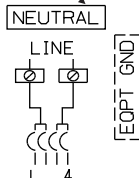


Outdoor Load Center

Bond When Req'd

Catalog Number
LW002GR

Enclosure
Type 3R



RATINGS: 60 AMPS, MAX.
120/240 VOLTS ~ 1 PHASE 3 WIRE
208Y/120 VOLTS ~ 1 PHASE 3 WIRE

SUITABLE FOR USE AS SERVICE EQUIPMENT WHEN USED AS SERVICE EQUIPMENT, APPLY "SERVICE DISCONNECT" LABEL ON TRIM NEAR BREAKER HANDLE.

FOR INSTALLATION BY A QUALIFIED PERSON IN ACCORDANCE WITH ALL LOCAL ELECTRICAL CODES AND/OR THE NATIONAL ELECTRICAL CODE®.

WHEN REQUIRED, BOND THE NEUTRAL TO THE ENCLOSURE WITH BONDING STRAP PROVIDED.

USE CU/AL WIRE AT PANELBOARD LINE AND NEUTRAL TERMINALS. SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

ACCESSORIES:

1" FILLER PLATE - CATALOG No. ECQF3
GROUND BAR: CATALOG No. ECLX068M

LINE TERMINALS SUITABLE FOR 60°/75°C CONDUCTORS.
WIRE SIZE: #14-#2 AWG.

TIGHTEN NEUTRAL BAR TERMINALS AS SHOWN BELOW

Wire Size/Range:	14-10 AWG	8 AWG	6 AWG	4-2 AWG
Small Terminals:	20 LB-IN	25 LB-IN	35 LB-IN	45 LB-IN
Large Terminals:	35 LB-IN	40 LB-IN	45 LB-IN	45 LB-IN

Wire Size	Torque
#14-10 AWG	35 Lb.-In.
#8 AWG	40 Lb.-In.
#6-2 AWG	45 Lb.-In.

If hub is required, use	
Type	HA Hub Catalog No:
3/4"	ECHA075
1"	ECHA100
1-1/4"	ECHA125

EQPT GND 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 6 AWG CU; ONE 12 TO 6 AWG AL;
TWO OR THREE 14 AWG CU; TWO OR THREE 12 AWG CU OR AL.

GENERAL INFORMATION: REMOVE TWISTOUTS FROM TRIM ONLY WHERE BREAKERS WILL BE INSTALLED. ALL OPENINGS MUST BE FILLED WITH BREAKERS OR FILLER PLATES. CIRCUIT BREAKER OVERLOAD TRIP POSITION IS INDICATED BY HANDLE POSITION MIDWAY BETWEEN ON AND OFF. TO RESET, MOVE HANDLE TO OFF POSITION, THEN TURN ON.

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 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	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 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, PD6, PXD6, HPD6, HPXD6, RD6, RXD6, HRD6, HRXD6, or CLASS J, T, R or L FUSES	NONE USED or MP-T, MPP-T, MQ	MP-T, MG, MH-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT	10,000
	MPP-HT	MP-T, MH-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT	22,000
NONE USED	MP-HT		
None used or Siemens breaker types MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, PD6, PXD6, HPD6, HPXD6, RD6, RXD6, HRD6, HRXD6, or CLASS J, T, R or L FUSES	Siemens HQJ2H	MP-T, MH-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT	65,000
	MP-HT, MP-MT, MPP-MT, MPP-PT		
Siemens breaker types JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A), MD6, MXD6, ND6, NXD6, PD6, PXD6, RD6, RXD6	MP-HT, MP-MT, MP-PT	MP-T, MH-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT	100,000
	MP-MT, MPP-MT		
Siemens breaker types HJD6(-A), HJXD6(-A), HLD6(-A), HLXD6(-A), HMD6, HMXD6, HND6, HNXD6, HPD6, HPXD6, HRD6, HRXD6, or CLASS J, T, R or L FUSES	Siemens HQJ2H	MP-T, MH-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT	100,000
	MPP-PT		
NONE USED	MPP-PT or Siemens HQJ2H		
300V CLASS T FUSES - 200A MAX.	MP-T, MP-HT, MP-MT		

© The National Electrical Code is a registered trademark of the National Fire Protection Association.
© 2010 Copyright Siemens Industry, Inc.

Assembled in Mexico
40900104 0101 Rev.A

Murray Electrical Products
Siemens Industry, Inc.
Building Technologies Division
Norcross, Georgia U.S.A.

J2

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.