTEM IS A	AND THE BREAKER PROTECTING THIS PANELBOARD, SEPARATE OR INTERGRAL, IS A SIEMENS TYPE	AND THE BRANCH BREAKERS INSTALLED ARE SIEMENS TYPE	
NONE USED OR SIEMENS BREAKER TYPES JXD2(-A), JD6(-A), JXD6(-A), HJD6(-A), HJXD6(-A), LD6(-A), LXD6(-A), HLD6(-A), HLXD6(-A), MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, PD6, PDXD6, HPD6, HRPD6, HRPXD6, RD6, RXD6, HRD6, HRXD6, OR CLASS J, T, R OR L FUSES	QP, BQ, BL, QJ2	QP, QG, QPH, HQP, QPHF, QPF, QE, QEH, QAF, QAFH	10,000
NONE USED	QPH, BQH, BLH	QP, QPH, HQP, QPF, QPHF, QE, QEH, QAF, QAFH	22,000
NONE USED OR SIEMENS BREAKER TYPES MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, PD6, PDXD6, HPD6, HRPD6, HRPXD6, RD6, RXD6, HRD6, HRPXD6, OR CLASS J, T, R OR L	QJH2 QJ2H	QP**, QPH, HQP, QPF, QPHF, QE, QEH, QAF, QAFH QP**, QPH, HQP	42,000
SIEMENS BREAKER TYPES FD6(-A), FXD6(-A)	NONE USED	QP, QPH, HQP	
SIEMENS BREAKER TYPES JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A) CLASS J, T, R OR L FUSES	QJH2, QJ2H NONE USED	QPH, HQP	
SIEMENS BREAKER TYPES FD6(-A), FXD6(-A), JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A), MD6, MXD6, ND6, NXD6, PD6, PDXD6, HPD6, HRPD6, HRPXD6	HQJ2H	QP (EXCEPT 30A), QPH, HQP, QPF, QPHF, QE, QEH, QAF, QAFH	65,000
SIEMENS BREAKER TYPES ED4, ED6	QPH, BQH, BLH, HQP, HBQ, HBL NONE USED OR QP, BQ, BL, QPH, BQH, BLH, HQP, HBQ, HBL HQP, HBQ, HBL	QP, QPH, HQP, QPF, QPHF, QE, QEH, QAF, QAFH	
NONE USED			
SIEMENS BREAKER TYPES HJD6(-A), HJXD6(-A), HLD6(-A), HLXD6(-A), HMD6, HMXD6, HND6, HNXD6, HPD6, HRPD6, HRPXD6, RD6, RXD6, HRD6, HRXD6 OR CLASS J, T, R OR L FUSES	QPH, BQH, BLH, HQP, HBQ, HBL		

* VOLTAGE RATING IS 240 V ~. WHEN USED ON A 3-PHASE 3-WIRE SYSTEM AND ALL BREAKERS ARE RATED 240 VOLTS ONLY
 ** FOR 3 POLE QP BREAKERS, 60-100 AMP ONLY.



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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.