

SIEMENS

Outdoor Load Center

Catalog Number **W0816ML1125CU** Series **A** Enclosure **Type 3R**

Rating: 125 Amps. Max. See Main Breaker Rating If Used.
Main Breaker requires MBR1 Hold-Down Kit.
120/240 Volts ~ 1 Phase, 3 Wire
208Y/120 Volts ~ 1 Phase, 3 Wire

Ground Bar Wire Size
Copper: One #14-#4 AWG or Two or Three #14-#10 AWG.
Aluminum: One #12-#4 AWG or Two or Three #12-#10 AWG.

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). Not suitable for use as service equipment when subject to the Canadian Electrical Code.

Neutral Bar Wire Size
Wire Size Torque
14-10 AWG CU 20 lb.-ins.
12-10 AWG AL 20 lb.-ins.
8 AWG CU/AL 25 lb.-ins.
6 AWG CU/AL 35 lb.-ins.
4 AWG CU/AL 45 lb.-ins.

Line Terminals A, B, and N
Suitable for 60°/75°C conductors.
Wire size: Copper and Aluminum #4-2/0 AWG. Torque terminals to 45 lb.-ins.

Sum of QT breakers not to exceed 110 Amps per branch circuit bus stab.

Single pole circuit breakers with a single handle are not permitted for use in a two wire circuit connected to a three wire system.

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 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 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, separate or integral, 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, HLD6-A, MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, PD6, PDX6, HPD6, HPXD6, RD6, RXD6, HRD6, HRXD6 or CLASS J, T, R or L Fuses	NONE USED	QR, QT, QPF, QAF, QFP, QE	10,000
NONE USED	QPH, BQH, BLH	QR, QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QFP, QE, QEH	22,000
None used or Siemens breaker types MD6, MXD6, HMD6, HMXD6, ND6, NXD6, HND6, HNXD6, PD6, PDX6, HPD6, HPXD6, RD6, RXD6, HRD6, HRXD6 or CLASS J, T, R or L Fuses	QJH2	QR, QPH, HQP	42,000
Siemens breaker types JXD2-A, JD6-A, JXD6-A, LD6-A, LXD6-A	QJH2, QJ2H	QPH, HQP	65,000
Siemens breaker types JXD2-A, JD6-A, JXD6-A, LD6-A, LXD6-A, MD6, MXD6, ND6, NXD6, PD6, PDX6, RD6, RXD6	NONE USED	QP (except 30A), QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	
NONE USED	HQJ2H	QR, QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	
Siemens breaker types HJD6, HJXD6, HLD6, HLD6, HLD6, HMXD6, HND6, HNXD6, HPD6, HPXD6, HRD6, HRXD6 or CLASS J, T, R or L Fuses	QPH, BQH, BLH, HQP, HBQ, HBL, HQPP, HQPPH, HQP, HBQ, HBL, HQPP	QR, QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	100,000
NONE USED	HQJ2H	QP (except 30A), QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	
300V CLASS T FUSES - 200A MAX.	QP, BQ, BL, QPH, BQ, HBL, HQP, HBQ, HBL	QR, QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	
NONE USED	HQJ2H	QP (except 30A), QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	100,000
300V CLASS T FUSES - 600A MAX.	QPH, BQH, BLH, HQP, HBQ, HBL	QPH, HQP	

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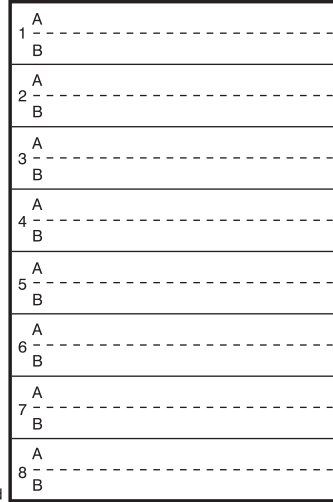
J2

4094849-1 Rev.A

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Assembled in Mexico

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.

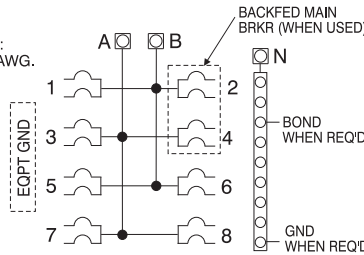


ECLK1-2 Lug Kit Suitable for 60°/75°C conductors. Wire size: Copper and Aluminum #4-2/0 AWG. Torque terminals to 45 lb.-ins.

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

Accessory Kits:

Equipment Ground Bars: Series "GB"
Filler Plate: ECQF3
Breaker Hold Down: ECMBR1
2/0 Branch Neutral Terminal: ECLK1, ECLK2
Interlock Kit: ECSBPK01, ECSBPK02



⚠ 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.