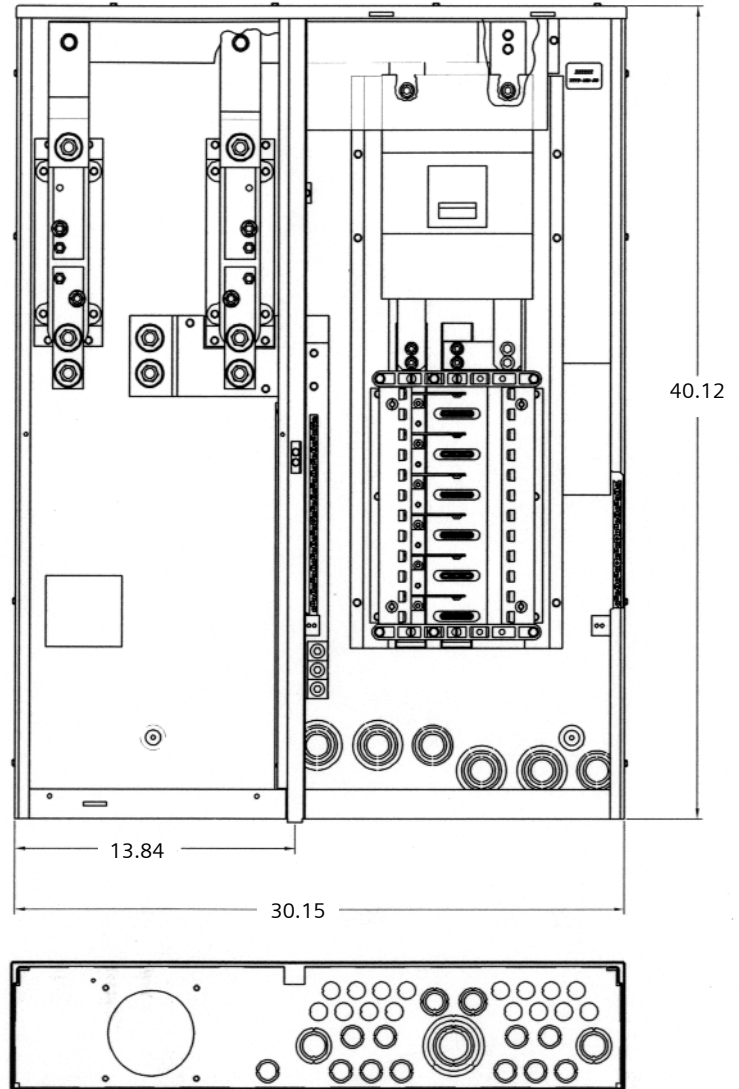
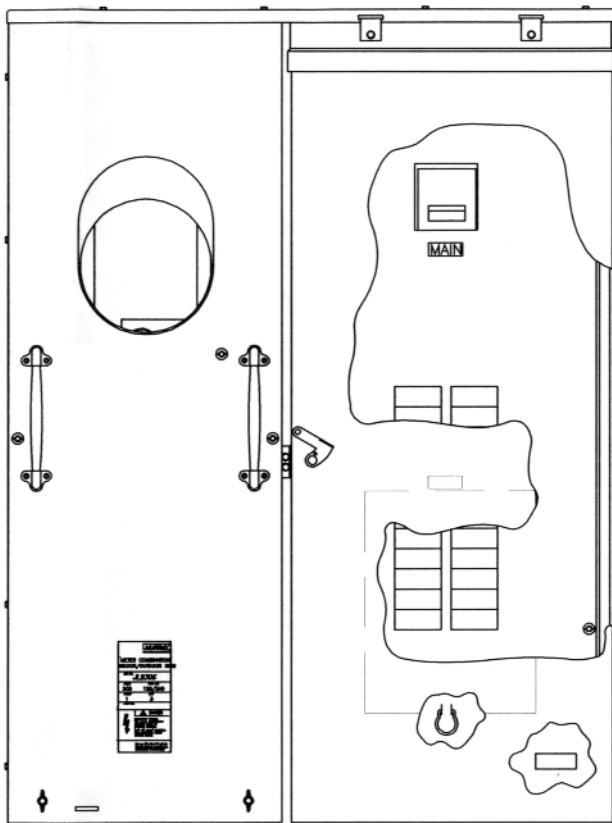


Meter/Load Center Combinations

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	24	42	MC2442MB14B	UG	JXD	None	None

fastfax

SIEMENS

SIEMENS

Rainproof Combination Metering

Catalog Number
MC2442MB14B

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.
(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 200 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 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. Lug Kits - LK series 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 (Wathour 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 equal to the lowest interrupting rating of any installed circuit breakers. Use only Siemens Type QP, QPH, HQP, QPM, QPMH, QPF, QPHF, QE, QEH, QT, QNR, QNRH, QAF, QAFH circuit breakers. Any circuit breaker installed, replaced or added in this panelboard must be manufactured by Siemens and must be of equal or greater interrupting rating than the breakers installed.

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

Made in Canada DC
4094330 Rev. 03

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. _____ |
| A. _____ | A. _____ |
| B. _____ | B. _____ |
| 9. _____ | 10. _____ |
| 11. _____ | 12. _____ |
| A. _____ | A. _____ |
| B. _____ | B. _____ |
| 13. _____ | 14. _____ |
| A. _____ | A. _____ |
| B. _____ | B. _____ |
| 15. _____ | 16. _____ |
| A. _____ | A. _____ |
| B. _____ | B. _____ |
| 17. _____ | 18. _____ |
| A. _____ | A. _____ |
| B. _____ | B. _____ |
| 19. _____ | 20. _____ |
| A. _____ | A. _____ |
| B. _____ | B. _____ |
| 21. _____ | 22. _____ |
| A. _____ | A. _____ |
| B. _____ | B. _____ |
| 23. _____ | 24. _____ |
| A. _____ | A. _____ |
| B. _____ | B. _____ |

