Catalog Number	Model	Enclosure
LC1632L1125	**-**	**Type 1**

Indoor Load Center

RATINGS:
125A 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

RATING LIMITED TO 100A WHEN SUBJECT TO NEW YORK CITY ELEC. CODE BULLETIN NO. 125.

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.

TO BOND NEUTRAL TO ENCLOSURE, BEND STRAP PROVIDED TO POSITION FREE END INTO ANY NEUTRAL TAP HOLE. TIGHTEN CONNECTOR SET SCREW ON BOND STRAP TO 35 LB-IN. WHEN NEUTRAL IS BONDED, LEFT BAR BECOMES SPLIT NEUTRAL.

SUM OF MH-T 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".

REMOVE TWISTOUTS FROM TRIM ONLY WHERE BREAKERS WILL BE INSTALLED. ALL OPENINGS MUST BE FILLED WITH BREAKERS OR FILLER PLATES. USE ONE MBF125M FILLER PLATE TO FILL 100-125A MAIN BREAKER OPENING.

THIS LOAD CENTER IS INVERTIBLE FOR BOTTOM FEED APPLICATIONS.

4099715 Rev.A

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

T

MURRAY

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/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	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 TYPE	AND THE INSTALLED MAIN BREAKER IN THIS PANELBOARD IS A TYPE	AND THE BRANCH BREAKERS INSTALLED ARE 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, OR CLASS J, T, R OR L FUSES	MP-T	NONE USED, M1 OR MP-T	MP-T, MG, MH-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT MP-HAT	10,000
NONE USED	MP-HT	NONE USED OR M1	MP-T, MH-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT	22,000
NONE USED	NONE USED	M1 OR MP-HT		
NONE USED	NONE USED	NONE USED	MP-HT, MP-HET, MP-HGT, MP-HAT	
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	MP-T, MP-HT, MP-MT	NONE USED, M1 OR MP-MT	MP-T, MH-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT	65,000
NONE USED	MP-MT			
	NONE USED	NONE USED	MP-MT	
300V T FUSES - 200A MAX	NONE USED, MP-T, MP-HT OR MP-MT	NONE USED OR M1	MP-T, MH-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT	100,000 SR-MTH

‡ 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
A, B	2/0 - 4 AWG	110 LB-IN
NEUTRAL AND EQPT GROUND BAR		
SMALL TERMINALS	10 - 14 AWG	20 LB-IN
	8 AWG	25 LB-IN
	6 AWG	35 LB-IN
LARGE TERMINALS	10 - 14 AWG	35 LB-IN
	8 AWG	40 LB-IN
	1/0 - 6 AWG	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

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 50 LB-IN; THREE 10 AWG CU STRANDED.

ACCESSORIES	
DESCRIPTION	CAT. NO.
DOOR LOCK	QFL2M
FILLER PLATE, 1"	LX100FP
BREAKER HOLD-DOWN	MBR2M
MAIN BREAKER FILLER PLATE	MBF125M
GROUND BAR KITS - USE "LX" SERIES	

MAIN LUG / MAIN BREAKER KITS	
USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL.	
DESCRIPTION	CAT. NO.
100 AMP MAIN BREAKER	MBK100M
125 AMP MAIN BREAKER	MBK125M
100-125 AMP MAIN LUG	MLK125M



