

# SIEMENS

## Manufactured Housing Load Center

Catalog Number <b>BMW1224MB1200F</b> (Trim Catalog Number TMW1224MB1200F)	Series <b>F</b>	Enclosure <b>Type 1</b>
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Ratings:  
200 Amp. Max. See Main Breaker Rating  
120/240 Volts AC 1 Phase 3 Wire  
208Y/120 Volts AC 1 Phase 3 Wire

### Suitable For Use As Service Equipment

when used as permitted by Article 384 of the National Electrical Code.

When bonding is required, insert round end of bonding strap into neutral bar hole and align hole in bonding strap with hole in box. Install #10 screw and tighten neutral bar screw on bonding strap.

Sum of QT breaker rating not to exceed 110 amps. per branch circuit bus stab.

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.

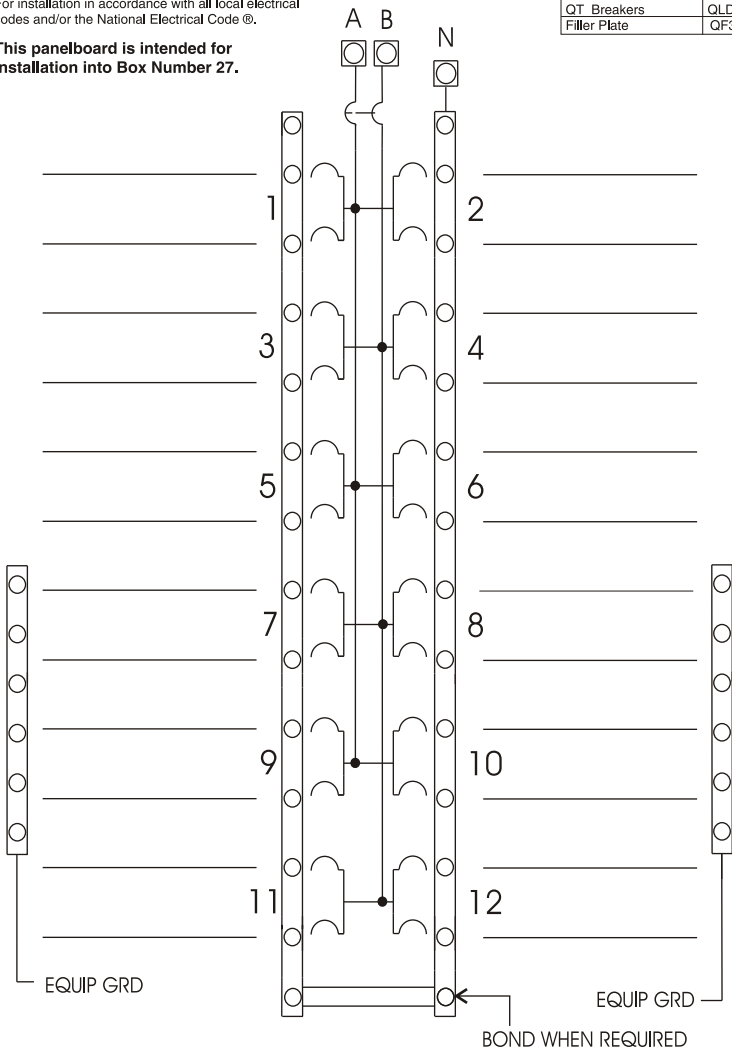
For installation in accordance with all local electrical codes and/or the National Electrical Code @.

**This panelboard is intended for installation into Box Number 27.**

### USE COPPER OR ALUMINUM 60°/75°C WIRE

Terminals	Wire Size AWG	Torque
A, B & N	250 kcmil - 1 AWG	340 lb.-ins.
Neutral/Right Side Ground Bar	#10-14 CU/#10-12 AL	20 lb.-ins.
	#8	25 lb.-ins.
	#6	35 lb.-ins.
Grd. Conductors Only	#4	45 lb.-ins.
	(2) or (3) #10-14 CU or #10-12 AL	20 lb.-ins.
Left Side Ground Bar: Large Hole	1/0-#3	50 lb.-ins.
	#4-#6	45 lb.-ins.
	#8	40 lb.-ins.
	#10-14 CU/#10-12 AL	35 lb.-ins.
Small Hole	#6	35 lb.-ins.
	#8	25 lb.-ins.
	#10-14 CU/#10-12 AL	20 lb.-ins.
	LK1-2 (Accessory)	2/0-#2
LK2 (Accessory)	2/0-#4	135 lb.-ins.
LK3 (Accessory)	300 kcmil - 1 AWG	340 lb.-ins.
Branch Breakers	See Marking on Breaker	

Accessories	
Description	Cat. No.
Door Lock	QFL2
Trim Screw	TS2
Padlock Device for QP Breakers	QLD3
Padlock Device for QT Breakers	QLD4
Filler Plate	QF3



#### Installation Instructions

1. Pull supply cables far enough into the box to allow for the longest connection. Provide proper protection to the conductors insulation between service entrance equipment and home.
2. Cut the equipment ground wire to length and connect it to the Ground Bar shown in schematic.
3. Cut the supply wires to length and cut off just enough insulation to allow them to be inserted into their terminals. Exposed ends of aluminum wire must be wire-brushed and immediately coated with an oxide-inhibiting compound prior to insertion.
4. Install the supply wires by loosening terminal screws "A", "B" (main circuit breaker), and "N" as shown in schematic, and connecting the neutral (grounded conductor) wire to the "N" terminal and the phase conductors to terminals A and B.
5. Tighten all terminal screws to the torque specified above.

#### SHORT CIRCUIT CURRENT RATING

This panelboard has a maximum short circuit current rating of 22,000 Amps RMS symmetrical, 120/240 V ac. The actual rating is dependent on the branch breakers installed in this panelboard. The correct main breaker/branch breaker series combinations to be used 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	Then the maximum short circuit current rating in RMS symmetrical Amperes, 120/240 is
When the installed main breaker in this panelboard is a Siemens Type	And the branch breakers installed are Siemens Type	
EQ9685	QP, QT, QPH, HQP, QPF, QPHF, QAF, QAFH, QE, QEH, QNR	22,000

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C 4096053 Rev.A

#### Important

This equipment has been designed for use only with Siemens T type Circuit Breakers shown above. 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.

**⚠ DANGER**

**Hazardous Voltage. Will cause death, serious injury or substantial property damage.**

Turn off power supplying this equipment before working inside.



**⚠ PELIGRO**

**Voltaje peligroso. Causará la muerte, lesiones graves o daño substancial a la propiedad.**

Desconecte el suministro de energía a este equipo antes de trabajar en su interior.