

SIEMENS

Rainproof Combination Metering

Catalog Number

MC0816B1150RCT

Series

Enclosure

Type 3R

Panelboard Rating:

150 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:

150 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®.

© The National Electrical Code is a registered trademark of the National Fire Protection Association.

© 2005 COPYRIGHT SIEMENS ENERGY & AUTOMATION, INC. ALPHARETTA, GA. U.S.A.

Refer to Branch Breaker markings for wire size, rating and torque. Branch Breaker Terminals Suitable for 60°/75° C Conductors. Left side suitable for 60A 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

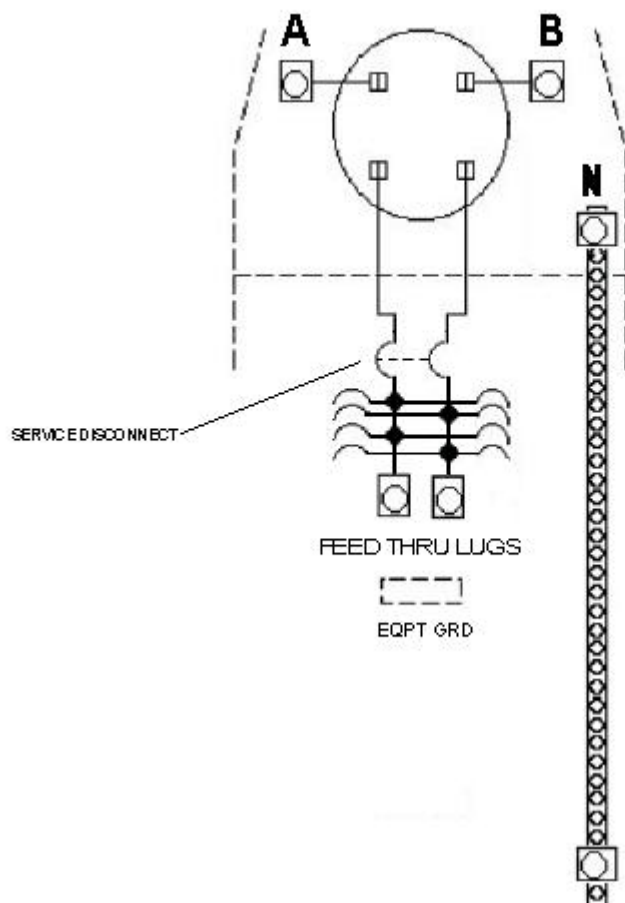
General Information:

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.

DH1

49310858



Short Circuit Current Rating (Watt-hour 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	
GFP	QP, QPH, QPHF, HQP, QT, QAF, QAFH, QPF, QN	10,000
GPFH	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.

© 2005 COPYRIGHT SIEMENS ENERGY & AUTOMATION, INC. ALPHARETTA, GA. U.S.A.

DH1

49310853