SIEMENS

Indoor Load Center

Catalog Number	Series	Enclosure
E0816ML1125F **E0816ML1125S**	**A**	**Type 1**

Rating: 125 Amps. Max. See Main Breaker Rating If Used.
Main Breaker requires ECMBR1 Kit.
120/240 Volts ~ 1 Phase, 3 Wire
208Y/120 Volts ~ 1 Phase, 3 Wire

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.

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.

Neutral Bar Wire Size

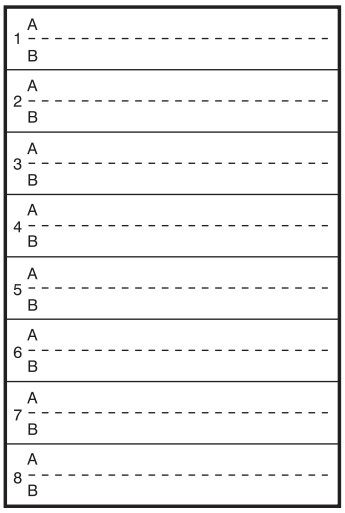
Wire Size	Torque
14-10 AWG CU	20 lb.-ins.
12-10 AWG AL	20 lb.-ins.
8 AWG CU/AL	25 lb.-ins.
6 AWG CU/AL	35 lb.-ins.
4 AWG CU/AL	45 lb.-ins.

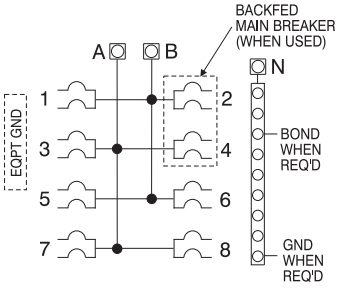
Line Terminals A, B, and N
Suitable for 60°/75°C conductors. Wire size: Copper and Aluminum #4-2/0 AWG. Torque terminals to 45 lb.-ins.

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

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.

Accessory Kits:
Equipment Ground Bars:
Series "GB"
Filler Plate: ECQF3
Door Lock: ECQFL2
Breaker Hold Down: ECMBR1
2/0 Branch Neutral Terminal:
ECLK1-2
Interlock Kit: ECSPBK01,ECSPBK02





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.

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 When the main protecting the system is a	FEEDER/MAIN BREAKER And the breaker protecting this panelboard, separate or integral, is a type	BRANCH BREAKER And the branch breakers installed are type	Then the max. Short Circuit Current Rating in RMS Symmetrical Amps, 120/240 V~ is
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	QP, QT, QPF, QAF, QFP, QE	10,000
	QP, BQ, BL, QPP, QJ2	QP, QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QFP, QE, QEH	
	QPPH	QP, QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	22,000
NONE USED	QPH, BQH, BLH		
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	QJH2		
	QJ2H	QP, 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, PXD6, RD6, RXD6	NONE USED		
	HQJ2H	QP (except 30A), QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	
	QJ2, QJH2	QP, QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	
	QPH, BQH, BLH, HQP, HBQ, HBL, HQPP, HQPPH		
NONE USED	HQP, HBQ, HBL, HQPP		
Siemens breaker types HJD6, HJXD6, HLD6, HLXD6, HMD6, HMXD6, HND6, HNXD6, HPD6, HPXD6, HRD6, HRXD6 or CLASS J, T, R or L Fuses	QPH, BQH, BLH, HQP, HBQ, HBL, HQPP		
	HQJ2H	QP (except 30A), QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	100,000
NONE USED	HQPPH QJ2, QJH2 HQPPH	QP, QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	
300V CLASS T FUSES - 200A MAX.	QPBQ,BL,QPH, BQH,BLH,HQPHBQ,HBL		
NONE USED	HQJ2H	QP (except 30A), QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH	
300V CLASS T FUSES - 600A MAX.	QPH, BQH, BLH, HQP, HBQ, HBL	QPH, HQP	

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.

⚠ 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.