

# SIEMENS

## Indoor Load Center

Catalog Number: **G2440B1200**  
**G2440L1200**  
**G2440L1200CU**

Series: -  
 Enclosure: **Type 1**

RATINGS: 200A MAXIMUM - SEE MAIN BREAKER RATING IF USED.  
 BACK-FED BREAKER REQUIRES HOLD-DOWN KIT ECMBR2.  
 120/240 V~, 60 HZ, 1Ø 3W  
 208Y/120 V~, 60 HZ, 1Ø 3W

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 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.

WHEN THE NEUTRAL TIE STRAP IS REMOVED, THE LEFT NEUTRAL BAR WILL BECOME THE EQPT. GROUND. INSTALL LUG KIT ECLKB1 ON MAIN LUG DEVICES. ON MAIN BREAKER DEVICES, MOVE GREEN BONDING SCREW TO LEFT BAR.

SUM OF QT BREAKER RATING IS NOT TO EXCEED 110 AMPS PER BRANCH CIRCUIT BUS STAB.

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

Siemens Energy & Automation, Inc. Alpharetta, Georgia U.S.A. **J2** 4094808 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.

### SHORT CIRCUIT CURRENT RATING

THIS PANELBOARD HAS A MAXIMUM SHORT CIRCUIT CURRENT RATING OF 100,000 AMPS RMS SYMMETRICAL, 120/240V~. THE ACTUAL RATING IS DEPENDENT ON THE BRANCH BREAKERS INSTALLED IN THIS PANELBOARD AND THE MAIN FEEDER BREAKER. IF ANY, INSTALLED AHEAD OF THIS PANELBOARD. THE CORRECT MAIN BREAKER/FEEDER/MAN BREAKER/PANELBOARD MAIN BREAKER/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	PANELBOARD MAIN	BRANCH BREAKER	THEN THE MAX. SHORT CIRCUIT CURRENT RATING IN RMS SYMMETRICAL AMPS, 120/240 V~ IS
WHEN THE MAIN PROTECTING THE SYSTEM IS A	AND THE BREAKER PROTECTING THIS PANELBOARD IS A SIEMENS TYPE	AND THE INSTALLED MAIN BREAKER IN THIS PANELBOARD IS A SIEMENS TYPE	AND THE BRANCH BREAKERS INSTALLED ARE SIEMENS TYPE	
NONE USED	QN, QNR	NONE USED, EQ8693, EQ8695 OR QP	QP, QT, QPH, HQP, QPF, QPHF, QP, QE, QEH, QAF, QAFH, QNR, QNRH, HQNR	10,000
NONE USED OR SIEMENS BREAKER TYPES FD6(-A), FXD6(-A), HFD6, HFXD6, 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, PXD6, HPD6, HPXD6, RD6, RXD6, HRD6, HRXD6, OR CLASS J, T, R OR L FUSES	QPP, QJ2, QPM	EQ8693 OR EQ8695	QP, QT, QPH, HQP, QPF, QPHF, QP, QE, QEH, QAF, QAFH, QNR, QNRH, HQNR	22,000
NONE USED	QNH, QNRH	NONE USED, EQ8693, EQ8695 OR QPH	QPH, QPHF, QEH, QAFH, QNRH, HQNR	42,000
NONE USED	QPPH, QJH2	NONE USED	QP, QPH, HQP, QNR, QNRH, HQNR	65,000
NONE USED	QJ2H	NONE USED	HQP, HQNR	100,000
SIEMENS BREAKER TYPES FD6(-A), FXD6(-A), HFD6, HFXD6, 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, PXD6, HPD6, HPXD6, RD6, RXD6, HRD6, HRXD6, OR CLASS J, T, R OR L FUSES	QNH, QNRH, QNR, QNRH, HQNR, HQPP	NONE USED, EQ8693, EQ8695 OR HQP	QP, QT, QPH, HQP, QPF, QPHF, QP, QE, QEH, QAF, QAFH, QNR, QNRH, HQNR	
NONE USED	HQPP, HQNR, HQNR	NONE USED	HQP, HQNR	
NONE USED	HQPPH	NONE USED OR EQ8693 OR EQ8695	QP, QT, QPH, HQP, QPF, QPHF, QP, QE, QEH, QAF, QAFH	
NONE USED	HQJ2H	NONE USED		

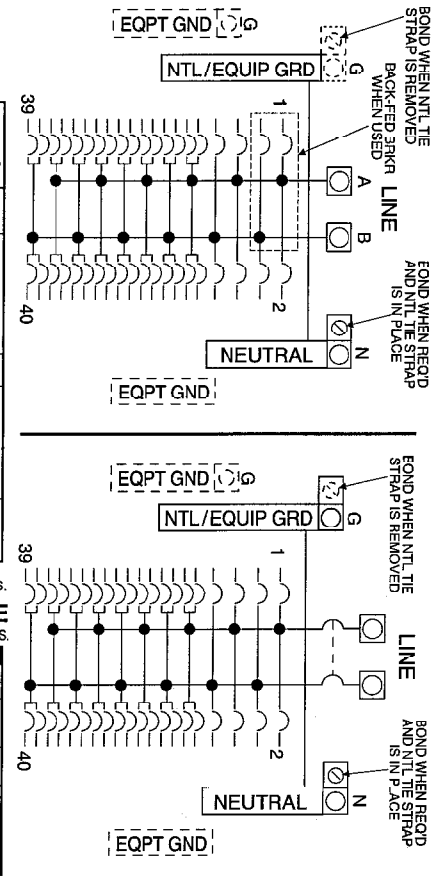
‡ THIS PANELBOARD IS A MAIN LUG DEVICE THAT MAY BE CONVERTED TO MAIN BREAKER WITH THE ADDITION OF FIELD INSTALLED MAIN BREAKER KIT OR A MAIN BREAKER DEVICE THAT MAY BE CONVERTED TO MAIN LUG WITH THE ADDITION OF MAIN LUGS. SEE ACCESSORY TABLE FOR CATALOG NUMBERS OF APPROPRIATE KITS.

REMOVE TWISTOUTS FROM TRIM ONLY WHERE BREAKERS WILL BE INSTALLED. ALL OPENINGS MUST BE FILLED WITH BREAKERS OR FILLER PLATES. USE TWO QF3 FILLER PLATES TO FILL 150-225A MAIN BREAKER OPENING.

**USE COPPER OR ALUMINUM 60°/75°C WIRE**  
 SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

MAIN LUG / MAIN BREAKER KITS		ACCESSORIES	
DESCRIPTION	CAT. NO.	DESCRIPTION	CAT. NO.
USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL.		DOOR LOCK	ECQGL2
150 AMP MAIN BREAKER	MBK150A	FILLER PLATE, 1"	QF3
200 AMP MAIN BREAKER	MBK200A	BREAKER HOLD-DOWN	ECMBR2
150-225 AMP MAIN LUG	ECMLR225	BONDABLE GROUND LUG	ECLKB1
		SUBFEED LUG KITS: ECLK2125, ECLK2150, ECLK2225	
		STANDBY PWR INTERLOCK KITS: ECSBP01, ECSBP02, ECSBP03, ECSBP05, ECSBP06, ECSBP07	

Assembled in Mexico  
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COLOR: PMS485 (RED)

PRINT COLOR: BLACK EXCEPT AS SHOWN

MATERIAL: FASSON UL LITHO 40FS-7305G (SPEC# 10254)

ALTERNATE MATL: 60# FASSON CRACK'N'PEEL PLUS, UNCOATED OFFSET, SUPER PERMANENT ADHESIVE WITH 83# LINER

DESIGN RESPONSIBILITY LOCATION:		
<b>SEA-NORCROSS</b>		
PRINT DISTRIBUTION		
ECN COPIES MUST BE ISSUED TO ALL CHECKED LOCATIONS FOR APPROVAL PRIOR TO CHANGE		
<input type="checkbox"/> SEA-TUC	<input type="checkbox"/> SEA-DRM	<input type="checkbox"/> McPHER
<input type="checkbox"/> SEA-NOR	<input type="checkbox"/> DUR-LEB	<input type="checkbox"/> CHOICE
<input type="checkbox"/> SEA-EL	<input type="checkbox"/> DUR-HOU	<input type="checkbox"/> IC-ASY
<input checked="" type="checkbox"/> SEA-IT2	<input type="checkbox"/> SEA-BEL	<input type="checkbox"/> *

					-CONFIDENTIAL- PROPERTY OF <b>Siemens Energy &amp; Automation, Inc.</b> Residential Products Division					
					<b>WIRING DIAGRAM</b>					
					UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TOLERANCES:			
					.XX ±.12		.XXX			
					HOLE DIAMETER ±.005		ANGULAR			
					UNDIMENSIONED 90° ANGLES ±0°30'					
					DWN	KAM	DATE	5/25/04	SIZE	B
					CHK	CDH	DATE	6/2/04	ISSUE RELEASE NO.	04-015-01
					APVD	CDH	DATE	6/2/04	DWG. NO.	<b>4094808</b>
					SCALE	1:1	DO NOT SCALE DRAWING		SHEET	1 OF 1
1st ARTICLE	EDR NO.	REV	DATE	DESCRIPTION	BY					
	05-042-10	B	11/23/05	REVISE FOR TRANSFER TO ITESA2. TRANSFER DES. CONTROL TO NORCROSS.	KAM					
	04-015-01	A	5/25/04	ISSUE - REPLACES 4099520	KAM					