

SIEMENS

Indoor Load Center

Catalog Numbers **E0816ML1125F** (Flush Trim)
E0816ML1125S (Surface Trim)

Enclosure
Type 1

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

Suitable For Use As Service Equipment

when main breaker is installed. 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.

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®.

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.

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

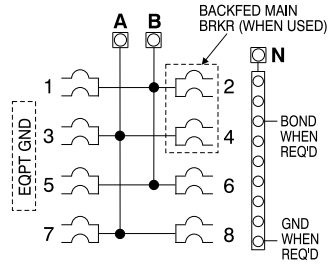
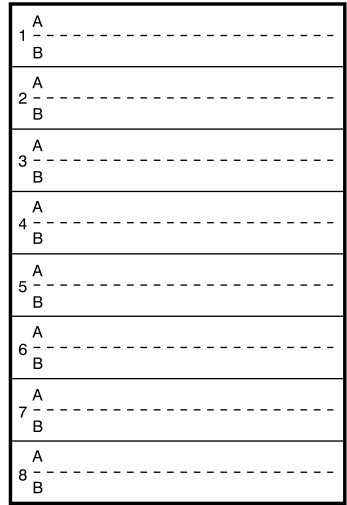
Suitable for 60°/75°C conductors. Wire size: Copper and Aluminum #4-2/0 AWG. Torque terminals to 45 lb.-ins.

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.

Accessories:

Equipment Ground Bars: Series "ECGB"
Filler Plate: ECQF3
Door Lock: ECQFL2
Breaker HoldDown: ECMBR1
2/0 Branch Neutral Terminal: ECLK1-2
Interlock Kit: ECSBPK01
(Not for use when subject to the Canadian 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 Siemens Type	And the breaker protecting this panelboard is a Siemens type	And the branch breakers installed are Siemens type		
NONE USED	NONE USED	QP, QG, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QFGA2, QFGA2N, QPF, QPF2, QPF2N, QPFB, QPFBN, QE, QE2, QEB	10,000	
	NONE USED	QPH, QAFH, QAFH2, QFGAH2, QPHF, QPHF2, QPHFB, QE, QE2, QEB	22,000	
	QPH, BLH, QSH	QP, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QFGA2, QFGA2N, QPF, QPF2, QPF2N, QPFB, QPFBN, QE, QE2, QEB		
	QSHH	QP, QPH, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPFB, QPFBN, QPHF, QPHF2, QPHFB, QE, QE2, QEB, QE, QE2, QEB	42,000	
	NONE USED	HQP, HQAF2, HQFGA2, HQPF2	65,000	
	ED4, ED6, HQP, HBL, HQS			
	QPH, BLH			
	QPH, BLH, QS	QP, QPH, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPFB, QPFBN, QPHF, QPHF2, QPHFB, QE, QE2, QEB, QE, QE2, QEB, QE, QE2, QEB		
	NDGA, NFGA, Class J, T, R, or L Fuses			85,000
	JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A), MD6, MXD6, ND6, SND6-B, NXD6, NJJA, NJGA, NLGB, NMG, NNG, NPG, PD6, SPD6-B, PXD6, RD6, RXD6, MMAE, MMNAE	NONE USED or QP, BL, QS		
FD6, FXD6				
JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A), MD6, MXD6, ND6, SND6-B, NXD6, PD6, SPD6-B, PXD6, RD6, RXD6, NDGA, NFGA, NJJA, NJGA, NLGB, NMG, NNG, NPG, HMAS, MMAE, MMNAE	QPH, HQP	QP, QPH, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPFB, QPFBN, QPHF, QPHF2, QPHFB, QE, QE2, QEB, QE, QE2, QEB, QE, QE2, QEB		
MFAS	NONE USED or QP, BL, QS	QP, QPH, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, QFGA2, QFGA2N, QFGAH2, QPF, QPF2, QPF2N, QPFB, QPFBN, QPHF, QPHF2, QPHFB, QE, QE2, QEB, QE, QE2, QEB	100,000	
MJAS, MLAS	QPH, BLH, QS			
HFAS, MFAE, HFAE, HJAS, MJAE, HJAE, HLAS, MLAE, HLAE	QPH, HQP			
NONE USED	HQSH, HQPH, HED4, HED6, NGB, HEAB			
HFD6, HFXD6, HFGA, HJD6(-A), HJXD6(-A), HJGA, HLD6(-A), HLXD6(-A), HLGB, HMD6, HMXD6, HMG, HND6, SHND6-B, HNXD6, HNG, HPD6, SHPD6-B, HPXD6, HPG, HRD6, HRXD6, HFAS, MFAE, HJAS, MJAE, HLAS, MLAE, HLAE, HMAS, MMAE, MMNAE, or Class J, T, R, or L Fuses	ED4, ED6, QS, SEAB, MEAB	QP, QPH, HQP, QT, QTA, QTAN, QAF, QAFN, QAF2, QAF2N, QAFH, QAFH2, HQAF2, QFGA2, QFGA2N, QFGAH2, HQFGA2, QPF, QPF2, QPF2N, QPFB, QPFBN, QPHF, QPHF2, QPHFB, HQPF2, QE, QE2, QEB, QE, QE2, QEB		
HFD6, HFXD6, HFAS, MFAE, HFAE, 300V Class T Fuses ~ 200A Max	NONE USED or QP, BL			
HDGA, HFGA, HFAS, 300V Class T Fuses ~ 600A Max	NONE USED or QPH, BLH	QPH, HQP		

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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.

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