

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.

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MANUFACTURED DATE:
Important Do not spray or allow any petroleum based chemicals, solvents or paint to contact interior components.

- 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 | | 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.

