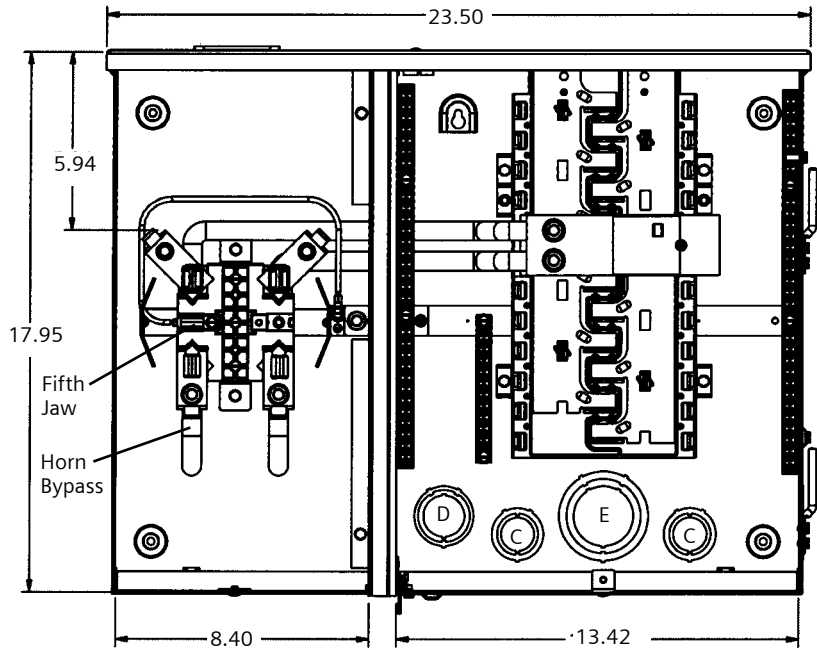


# Meter/Load Center Combinations

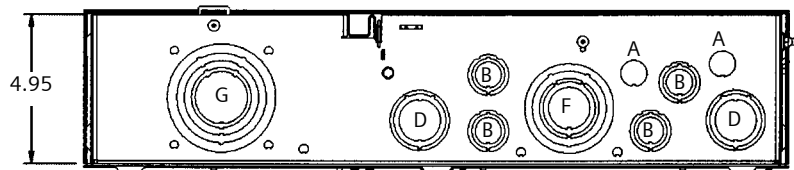
## FEATURES

- UL Listed only for use as service entrance equipment
- Overhead and underground feed
- Side hinged door, only one screw required to remove door
- Captive deadfront screw
- 22K AIC rating
- Meter socket jaw guides provided on ringless devices
- Ring and ringless versions available
- 5th jaw option available
- Surface mount
- NEMA Type 3R enclosure with painted, G90 galvanized steel Alstan<sup>®</sup> tin-plated aluminum bus bars
- Horn bypass available



## Knockout Code

- |   |                                  |
|---|----------------------------------|
| A | = 1/2"                           |
| B | = 1/2", 3/4", 1"                 |
| C | = 3/4", 1", 1-1/4"               |
| D | = 1, 1-1/4", 1-1/2"              |
| E | = 1-1/2", 2", 2-1/2"             |
| F | = 1", 1-1/4", 1-1/2", 2", 2-1/2" |
| G | = 1-1/4", 1-1/2", 2", 2-1/2", 3" |



Meter Socket Ampere Rating	Catalog Number	Max. 1" Spaces	Max. Circuits	Phase	Main Ampere Rating	Number of Jaws	Type of Bypass	Type of Cover
200	MC2040B1150RJB	20	40	Single	150	5	Horn	Ringless
200	MC2040B1150R	20	40	Single	150	4	None	Ringless
200	MC2040B1200R	20	40	Single	200	4	None	Ringless
200	MC2040B1200RJB	20	40	Single	200	5	Horn	Ringless

Family Type J

# fastfax

# SIEMENS

# SIEMENS

## Rainproof Combination Metering

Catalog Number  
**MC2040B1150RJB**

Enclosure  
**Type 3R**

**RATING**  
150 AMPS MAX.  
120/240 VOLTS AC, 1 PHASE, 3 WIRE  
208Y/120 VOLTS AC, 1 PHASE, 3 WIRE  
(DERIVED FROM 3 PHASE - 4 WIRE SYSTEM)

**METER SOCKET RATING**  
200 AMPS CONTINUOUS

**SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.**

**FOR OVERHEAD OR UNDERGROUND SERVICE  
USE 60/75° COPPER OR ALUMINUM CONDUCTOR** IN TERMINALS A, B, N1, N2, AND N3.

**GENERAL INFORMATION**  
REMOVE TWISTOUTS FROM DEADFRONT ONLY WHERE BREAKERS WILL BE INSTALLED. ALLOPENINGS MUST BE FILLED WITH BREAKERS OR FILLER PLATES.

CIRCUIT BREAKERS 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®.

SUM OF QP, QT, QPF, QE, QAF, QG, QW BREAKERS NOT TO EXCEED 80 AMPS PER STAB.

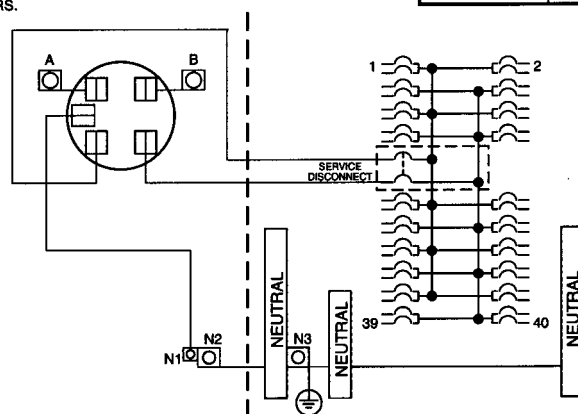
ANY UNUSED NEUTRAL POSITIONS MAY BE USED AS GROUND CONDUCTORS.

Terminal	Wire Size	Torque
A, B	350kcmil - #6	275 lb-in
N1	#2 - #3	50 lb-in
	#4 - #6	45 lb-in
	#8	40 lb-in
	#10 - #14	35 lb-in
N2	250kcmil - #6	275 lb-in
N3	1/0 - #14	120 lb-in
Branch Breaker Terminals	See Markings on Breaker	
Neutral Bar	#10 - #14 CU	20 lb-in
	#10 - #12 AL	20 lb-in
	#8	25 lb-in
	#6 - #4	35 lb-in
Ground Conductors Only	(2) or (3) #14 AWG	20 lb-in
	(2) #12-#10 AWG	20 lb-in

**ACCESSORIES**  
FILLER PLATE - CAT. NO. QF3  
LAY-IN LUG NEUTRAL KIT - CAT. NO. LLK1

IF HUB IS REQUIRED, THE CATALOG NUMBERS LISTED BELOW MAY BE USED ON THIS ENCLOSURE

TRADE SIZE (IN)	CATALOG NUMBER
1-1/4"	RX125
1-1/2"	RX150
2"	RX200
2-1/2"	RX250



**SHORT CIRCUIT CURRENT RATING (WATTHOUR METER NOT INCLUDED IN SHORT CIRCUIT RATING)**  
THIS PANELBOARD HAS A SHORT CIRCUIT CURRENT RATING OF 22,000 AMPS RMS SYMMETRICAL, 120/240 VAC. THE CORRECT 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.

MAIN BREAKER WHEN THE MAIN BREAKER IS:	BRANCH BREAKER AND THE BRANCH BREAKERS INSTALLED ARE SIEMENS TYPE:	THEN THE MAXIMUM SHORT CIRCUIT RATING IN RMS SYMMETRICAL AMPERES, 120/240 VOLTS AC IS:
QNRH	QP, QT, QPF, QPH, QE, QEH, QAF, QAFH, QNR, QPH, QG, QW, HQP	22,000

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Siemens Energy & Automation, Inc. Alpharetta, Georgia U.S.A. T 4099524 Rev.B

**IMPORTANT** DO NOT ALLOW PETROLEUM BASED (HYDROCARBON) SPRAYS, CHEMICALS, SOLVENTS OR ANY PAINT TO CONTACT INTERIOR COMPONENTS. PETROLEUM BASED CHEMICALS CAN CAUSE DEGRADATION OF ELECTRICAL INSULATING MATERIALS.

# SIEMENS

## Rainproof Combination Metering

Catalog Number  
**MC2040B1150R**

Enclosure  
**Type 3R**

### RATING

150 AMPS MAX.  
120/240 VOLTS AC, 1 PHASE, 3 WIRE  
208Y/120 VOLTS AC, 1 PHASE, 3 WIRE, WHEN 5TH JAW IS INSTALLED.  
(DERIVED FROM 3 PHASE - 4 WIRE SYSTEM)

METER SOCKET RATING  
200 AMPS CONTINUOUS

**SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.**

**FOR OVERHEAD OR UNDERGROUND SERVICE**

**USE 60/75° COPPER OR ALUMINUM CONDUCTOR** IN TERMINALS A, B, N1, N2, AND N3.

### GENERAL INFORMATION

REMOVE TWISTOUTS FROM DEADFRONT ONLY WHERE BREAKERS WILL BE INSTALLED. ALLOPENINGS MUST BE FILLED WITH BREAKERS OR FILLER PLATES.

CIRCUIT BREAKERS 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®.

SUM OF QP, QT, QPF, QE, QAF, QG, QW BREAKERS NOT TO EXCEED 80 AMPS PER STAB.

ANY UNUSED NEUTRAL POSITIONS MAY BE USED AS GROUND CONDUCTORS.

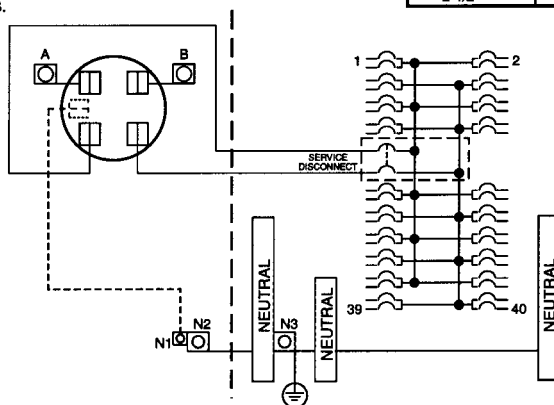
Terminal	Wire Size	Torque
A, B	350kcmil - #6	275 lb-in
N1	#2 - #3	50 lb-in
	#4 - #6	45 lb-in
	#8	40 lb-in
	#10 - #14	35 lb-in
N2	250kcmil - #6	275 lb-in
N3	1/0 - #14	120 lb-in
Branch Breaker Terminals	See Markings on Breaker	
Neutral Bar	#10 - #14 CU	20 lb-in
	#10 - #12 AL	20 lb-in
	#8	25 lb-in
	#6 - #4	35 lb-in
Ground Conductors Only	(2) or (3) #14 AWG	20 lb-in
	(2) #12-#10 AWG	20 lb-in

### ACCESSORIES

FILLER PLATE - CAT. NO. QF3  
5th JAW ACCESSORY - CAT. NO. MC5J  
LAY-IN LUG NEUTRAL KIT - CAT. NO. LLK1

IF HUB IS REQUIRED, THE CATALOG NUMBERS LISTED BELOW MAY BE USED ON THIS ENCLOSURE

TRADE SIZE (IN)	CATALOG NUMBER
1-1/4"	RX125
1-1/2"	RX150
2"	RX200
2-1/2"	RX250



SHORT CIRCUIT CURRENT RATING (WATTHOUR METER NOT INCLUDED IN SHORT CIRCUIT RATING)  
THIS PANELBOARD HAS A SHORT CIRCUIT CURRENT RATING OF 22,000 AMPS RMS SYMMETRICAL, 120/240 VAC.  
THE CORRECT 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.

MAIN BREAKER WHEN THE MAIN BREAKER IS:	BRANCH BREAKER AND THE BRANCH BREAKERS INSTALLED ARE SIEMENS TYPE:	THEN THE MAXIMUM SHORT CIRCUIT RATING IN RMS SYMMETRICAL AMPERES, 120/240 VOLTS AC IS:
QNRH	QP, QT, QPF, QPH, QE, QEH, QAF, QAFH, QNR, QPH, QG, QW, HQP	22,000

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# SIEMENS

## Rainproof Combination Metering

Catalog Number  
**MC2040B1200R**

Enclosure  
**Type 3R**

**RATING**  
200 AMPS MAX.  
120/240 VOLTS AC, 1 PHASE, 3 WIRE  
208Y/120 VOLTS AC, 1 PHASE, 3 WIRE, WHEN 5TH JAW IS INSTALLED.  
(DERIVED FROM 3 PHASE - 4 WIRE SYSTEM)

**METER SOCKET RATING**  
200 AMPS CONTINUOUS

**SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.**

**FOR OVERHEAD OR UNDERGROUND SERVICE**  
**USE 60/75° COPPER OR ALUMINUM CONDUCTOR** IN TERMINALS A, B, N1, N2, AND N3.

**GENERAL INFORMATION**  
REMOVE TWISTOUTS FROM DEADFRONT ONLY WHERE BREAKERS WILL BE INSTALLED. ALL OPENINGS MUST BE FILLED WITH BREAKERS OR FILLER PLATES.

CIRCUIT BREAKERS 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®.

SUM OF QP, QT, QPF, QE, QAF, QG, QW BREAKERS NOT TO EXCEED 80 AMPS PER STAB.

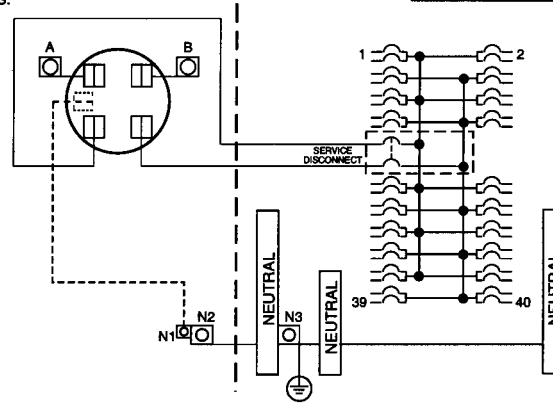
ANY UNUSED NEUTRAL POSITIONS MAY BE USED AS GROUND CONDUCTORS.

Terminal	Wire Size	Torque
A, B	350kcmil - #6	275 lb-in
N1	#2 - #3	50 lb-in
	#4 - #6	45 lb-in
	#8	40 lb-in
	#10 - #14	35 lb-in
N2	250kcmil - #6	275 lb-in
N3	1/0 - #14	120 lb-in
Branch Breaker Terminals	See Markings on Breaker	
Neutral Bar	#10 - #14 CU	20 lb-in
	#10 - #12 AL	20 lb-in
	#8	25 lb-in
	#6 - #4	35 lb-in
Ground Conductors Only	(2) or (3) #14 AWG	20 lb-in
	(2) #12-#10 AWG	20 lb-in

**ACCESSORIES**  
FILLER PLATE - CAT. NO. QF3  
5th JAW ACCESSORY - CAT. NO. MC5J  
LAY-IN LUG NEUTRAL KIT - CAT. NO. LLK1

IF HUB IS REQUIRED, THE CATALOG NUMBERS LISTED BELOW MAY BE USED ON THIS ENCLOSURE

TRADE SIZE (IN)	CATALOG NUMBER
1-1/4"	RX125
1-1/2"	RX150
2"	RX200
2-1/2"	RX250



**SHORT CIRCUIT CURRENT RATING (WATT HOUR METER NOT INCLUDED IN SHORT CIRCUIT RATING)**  
THIS PANELBOARD HAS A SHORT CIRCUIT CURRENT RATING OF 22,000 AMPS RMS SYMMETRICAL, 120/240 VAC. THE CORRECT BRANCH BREAKERS AND MAINBRANCH 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.

MAIN BREAKER WHEN THE MAIN BREAKER IS:	BRANCH BREAKER AND THE BRANCH BREAKERS INSTALLED ARE SIEMENS TYPE:	THEN THE MAXIMUM SHORT CIRCUIT RATING IN RMS SYMMETRICAL AMPERES, 120/240 VOLTS AC IS:
QNRH	QP, QT, QPF, QPH, QE, QEH, QAF, QAFH, QNR, QPH, QG, QW, HQP	22,000

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# SIEMENS

## Rainproof Combination Metering

Catalog Number  
**MC2040B1200RJB**

Enclosure  
**Type 3R**

**RATING**  
200 AMPS MAX.  
120/240 VOLTS AC, 1 PHASE, 3 WIRE  
208Y/120 VOLTS AC, 1 PHASE, 3 WIRE  
(DERIVED FROM 3 PHASE - 4 WIRE SYSTEM)

**METER SOCKET RATING**  
200 AMPS CONTINUOUS

**SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.**

**FOR OVERHEAD OR UNDERGROUND SERVICE  
USE 60/75° COPPER OR ALUMINUM CONDUCTOR** IN TERMINALS A, B, N1, N2, AND N3.

Terminal	Wire Size	Torque
A, B	350kcmil - #6	275 lb-in
N1	#2 - #3	50 lb-in
	#4 - #6	45 lb-in
	#8	40 lb-in
	#10 - #14	35 lb-in
N2	250kcmil - #6	275 lb-in
N3	1/0 - #14	120 lb-in
Branch Breaker Terminals	See Markings on Breaker	
Neutral Bar	#10 - #14 CU	20 lb-in
	#10 - #12 AL	20 lb-in
	#8	25 lb-in
	#6 - #4	35 lb-in
Ground Conductors Only	(2) or (3) #14 AWG	20 lb-in
	(2) #12-#10 AWG	20 lb-in

**GENERAL INFORMATION**  
REMOVE TWISTOUTS FROM DEADFRONT ONLY WHERE BREAKERS WILL BE INSTALLED. ALL OPENINGS MUST BE FILLED WITH BREAKERS OR FILLER PLATES.

CIRCUIT BREAKERS 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®.

SUM OF QP, QT, QPF, QE, QAF, QG, QW BREAKERS NOT TO EXCEED 80 AMPS PER STAB.

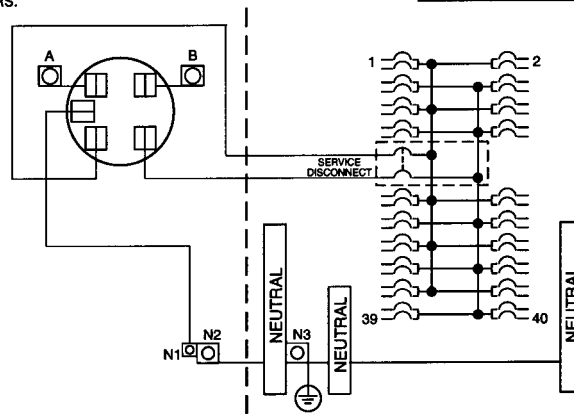
ANY UNUSED NEUTRAL POSITIONS MAY BE USED AS GROUND CONDUCTORS.

### ACCESSORIES

FILLER PLATE - CAT. NO. QF3  
LAY-IN LUG NEUTRAL KIT - CAT. NO. LLK1

IF HUB IS REQUIRED, THE CATALOG NUMBERS LISTED BELOW MAY BE USED ON THIS ENCLOSURE

TRADE SIZE (IN)	CATALOG NUMBER
1-1/4"	RX125
1-1/2"	RX150
2"	RX200
2-1/2"	RX250



**SHORT CIRCUIT CURRENT RATING (WATTHOUR METER NOT INCLUDED IN SHORT CIRCUIT RATING)**  
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MAIN BREAKER WHEN THE MAIN BREAKER IS:	BRANCH BREAKER AND THE BRANCH BREAKERS INSTALLED ARE SIEMENS TYPE:	THEN THE MAXIMUM SHORT CIRCUIT RATING IN RMS SYMMETRICAL AMPERES, 120/240 VOLTS AC IS:
QNRH	QP, QT, QPF, QPHF, QE, QEH, QAF, QAFH, QNR, QPH, QG, QW, HQP	22,000

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