

SIEMENS

Rainproof Combination Metering

Catalog Number

MC2040B1150RC

Series

Enclosure

Type 3R

Panelboard Rating:

200 Amps Max.

120/240 Volts V.A.C. 1 Phase, 3 Wire

208Y/120 Volts V.A.C. 1 Phase, 3 Wire

(Derived from 3 phase - 4 wire system)

Meter Socket Rating:

200 Amps. Continuous

Suitable Only For Use As Service Equipment Use Copper or Aluminum Wire

Line Terminals A, B, and N

Suitable for 60°/75° C Conductors.

Wire Size: #4 AWG-250 kcmil.

Torque Terminals to 250 Lb.-Ins.

Neutral Bar is suitable for 60°/75° C
Conductors.

Wire Size 4-14 AWG CU, 4-12 AWG AL.

| Wire Size | Tighten Torque |
|---------------------|----------------|
| 14-10CU/12-10AL AWG | 20 Lb.-Ins. |
| 8 AWG | 25 Lb.-Ins. |
| 6-4 AWG | 35 Lb.-Ins. |

All unused neutral branch terminals can be used as equipment grounding wire terminals. These terminals can be identified by the green or bare grounding wire and will accept the wire size 4-14 AWG CU/AL.

Ground Conductors only are suitable for the following combinations:

(2) or (3) 14 AWG; (2) 12-10 AWG.

For installation by a qualified person in accordance with all local electrical codes and/or the National Electrical Code®.

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Refer to Branch Breaker markings for

wire size, rating and torque. Branch

Breaker Terminals Suitable for 60°/75° C

Conductors. Left side suitable for 65A

breakers with CU wire, 50A breakers

with AL wire, right side suitable for 150A

breakers with CU wire and accessory

kit: ECLK2.

Accessories:

Filler Plate Cat. No. QF3 or ECQF3

2/0-#4 wire range lug kit: ECLK2

5th Jaw Assembly: EC5J2

Mechanical Breaker Interlock: ECQML12

Meter Socket Jumper: ECJS

Equipment Grounding Bars Cat. No. ECGB20

Tighten Equipment Ground Bar Terminals to

the torque shown in neutral bar table for the

wire installed.

If a RX Hub is required on Top End Wall, the catalog nos. listed below may be used on this enclosure.

| | |
|--------------|---------|
| 1 1/4" | EC38597 |
| 1 1/2" | EC38598 |
| 2" | EC38599 |
| 2 1/2" | EC38600 |

If a HC Hub is required on the bottom end wall, the catalog nos. listed below may be used on this enclosure.

| | |
|--------------|---------|
| 2" | ECHC200 |
| 2-1/2" | ECHC250 |
| 3" | ECHC300 |

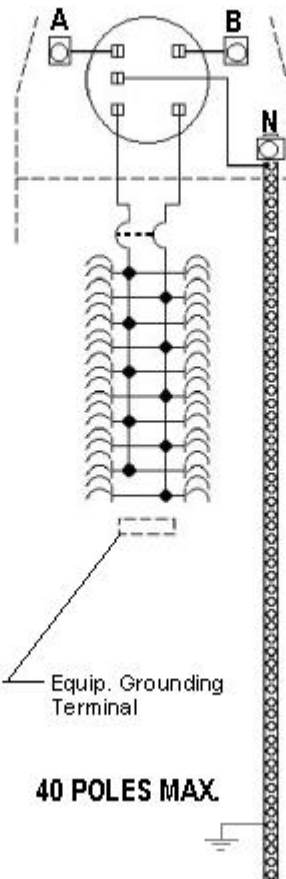
General Information:

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.

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Short Circuit Current Rating (Wattour Meter not included in short circuit current rating) This panelboard has a maximum short circuit rating of 22,000 RMS symmetrical amperes, 240 volts maximum with Siemens type EQ9685 main breaker installed. Any branch circuit breaker installed, replaced or added in this panelboard must be manufactured by Siemens and must be of the types listed below.

| MAIN BREAKER | BRANCH BREAKER | THEN THE MAXIMUM SHORT CIRCUIT CURRENT RATING IN RMS SYMMETRICAL AMPERES, 120/240~ IS: |
|-----------------------|--|--|
| WHEN MAIN BREAKER IS: | AND THE BRANCH BREAKERS INSTALLED ARE SIEMENS TYPE | |
| QFP | QP, QPH, QPHF, HQP, QT, QAF, QAFH, QPF, QN | 10,000 |
| QFPH | QP, QPH, QPHF, HQP, QT, QAF, QAFH, QPF, QN | 22,000 |

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.

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