

# SIEMENS

## Rainproof Combination Metering

Catalog Number

**MC3042B1250FE2**

Enclosure

**Type 3R**

**Panelboard Rating:**

250 Amps, Max; 120/240 Volts ~, 1 phase, 3 wire; 208Y/120 Volts ~, 1 phase, 3 wire  
(Derived from 3 phase – 4 wire system With 5th Jaw Assembly installed)

For installation by Qualified Person in accordance with all local electrical codes and/or the National Electrical Code.®

Breaker position M1 is limited to 200 Amps Max  
Breaker position M2 is limited to 50 Amps Max

Note: A maximum of two breaker handles are allowed as service disconnects in positions M1 and M2.

Meter Socket Rating: 200 Amps Continuous

**Suitable Only For Use As Service Equipment**

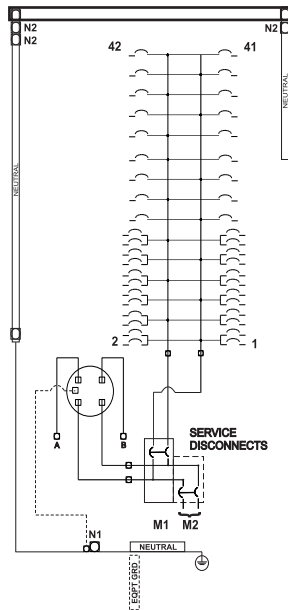
**For Underground Service Only**

Use 60/75° C Copper or Aluminum Conductor in  
Terminals A, B, N1 and N2.

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

**General Information:**

Circuit breaker trip position is indicated by handle position midway between ON and OFF. To reset, move handle to OFF position then turn ON.



| Terminal                   | Wire Size                                     | Torque                                               |
|----------------------------|-----------------------------------------------|------------------------------------------------------|
| A,B                        | 250 Kcmil - #4                                | 250 lb. in.                                          |
| N1                         | 250 Kcmil - #4                                | 250 lb. in.                                          |
| N2                         | 2/0 - #4                                      | 110 lb. in.                                          |
| Branch Breakers            | See Markings on Breaker                       |                                                      |
| Neutral Bar And Ground Bar | #10 - #14 CU<br>#10 - #12 AL<br>#8<br>#6 - #4 | 20 lb. in.<br>20 lb. in.<br>25 lb. in.<br>35 lb. in. |
| Ground Bar Conductors only | (2) or (3) #14<br>(2) #12 - #10               | 20 lb. in.<br>20 lb. in.                             |

If hub is required, use the catalog numbers listed below :

*HC Type Hub (bottom endwall)*

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

**Lug Kits:**

| Catalog # | Wire Range | Torque    |
|-----------|------------|-----------|
| ECLK2     | 2/0 - #4   | 135 lb in |

**Accessories:**

|                      |              |
|----------------------|--------------|
| Filler Plate         | QF3 or ECQF3 |
| 5th Jaw Assembly     | EMC5J        |
| Mechanical Interlock | ECQML12      |
| Meter Socket Jumper  | ECJS         |

**Ground Bars:**

| Catalog # | Taps |
|-----------|------|
| ECGB5     | 5    |
| ECGB10    | 10   |

**SHORT CIRCUIT CURRENT RATING**

(Withour meter not included in short circuit rating)

This panelboard has a maximum short circuit current rating of 22,000 AMPS RMS symmetrical, 120/240 Vac. The actual rating is dependent on the service disconnects and branch breakers installed in this panelboard. The correct service disconnects, branch breakers, and main/branch breaker series 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 and must be of the correct type as indicated in the tabulation below.

| PANELBOARD SERVICE DISCONNECT M1 *                                 | BRANCH BREAKER                                                 | SERVICE DISCONNECT M2                                         | Then the maximum short circuit current rating in RMS symmetrical Amperes, 120/240 Vac is: |
|--------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| When the installed panelboard service disconnect is a Siemens Type | And the branch breakers installed are Siemens Type             | And the second installed service disconnect is a Siemens Type |                                                                                           |
| QNRH                                                               | QP, QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH, QNR, QNRH, QG | QP                                                            | 10,000                                                                                    |
|                                                                    | QP, QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH, QNR, QNRH     | QPH                                                           | 22,000                                                                                    |

\* The factory installed main is Type QNRH

Siemens Industry, Inc. Norcross, Georgia U.S.A.

MANUFACTURING DATE:



4099981 REV.D

**Important** Do not spray or allow any petroleum based chemicals, solvents, or paint to contact interior components.

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