

Catalog Number  
**LC4040L1200**  
**LC4040L1200CU**

Model  
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Enclosure  
Type 1

**Indoor Load Center**

**RATINGS:**

200A MAXIMUM - SEE MAIN BREAKER RATING IF USED.  
BACK-FED BREAKER REQUIRES HOLD-DOWN KIT MBR2M.  
120/240 V~, 60 HZ, 1Ø 3W  
208Y/120 V~, 60 HZ, 1Ø 3W

**SUITABLE FOR USE AS SERVICE EQUIPMENT WHEN MAIN BREAKER IS INSTALLED.** WHEN USED AS SERVICE EQUIPMENT, APPLY "SERVICE DISCONNECT" LABEL TO FRANT 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.

TO BOND NEUTRAL TO ENCLOSURE: (1) REMOVE SCREW SECURING BOND STRAP. (2) INSERT ROUND END OF BOND STRAP INTO LARGE HOLE OF NEUTRAL IN LINE WITH BOND STRAP MOUNTING HOLE. (3) REASSEMBLE BOND STRAP TO ENCLOSURE WITH SCREW PROVIDED. TIGHTEN TO 25 LB-IN. (4) TIGHTEN CONNECTOR SET SCREW ON ROUND END OF BOND STRAP TO 45 LB-IN. WITH NEUTRAL BONDED, LEFT BAR BECOMES SPLIT NEUTRAL.

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

REMOVE TWISTOUTS FROM TRIM ONLY WHERE BREAKERS WILL BE INSTALLED. ALL OPENINGS MUST BE FILLED WITH BREAKERS OR FILLER PLATES. USE TWO LX100FP FILLER PLATES TO FILL 150-225A MAIN BREAKER OPENING.

THIS LOAD CENTER IS INVERTIBLE FOR BOTTOM FEED APPLICATIONS.

4099723 Rev.A

**Murray Electrical Products**

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

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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  
substantial 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/FEEEDER BREAKER, IF ANY, INSTALLED AHEAD OF THIS PANELBOARD. THE CORRECT MAIN BREAKER/FEEEDER/MAIN 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 (MURRAY BRAND) 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	FEEEDER/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 TYPE	AND THE INSTALLED MAIN BREAKER IN THIS PANELBOARD IS A TYPE	AND THE BRANCH BREAKERS INSTALLED ARE TYPE	
NONE USED	MD-T, MD-TR	NONE USED, M2 OR MP-T	MP-T, MG, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT, MD-TR, MD-HTR, MD-MTR	10,000
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, OR CLASS J, T, R OR L FUSES	MPP-T, MQ	M2 OR MP-HT	MP-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT, MD-TR, MD-HTR, MD-MTR	22,000
NONE USED	MD-HT, MD-HTR	NONE USED OR M2	MP-HT, MP-HGT, MP-HET, MP-HAT, MD-HTR	42,000
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, OR CLASS J, T, R OR L FUSES	MPP-HT, MQH	NONE USED	MP-T, MP-HT, MP-MT, MD-TR, MD-HTR, MD-MTR	65,000
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, OR CLASS J, T, R OR L FUSES	MD-T, MD-HT, MD-MT, MD-TR, MD-HTR, MD-MTR, MPP-MT	NONE USED, M2 OR MP-MT	MP-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT, MD-TR, MD-HTR, MD-MTR	100,000
NONE USED	NONE USED	NONE USED	MP-MT, MD-MTR	
NONE USED OR SIEMENS BREAKER TYPES HJD6(-A), HJXD6(-A), HLD6(-A), HLXD6(-A), HMD6, HMXD6, HND6, HNXD6, OR CLASS T FUSES	MPP-PT	NONE USED OR M2	MP-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT	
CLASS L FUSES	HQJ2H	NONE USED		

‡ THIS PANELBOARD IS EITHER 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.

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

TERMINALS	WIRE	TORQUE	EQUIPMENT GROUND BAR
A, B	300 kcmil-4 AWG	275 LB-IN	TERMINALS ARE SUITABLE FOR THE FOLLOWING WIRE COMBINATIONS:
N	300 kcmil-4 AWG	250 LB-IN	<b>SMALL TERMINALS:</b> 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.
G	2/0 - 6 AWG	90 LB-IN	<b>LARGE TERMINALS:</b> 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.
<b>NEUTRAL AND EQPT GROUND BAR</b>			
SMALL TERMINALS	10 - 14 AWG 8 AWG 6 AWG	20 LB-IN 25 LB-IN 35 LB-IN	
LARGE TERMINALS	10 - 14 AWG 8 AWG 1/0 - 6 AWG	35 LB-IN 40 LB-IN 45 LB-IN	
LX081M NEUTRAL LUG KIT	2/0 - 6 AWG	50 LB-IN	
MAIN LUG/MAIN BRKR TO BUS CONNECTION (1/4-20 NUT)		45 LB-IN	

  

ACCESSORIES	
DESCRIPTION	CAT. NO.
DOOR LOCK	QFL2M
FILLER PLATE, 1"	LX100FP
BREAKER HOLD-DOWN	MBR2M
GROUND BAR KITS - USE "LX" SERIES	

  

MAIN LUG / MAIN BREAKER KITS	
USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL.	
DESCRIPTION	CAT. NO.
150 AMP MAIN BREAKER	MBK150M
200 AMP MAIN BREAKER	MBK200M
150-225 AMP MAIN LUG	MLK225M

