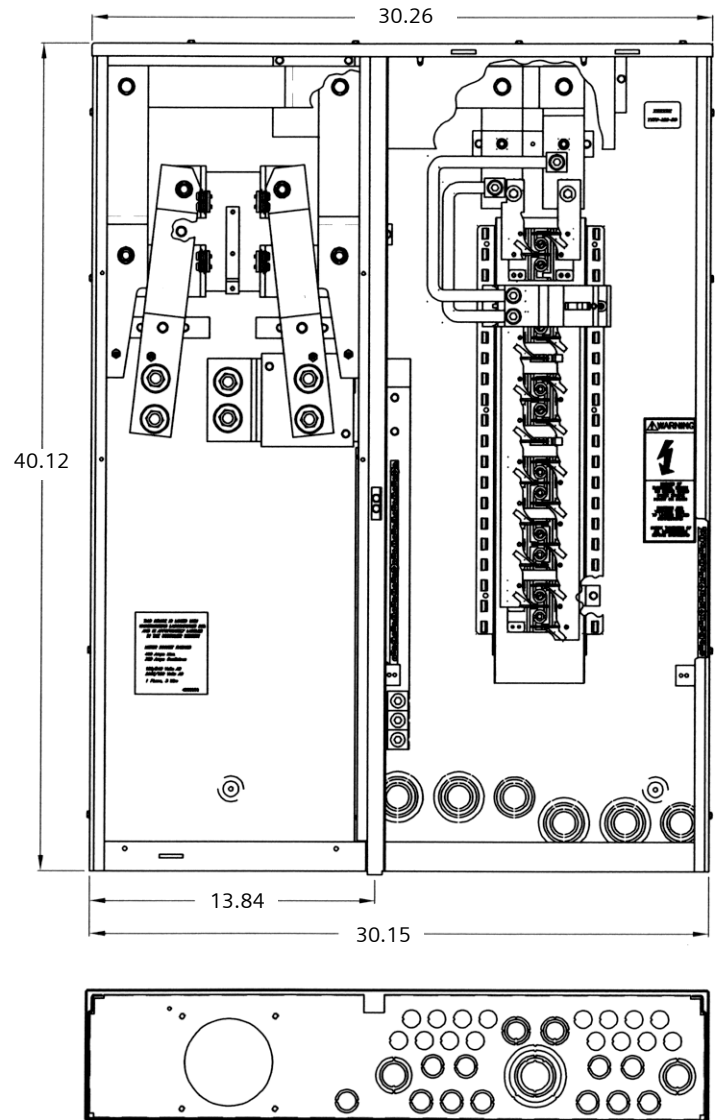
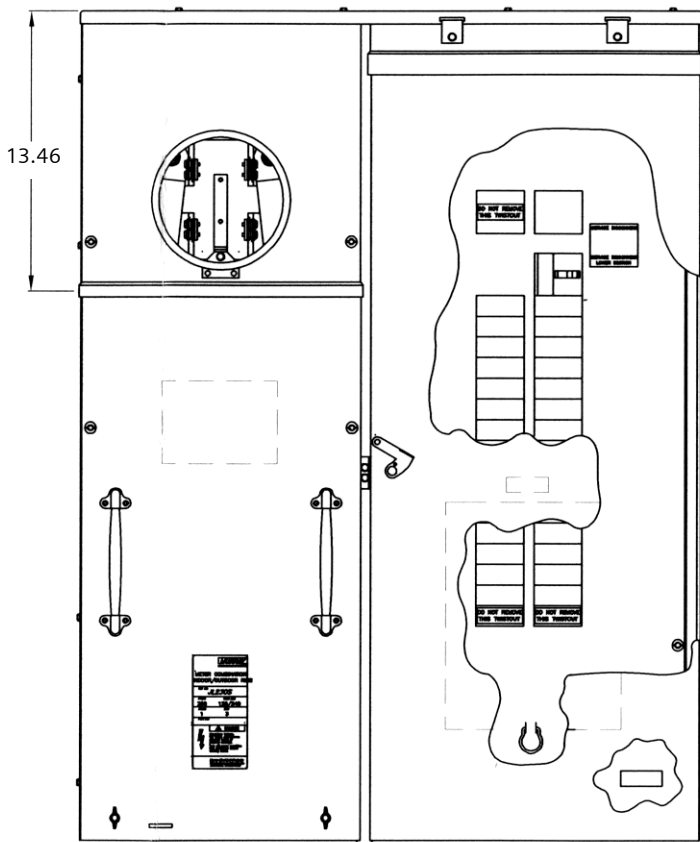


Meter/Load Center Combinations

FEATURES

- UL Listed only for use as service entrance equipment
- 22K AIC rated
- Underground feed only
- EUSERC approved
- 200 amp, factory installed main breaker
- Plug-in meter socket / ring 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
300	320	30	40	MC3040MB21SS	UG	QNH	QP (100A max.)	Test Block
400	320	30	40	MC3040MB22SS	UG	QNH	QN (200A max.)	Test Block

fastfax

SIEMENS

SIEMENS

Rainproof Combination Metering

Catalog Number
MC3040MB21SS

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. Max
320 Amps. Continuous
Branch Rating:
300 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:
Filter Plate-Cat. No. QF-3
For Semi-Flush Installation use Flushing Rail Kit Cat No. FRK 30 x 40
Flashing must be placed over flanges to exclude water entering. For bottom entry Hubs, order "HV" series.

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.

Underground Service
Pull Section meets EUSERC drawing # 342

Terminals Suitable for 60° / 75°C Conductors Wire Copper or Aluminium insulated wire.

Line Terminals
Provisions for U.L. listed one or two hole NEMA mounting terminals.
Compression terminals to #750 kcmil, single conductor, type ACL or 2 ACL.

Installation Tool:
THOMAS & BETTS #TBK-8

Pressure Terminals limited to #800 kcmil, twin conductor, type AU.

Tighten All Electrical Connections Before Energizing.
Do Not Work On This Equipment While Energized.

Short Circuit Current Rating (Walthour meter not included in short circuit current rating). This panelboard has maximum short circuit current rating of 22,000 Amps 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 (100 Amp. MAX)	
Siemens Type QPMH, QNRH or Murray Type MD-H or MD-HTR	QP, QT, QPH, HQP, QPF, QAF, QPHF, QE, QEH, QAFH QP (30A), QT (35-50A) QP (except 30A), QT (15-30A only) QPH, HQP, QPF, QPHF, QE, QEH, QAF, QAFH	QPH * or QP * NONE or QPH * NONE or QPH *	10 000 22 000

* QP & QPH on Right Side Only.

Siemens Energy & Automation, Inc.
Alpharetta, Georgia U.S.A.

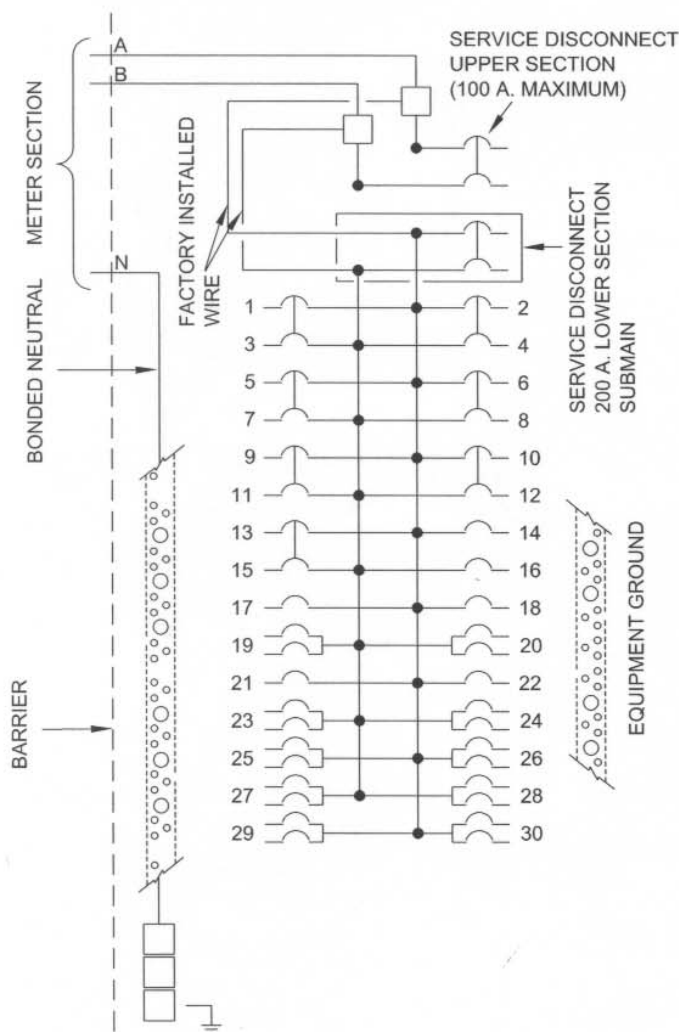
Made in Canada DC
202-0043-001 Rev. 00

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. _____ |
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| 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. _____ |



SIEMENS

Rainproof Combination Metering

Catalog Number
MC3040MB22SS

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. Max
320 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
384 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.
For bottom entry Hubs, order "HV"
series.

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.

Underground Service
Pull Section meets EUSERC drawing # 342

Terminals Suitable for 60° / 75°C Conductors Wire
Copper or Aluminium insulated wire.

Line Terminals
Provisions for U.L. listed one or two hole NEMA mounting
terminals.
Compression terminals to #750 kcmil, single conductor,
type ACL or 2 ACL.

Installation Tool:
THOMAS & BETTS #TBK-8

Pressure Terminals limited to #800 kcmil, twin conductor,
type AU.

Tighten All Electrical Connections Before Energizing.
Do Not Work On This Equipment While Energized.

Short Circuit Current Rating (Wattour meter not included in short circuit current rating).
This panelboard has maximum short circuit current rating of 22,000 Amps 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 QP (30A), QT (35-50A)	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
202-0043-002 Rev. 00

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

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|-----------|-----------|
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| 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. _____ |

