

# SIEMENS

## Rainproof Combination Metering

Catalog Number  
**MC2040S1200JLC**

Enclosure  
**Type 3R**

Panelboard Rating: 200 Amps Max. - see service disconnect rating  
120/240 Volts~ 1 Phase, 3 Wire  
208Y/120 Volts~ 1 Phase, 3 Wire (Derived from 3 phase - 4 wire system)  
Meter Socket Rating: 200 Amps Continuous  
Parallel Energy Source Disconnect M1: 100 Amp Max.

This panelboard is suitable for use with interconnected parallel electric power production sources and is intended for connection to utility-interactive equipment in accordance with Article 705 of the National Electrical Code®, ANSI/NFPA 70®.

M1 disconnects Parallel Energy Source but does not disconnect all power feeding this device. **Parallel Energy Source must be connected to M1 circuit breaker. M1 cannot be used as a branch breaker position or for a backup (generator) power source.**

System installation must be by a Qualified Person and must meet all local utility and National Electrical Code requirements.

FOR OVERHEAD OR UNDERGROUND SERVICE

**Suitable only for use as service equipment.**  
**Use 60/75° C Copper or Aluminum Conductors.**

Unused neutral branch terminals may be used to terminate equipment grounding wires in the combinations indicated for equipment ground bar terminals.

125 Amp or above circuit breaker must be installed in the lowest position in the branch panel. All other positions are limited to 100 Amps maximum circuit breakers.

Maximum breaker size on left side:

60°C Wire: CU 85A, AL 65A ; 75°C Wire: CU 100A, AL 75A

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 location midway between ON and OFF. To reset, move handle to OFF position then turn ON.

Accessories:

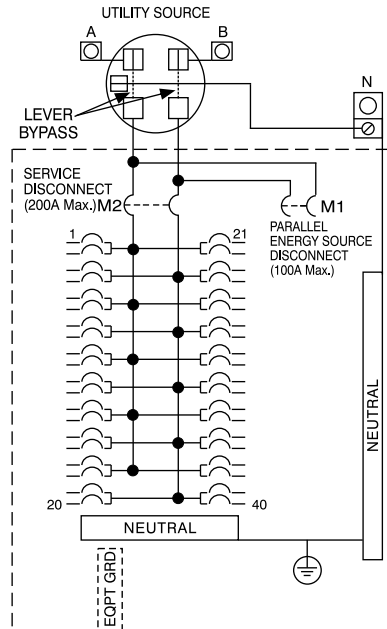
Filler Plate Cat. No. ECQF3

Neutral Lug Kit	Wire Range	Torque
ECLK1-2	2/0-#2	45 Lb-In.
ECLK2	2/0-#4	135 Lb-In.
ECLK3	300 kcmil - #1	340 Lb-In.

Mechanical Breaker Interlock: ECSBPK09

Equipment Grounding Bar: Type ECGB10

Trade size (in)	Catalog number
<i>RX Type Hub (top endwall)</i>	
1 1/4"	EC38597
1 1/2"	EC38598
2"	EC38599
2 1/2"	EC38600
<i>HC Type Hub (bottom endwall)</i>	
2"	ECHC200
2 1/2"	ECHC250
3"	ECHC300



Terminal	Wire Size	Torque
A, B	250kcmil - #4	275 lb-in
N	250kcmil - #4	250 lb-in
Branch Breaker Terminals	See Markings on Breaker	
Neutral Bar	#10 - #14 CU #10 - #12 AL #8 #6 - #4	20 lb-in 20 lb-in 25 lb-in 35 lb-in
Ground Conductors Only	(2) or (3) #14 AWG (2) #12-#10 AWG	20 lb-in 20 lb-in

**Short Circuit Current Rating** (Wattour Meter not included in short circuit rating)

This panelboard has a maximum short circuit current rating of 22,000 Amps RMS symmetrical, 120/240 V~. The correct Service Disconnect, branch circuit breakers and Parallel Energy Source Disconnect combinations to be used for various short circuit current levels are listed in the tabulation below. Any circuit breaker installed, replaced, or added in this panelboard must be manufactured by Siemens (Siemens or Murray brand) and must be of the correct type as indicated in the tabulation below.

SERVICE DISCONNECT M2*	BRANCH BREAKER	Then the maximum short circuit current rating in RMS symmetrical Amperes, 120/240 Vac is:	DISCONNECT M1
When the installed panelboard service disconnect is a Type	And the branch breakers installed are Type		If installed, the Parallel Energy Source Disconnect must be a Siemens Type:
EQ9683, EQ9685 (Siemens)	QP, QPH, HQP, QT, QAF, QAFH, QPF, QPHF, QE, QEH, QNRH (Siemens)	10,000	QP (Siemens) MPT (Murray)
	MP-T, MP-HT, MP-MT, MH-T, MP-AT, MP-HAT, MP-GT, MP-HGT, MP-ET, MP-HET, MD-HTR (Murray)	22,000	QPH (Siemens) MP-HT (Murray)

\* Replacement main breakers: Siemens MBK150 or MBK200 (Siemens)

**Warning:** This equipment has been designed for use only with circuit breakers listed above. Use of other circuit breakers in this equipment could result in personal injury or property damage and will void the warranty.

**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.