

Catalog Number **LW2040B1200** Model - Enclosure **Type 3R**

Outdoor 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

CONDUIT HUBS	
TRADE SIZE	CAT. NO.
1 INCH	HS100M
1-1/4 INCH	HS125M
1-1/2 INCH	HS150M
2 INCH	HS200M
2-1/2 INCH	HS250M

SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT

UNLESS CONVERTED FOR USE IN NON-SERVICE EQUIPMENT APPLICATIONS BY THE INSTALLATION OF MURRAY INSULATED NEUTRAL TERMINAL KIT INSNB41.

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.

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 TWO LX100FP FILLER PLATES TO FILL 150-225A MAIN BREAKER OPENING.

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

T



4099730 Rev.A

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	MD-T, MD-TR	NONE USED, M2 OR MP-T	MP-T, MG, MH-T, 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), HXD6(-A), LD6(-A), HLD6(-A), HLD6(-A), HLD6(-A), MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, OR CLASS J, T, R OR L FUSES	MPP-T, MQ	NONE USED OR M2	MP-T, MH-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-T, MH-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT, MD-TR, MD-HTR, MD-MTR	42,000
NONE USED OR SIEMENS BREAKER TYPES JXD2(-A), JD6(-A), JXD6(-A), HJD6(-A), HXD6(-A), LD6(-A), HLD6(-A), HLD6(-A), HLD6(-A), MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, OR CLASS J, T, R OR L FUSES	MPP-HT, MQH	NONE USED	MP-T, MH-T, MP-HT, MP-MT, MD-TR, MD-HTR, MD-MTR	65,000
SIEMENS BREAKER TYPES JXD2(-A), JD6(-A), JXD6(-A), HJD6(-A), HXD6(-A), LD6(-A), HLD6(-A), HLD6(-A), HLD6(-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, MH-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	MPP-MT, MD-MT, MD-MTR	NONE USED	MP-MT, MD-MTR	
NONE USED OR SIEMENS BREAKER TYPES HJD6(-A), HXD6(-A), HLD6(-A), HLD6(-A), HMD6, HMXD6, HND6, HNXD6, OR CLASS T FUSES	MPP-PT	NONE USED OR M2	MP-T, MH-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
A, B	300 kcmil-4 AWG	275 LB-IN
N	300 kcmil-4 AWG	250 LB-IN
G	2/0 - 6 AWG	90 LB-IN
NEUTRAL AND EQPT GROUND BAR		
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

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.
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

