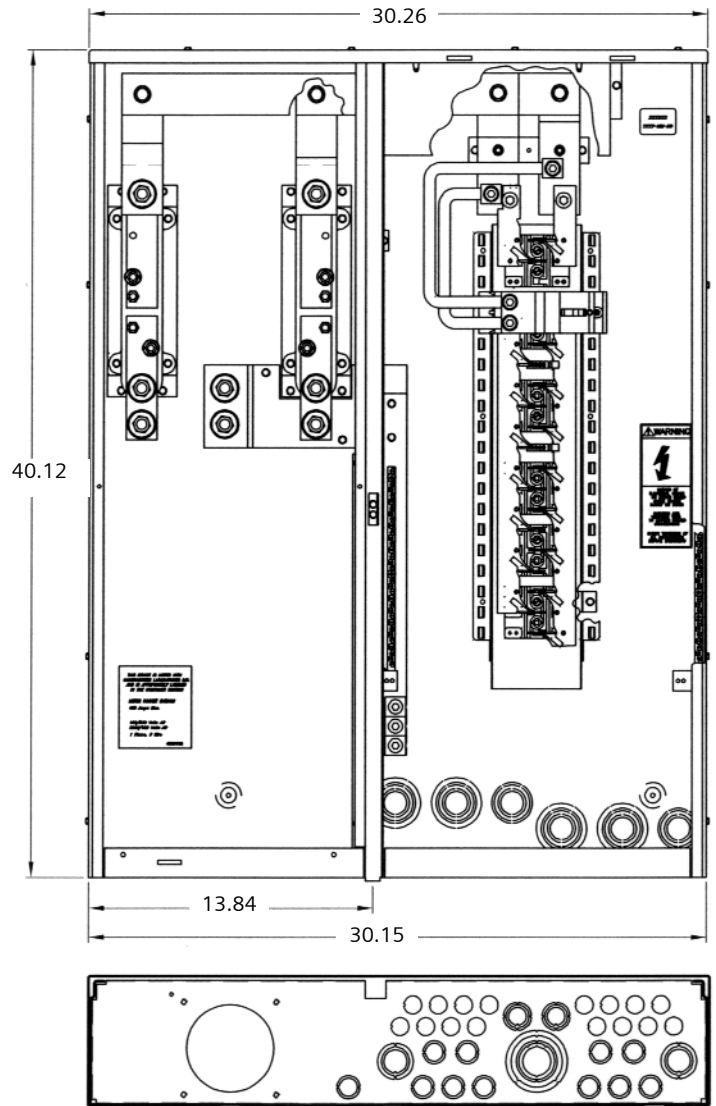
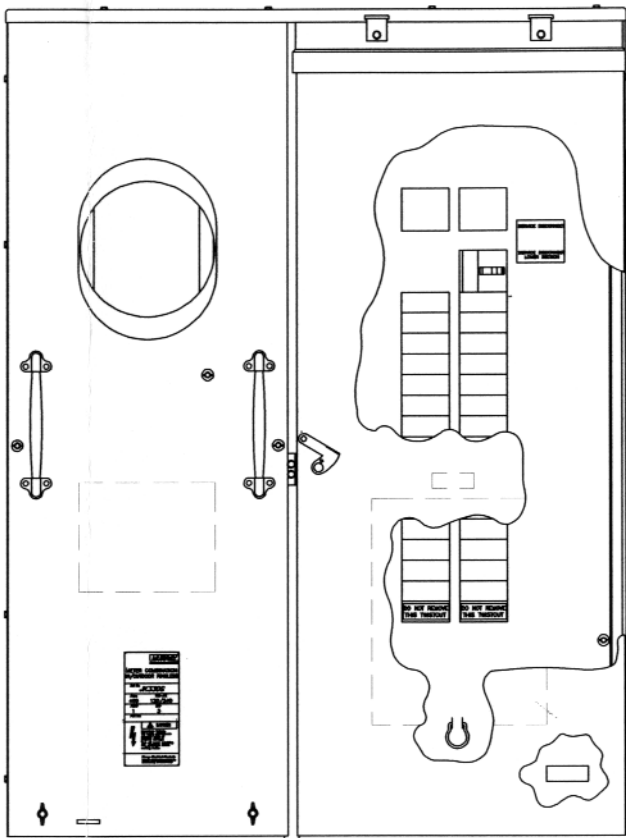


# Meter/Load Center Combinations

## FEATURES

- UL Listed only for use as service entrance equipment
- 22K AIC rated
- Underground feed only
- EUSERC approved
- 400 amp, factory installed main breaker
- Bolt-on meter socket / ringless type
- Uses HV type hubs



Amps Max	Socket Rating (Cont.)	No. of Spaces	No. of Circuits	Catalog Number	Feed	Main Type	Field Added Main Provisions	Bypass Type
400	400	30	40	<b>MC3040MB22B</b>	UG	QNH	QNH	None

*fastfax*

**SIEMENS**

# SIEMENS

## Rainproof Combination Metering

Catalog Number

**MC3040MB22B**

**RATINGS:**

See Main Breaker Rating  
120/240 Volts AC 1 Phase 3 Wire  
208Y/120 Volts AC 1 Phase 3 Wire  
Meter Socket Rating:  
400 Amps. Continuous  
Branch Rating:  
400 Amps.  
Rating of Device is sum total of  
Service Disconnects No. 1 and  
No. 2  
(See Breaker Handle)

### Suitable Only For Use As Service Equipment

when used as permitted by article  
408.14 of the National Electrical Code.  
Sum of breaker rating not to exceed  
140 amps. per branch circuit bus  
stab.

Single pole circuit breakers with a  
single handle are not permitted for  
use in a two wire circuit connected to  
a three wire system.

Terminals:

### Use Copper or Aluminium Wire

for all panel terminals and on circuit  
breaker terminal when breakers are  
so marked. 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 sizes listed under  
"Ground Bar Wire Size".

Ground Bar Wire Size

Copper  
One #14 - #4 AWG or Two or Three  
#14 - #10 AWG  
Aluminium  
One #12 - #4 AWG or Two or Three  
#12 - #10 AWG

Neutral Bar Wire Size

Wire Size	Tightening Torque
14-10 AWG CU	20 Lb.-Ins.
12-10 AWG AL	20 Lb.-Ins.
8 AWG CU/AL	25 Lb.-Ins.
6 AWG CU/AL	35 Lb.-Ins.
4 AWG CU/AL	45 Lb.-Ins.

Tightening Torques:  
5/16" Nuts.....130/140 in.-lbs.  
3/8" Nuts.....240/260 in.-lbs.  
1/2" Nuts.....490/540 in.-lbs.

Enclosure

### Type 3R

Line Terminals A, B and N suitable  
for 60° / 75°C  
Conductors Wire Size  
Copper and Aluminium  
#1-250 kcmil AWG

Load Terminal

See markings on breakers for torque  
requirements and conductor rating.

Accessories:

Filler Plates: QF-3 (1")  
LX370FP (QPM, QPMH Breakers)  
LX400FP (QNR, QNRH Breakers)  
For Semi-Flush installation use  
Flushing Rail Kit Cat No.  
FRK 30 x 40  
Flashing must be placed over  
flanges to exclude water entering.

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.

Short Circuit Current Rating (Wattour meter not included in short circuit current rating).  
This panelboard has maximum short circuit current rating of 22,000 Amperes RMS symmetrical, 120/240V AC. 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 MAIN	BRANCH BREAKER	SERVICE DISCONNECT	Then the maximum short circuit current rating in RMS symmetrical Amperes 120/240V AC is
When the installed panelboard main breaker is a	And the branch breakers installed are Siemens Type	And the service disconnect installed in the upper section is a Siemens Type (200 Amp. MAX)	
Siemens Type QPMH, QNRH or Murray Type MD-H or MD-HTR	QP, QT, QPH, HQP, QPF, QAF, QPHF, QE, QEH, QAFH	QPH *, QPM, QP * or QNR	10 000
	QP (except 30A), QT (15-30A only) QPH, HQP, QPF, QPHF, QE, QEH, QAF, QAFH	NONE, QPHM or QNRH	22 000
* QP & QPH on Right Side Only.			

Siemens Energy & Automation, Inc.

Alpharetta, Georgia U.S.A.

Made in Canada **DC**

**4094273 Rev. 06**

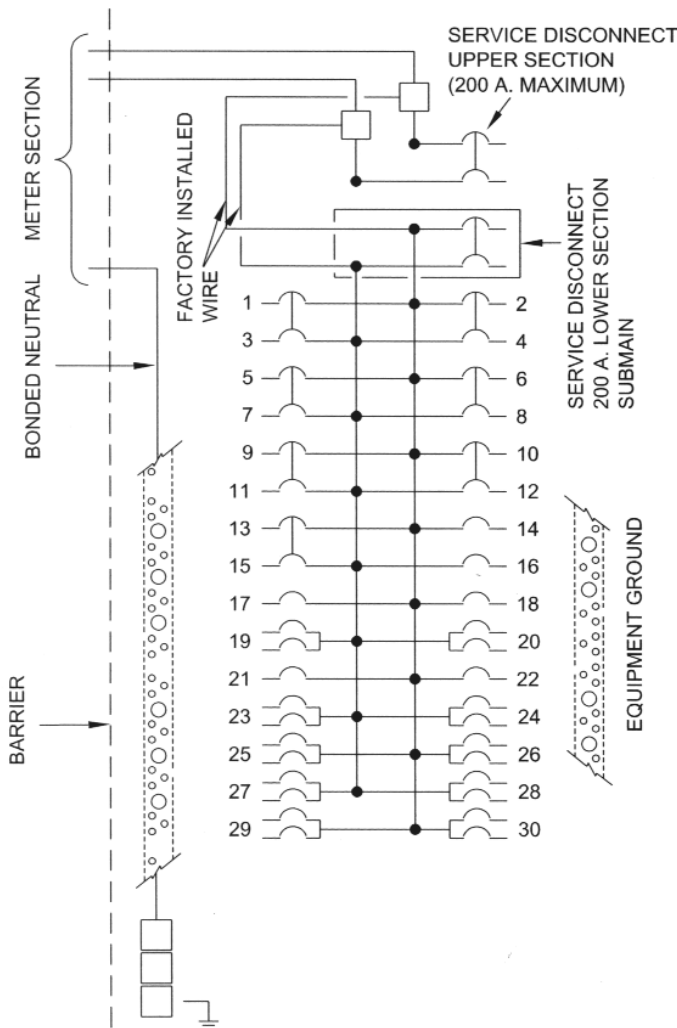
### Important

Use of other circuit breakers in this equipment will void the warranty.

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

### Circuit Directory

- |           |           |
|-----------|-----------|
| 1. _____  | 2. _____  |
| 3. _____  | 4. _____  |
| 5. _____  | 6. _____  |
| 7. _____  | 8. _____  |
| 9. _____  | 10. _____ |
| 11. _____ | 12. _____ |
| 13. _____ | 14. _____ |
| 15. _____ | 16. _____ |
| 17. _____ | 18. _____ |
| 19. _____ | 20. _____ |
| A. _____  | A. _____  |
| B. _____  | B. _____  |
| 21. _____ | 22. _____ |
| 23. _____ | 24. _____ |
| A. _____  | A. _____  |
| B. _____  | B. _____  |
| 25. _____ | 26. _____ |
| A. _____  | A. _____  |
| B. _____  | B. _____  |
| 27. _____ | 28. _____ |
| A. _____  | A. _____  |
| B. _____  | B. _____  |
| 29. _____ | 30. _____ |
| A. _____  | A. _____  |
| B. _____  | B. _____  |



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