

Outdoor Load Center

Catalog Number
LW004TR (FIELD INSTALLED MAIN REQUIRED)
LW204TL (200 AMP MAIN BREAKER AND 2 INCH HUB PROVIDED)

Model
20
20

Enclosure
Type 3R
Type 3R

RATINGS:

200A MAXIMUM - See Main Breaker Rating.
 120/240 V ~, 3 Wire, Single Phase
 208Y/120 V ~, 3 Wire, Single Phase

For installation by a qualified person in accordance with all local electrical codes and/or the national electrical code ®.

Install only Murray type MD-A, MD-H, MD-TR or MD-HTR main breaker. Fasten main breaker. Fasten main breaker to panel with hold-down screw supplied with breaker or order LX378M hold-down kit.

Diagram indicates maximum number of breaker poles.

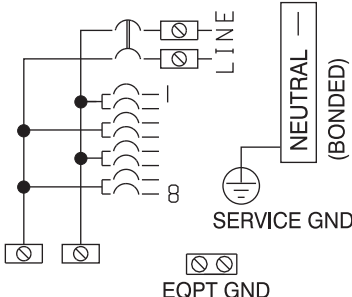
To reset breakers with tripped handle position between "ON" and "OFF", move handle to "OFF" then to "ON".

This panelboard is intended for installation into box number 76940-00.

SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.

Accessory Kits:

- Closure Plate: ECHS000
- 1" Filler Plate: ECQF3
- LW004TR Interlock Kits: ECSBPK02, ECSBPK05, ECSBPK06, ECSBPK07
- LW204TL Interlock Kits: ECSBPK07



CONDUIT HUBS	
TRADE SIZE	CAT. NO.
3/4 INCH	ECHS075
1 INCH	ECHS100
1-1/4 INCH	ECHS125
1-1/2 INCH	ECHS150
2 INCH	ECHS200
2-1/2 INCH	ECHS250

The short-circuit current rating of this panelboard is equal to the interrupting rating of the system of overcurrent devices installed as shown below. The only branch breakers which may be installed in the panelboard

are those types listed in the PANELBOARD BREAKERS column. Types MD-A, MD-H, MD-TR or MD-HTR may be installed as mains. Except as otherwise noted, all breakers shown are Murray types.

OTHER MAIN, FEEDER BREAKER or FUSE	PANELBOARD MAIN		PANELBOARD BREAKERS		SYSTEM INTERRUPTING RATING at 120/240 V ~
	GROUP MAIN or OTHER MAIN	Siemens type MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6	MD-A, MD-TR	MD-H, MD-HTR	
MD-H, MQH	MD-A, MD-H, MD-TR, MD-HTR	MD-A, MD-H, MD-TR, MD-HTR	MP-T, MH-T, MD-A, MD-TR, MP-AT, MP-GT, MP-ET, MG, MW	MP-T, MH-T, MD-A, MD-TR, MP-AT, MP-HAT	10,000 A rms symm
MQL	MD-A, MD-H, MD-TR, MD-HTR	MD-A, MD-H, MD-TR, MD-HTR	MP-T, MP-HT, MH-T*, MP-GT, MP-HGT, MP-ET, MP-HET, MD-A, MD-H, MD-TR, MD-HTR, MP-AT, MP-HAT	MP-T, MP-HT, MD-A, MD-H, MD-TR, MD-HTR	22,000 A rms symm
MP-MT, MPP-MT	MD-A, MD-H, MD-TR, MD-HTR	MD-A, MD-H, MD-TR, MD-HTR	MP-T, MP-HT, MH-T**, MP-GT, MP-HGT, MP-ET, MP-HET, MD-A, MD-H, MD-TR, MD-HTR, MP-AT, MP-HAT	MP-T, MP-HT, MD-A, MD-H, MD-TR, MD-HTR	22,000 A rms symm
200 amp max. class T fuse	MD-A, MD-H, MD-TR, MD-HTR	MD-A, MD-H, MD-TR, MD-HTR	MP-T, MP-HT, MH-T, MP-GT, MP-HGT, MP-ET, MP-HET, MD-A, MD-H, MD-TR, MD-HTR, MP-AT, MP-HAT	MP-T, MP-HT, MD-A, MD-H, MD-TR, MD-HTR	65,000 A rms symm
MQL	MD-A, MD-H, MD-TR, MD-HTR	MD-A, MD-H, MD-TR, MD-HTR	MP-T, MP-HT, MH-T**, MP-GT, MP-HGT, MP-ET, MP-HET, MD-A, MD-H, MD-TR, MD-HTR, MP-AT, MP-HAT	MP-T, MP-HT, MD-A, MD-H, MD-TR, MD-HTR	100,000 A rms symm

* MH-T 15-30 amp

** MH-T 15-40 amp

ADDITIONAL OR REPLACEMENT BREAKERS MUST BE OF THE SAME MANUFACTURER, TYPE, AMPERE RATING AND INTERRUPTING CAPACITY AS THOSE LISTED ABOVE, SUCH THAT THE PANELBOARD SHORT CIRCUIT CURRENT RATING EQUALS OR EXCEEDS THE AVAILABLE SHORT CIRCUIT CURRENT.

IMPORTANT: THIS EQUIPMENT HAS BEEN DESIGNED FOR USE ONLY WITH THOSE CIRCUIT BREAKERS AS LISTED ABOVE. USE OF OTHER CIRCUIT BREAKERS IN THIS EQUIPMENT WILL VOID THE WARRANTY.

USE CU/AL WIRE AT PANELBOARD LINE AND NEUTRAL TERMINALS. SEE MARKINGS ON BREAKERS FOR THEIR WIRING AND TORQUE REQUIREMENTS.

BENDING SPACE MAY LIMIT MAXIMUM WIRE SIZE TO 4/0 AWG; THIS MAY RESTRICT MAIN AND/OR FEED-THROUGH TERMINALS TO COPPER WIRE IN SOME INSTALLATIONS.

SIZE WIRE ONLY TO 60°C OR 75°C AMPACITY LIMITS. SIZE WIRE IN ACCORDANCE WITH BREAKER MARKINGS AND WIRE BENDING SPACE REQUIREMENTS.

FEED-THROUGH TERMINALS (PHASE AND NEUTRAL) WIRE RANGE: 4 AWG - 250 kcmil. TORQUE: 225 LB-IN.

MAIN NEUTRAL TERMINAL WIRE RANGE: 4 AWG - 4/0 AWG. TORQUE: 225 LB-IN.

NEUTRAL BAR TERMINAL WIRE RANGE:
 SMALL TERMINALS: 14-6 AWG CU; 12-6 AWG AL.
 LARGE TERMINALS: 14-1/0 AWG CU; 12-1/0 AWG AL.

TIGHTEN NEUTRAL BAR AND EQUIPMENT GROUND BAR TERMINALS TO THE TORQUE SHOWN BELOW FOR THE WIRE INSTALLED.

WIRE SIZE	14-10 AWG	8 AWG	6 AWG	4-1/0 AWG
SMALL TERMINALS:	20 LB-IN	25 LB-IN	35 LB-IN	---
LARGE TERMINALS:	35 LB-IN	40 LB-IN	45 LB-IN	45 LB-IN

EQUIPMENT GROUND TERMINAL WIRE RANGE: 14-2/0 AWG, TORQUE: 50 LB-IN.

UNUSED NEUTRAL BAR TERMINALS MAY BE USED TO TERMINATE EQUIPMENT GROUNDING WIRES IN THE FOLLOWING 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 TERMINAL: 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;

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 Siemens Industry, Inc.
 Norcross, Georgia U.S.A.

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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		⚠ PELIGRO
<p>Hazardous Voltage. Will cause death, serious injury or substantial property damage.</p> <p>Turn off power supplying this equipment before working inside.</p>		<p>Voltaje peligroso. Causará la muerte, lesiones graves o daño substancial a la propiedad.</p> <p>Desconecte el suministro de energía a este equipo antes de trabajar en su interior.</p>