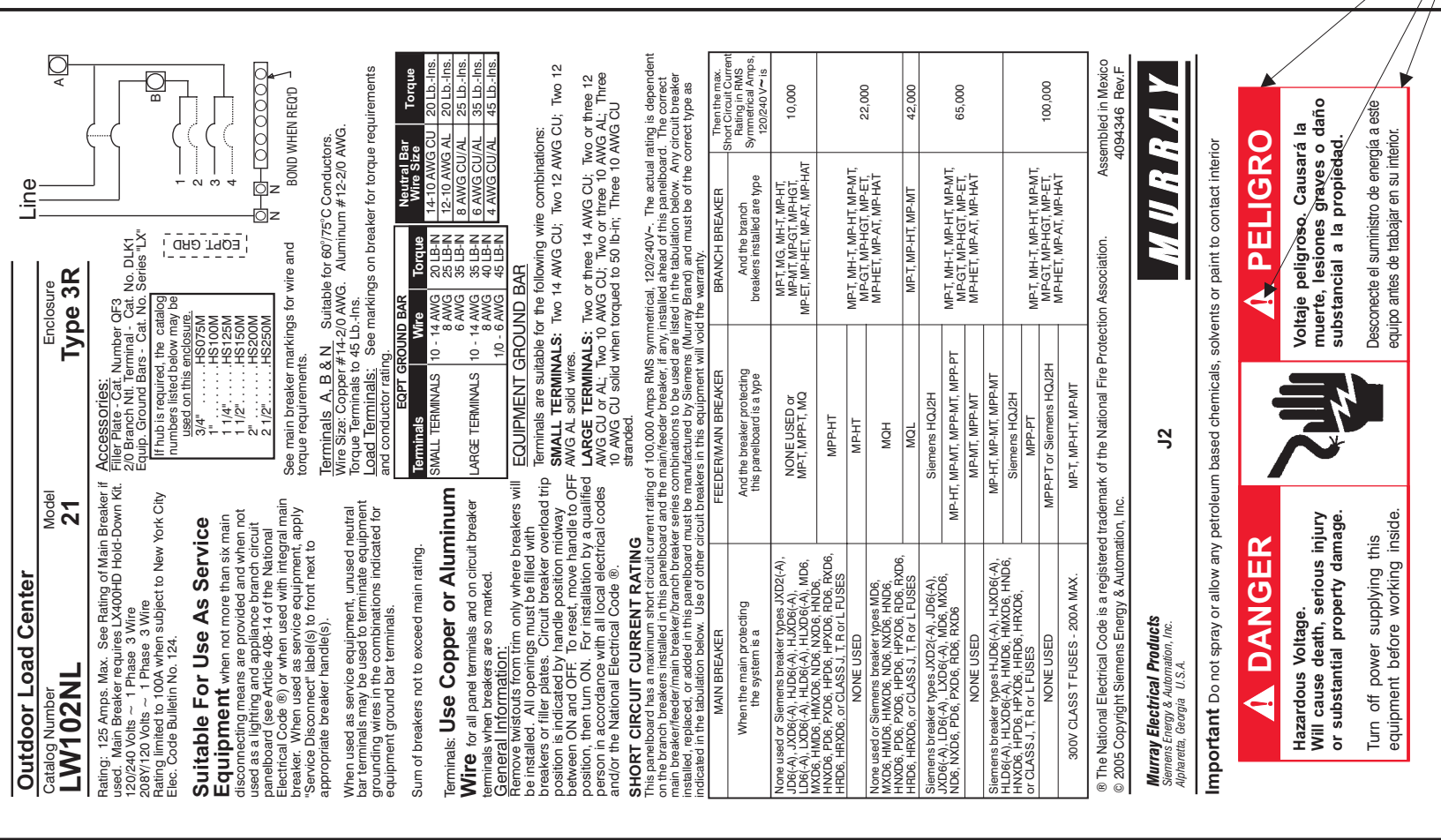


7
6
5
4
3
2
1



COLOR: PMS485 (RED)

4.90

8.75

PRINT COLOR: BLACK EXCEPT AS NOTED
MATERIAL: FASSON UL LITHO 40FS-730SG (SPEC# 10254)
ALTERNATE MAT'L: 60# FASSON CRACK'N'PEEL PLUS, UNCOATED OFFSET, SUPER PERMANENT ADHESIVE WITH 83# LINER

DESIGN RESPONSIBILITY LOCATION: SEA-ITESA2		
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 type="checkbox"/> SEA-IT2	<input type="checkbox"/> SEA-BEL	<input type="checkbox"/> *

					UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		-CONFIDENTIAL- PROPERTY OF			
					TOLERANCES: .XX ± .12 .XXX		Siemens Energy & Automation, Inc.			
					HOLE DIAMETER ± .005		Residential Products Division			
					ANGULAR		WIRING DIAGRAM			
					UNDIMENSIONED 90° ANGLES ± 0°30'					
05-037-03		F	7/27/05	REDRAWN AND REVISED FOR TRANSFER	DWN KAM	DATE 7/27/05	SIZE B	ISSUE RELEASE NO.	DWG. NO.	REV F
1st ARTICLE		EDR NO.	REV	DATE	CHK	DATE	SCALE 1:1	DO NOT SCALE DRAWING	4094346	SHEET 1 OF 1
				DESCRIPTION	BY APVD	DATE				

Outdoor Load Center
 Catalog Number **LW102NL** Model **21** Enclosure **Type 3R**

Rating: 125 Amps. Max. See Rating of Main Breaker if used.
 Main Breaker requires LX400HD Hold-Down Kit.
 120/240 Volts ~ 1 Phase 3 Wire
 208Y/120 Volts ~ 1 Phase 3 Wire
 Rating limited to 100A when subject to New York City Elec. Code Bulletin No. 124.

Suitable For Use As Service Equipment when not more than six main disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard (see Article 408-14 of the National Electrical Code®) or when used with integral main breaker. When used as service equipment, apply "Service Disconnect" label(s) to front next to appropriate breaker handle(s).

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 breakers not to exceed main rating.

Terminals: **Use Copper or Aluminum Wire** for all panel terminals and on circuit breaker terminals when breakers are so marked.

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. For installation by a qualified person in accordance with all local electrical codes and/or the National Electrical Code®.

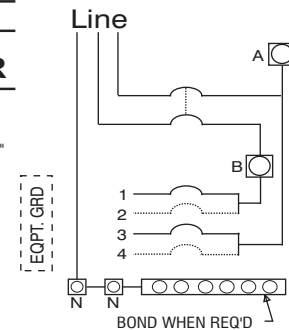
SHORT CIRCUIT CURRENT RATING
 This panelboard has a maximum short circuit current rating of 100,000 Amps RMS symmetrical, 120/240V~. The actual rating is dependent on the branch breakers installed in this panelboard and the main/feeder breaker, if any, installed ahead of this panelboard. The correct 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
NONE USED	MP-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 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	MQH		
Siemens breaker types JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A), MD6, MXD6, ND6, NXD6, PD6, PXD6, RD6, RXD6	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		
NONE USED	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	MP-HT, MP-MT, MPP-MT	MP-T, MH-T, MP-HT, MP-MT, MP-GT, MP-HGT, MP-ET, MP-HET, MP-AT, MP-HAT	100,000
	Siemens HQJ2H		
	MPP-PT		
NONE USED	MPP-PT or Siemens HQJ2H		
300V CLASS T FUSES - 200A MAX.	MP-T, MP-HT, MP-MT		

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

J2



Accessories:
 Filler Plate - Cat. Number QF3
 2/0 Branch Ntl. Terminal - Cat. No. DLK1
 Equip. Ground Bars - Cat. No. Series "LX"

If hub is required, the catalog numbers listed below may be used on this enclosure.
 3/4"HS075M
 1"HS100M
 1 1/4"HS125M
 1 1/2"HS150M
 2"HS200M
 2 1/2"HS250M

See main breaker markings for wire and torque requirements.

Terminals A, B & N Suitable for 60°/75°C Conductors.

Wire Size: Copper #14-2/0 AWG. Aluminum #12-2/0 AWG.
 Torque Terminals to 45 Lb.-Ins.

Load Terminals: See markings on breaker for torque requirements and conductor rating.

EQPT GROUND BAR			Neutral Bar Wire Size	
Terminals	Wire	Torque	Wire Size	Torque
SMALL TERMINALS	10 - 14 AWG	20 LB-IN	14-10 AWG CU	20 Lb.-Ins.
	8 AWG	25 LB-IN	12-10 AWG AL	20 Lb.-Ins.
	6 AWG	35 LB-IN	8 AWG CU/AL	25 Lb.-Ins.
LARGE TERMINALS	10 - 14 AWG	35 LB-IN	6 AWG CU/AL	35 Lb.-Ins.
	8 AWG	40 LB-IN	4 AWG CU/AL	45 Lb.-Ins.
	1/0 - 6 AWG	45 LB-IN		

EQUIPMENT GROUND BAR

Terminals are suitable for the following wire combinations:

SMALL TERMINALS: Two 14 AWG CU; Two 12 AWG CU; Two 12 AWG AL solid wires.

LARGE TERMINALS: 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.