

SIEMENS

Rainproof Combination Metering

Enclosure
Type 3R

Catalog Number
MC1224B1125SEC
MC1224B1125FEC

Panelboard Rating:
125 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)

Meter Socket Rating: 125 Amps Continuous

Suitable Only For Use As Service Equipment

For Overhead or Underground Service

Use 60/75° C Copper or Aluminum Conductor in

Terminals A1, B1, A2, B2, N1, N2, and G1.

Line terminals A1 and B1 are installed for underground service entry as shown in the wiring diagram. For overhead entry, reposition wire connectors from A1 and B1 to A2 and B2. Torque the semi nut to 40-45 lb in.

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

| Terminal | Wire Size | Torque |
|----------------------------|---|--|
| A1, B1, A2, B2 | 2/0 - #4 | 110 lb. in. |
| N1 | 2/0 - #4 | 110 lb. in. |
| G1, N2 | 2/0 - #14 | 50 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 Bar Conductors only | (2) or (3) #14 (2) #12 - #10 | 20 lb. in. 20 lb. in. |

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

Ground Bars:

| Catalog # | Taps |
|-----------|------|
| ECGB5 | 5 |
| ECGB10 | 10 |
| ECGB14 | 14 |

Accessories:

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

Lug Kits:

| Catalog # | Wire Range | Torque |
|-----------|------------|-----------|
| ECLK2 | 2/0 - #4 | 135 lb in |
| ECLKG2 | 2/0 - #14 | 50 lb in |

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

This panelboard has a short circuit current rating of 22,000 Amps symmetrical, 120/240 V-. The correct branch circuit 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 tabulations below.

| | |
|---------------------------|---|
| Main Breaker | Branch Breaker |
| When the main breaker is: | And the branch breakers installed are type: |
| QPH | QP, QPF, QPH, QPH, QAF, QAFH, QE, QEH, QT |

Then the maximum short circuit rating in RMS symmetrical amperes, 120/240V ~-is:
22,000

MANUFACTURING DATE:

J2

4099833 REV. C

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

