

SIEMENS

Rainproof Combination Metering

Catalog Number

MC1020B1100S (SURFACE)
MC1020B1100F (SEMI-FLUSH)
MC1020B1100SZ (SURFACE - NO TOP EXIT)
MC1020B1100FZ (SEMI-FLUSH - NO TOP EXIT)

RATING

100 AMPS maximum - see service disconnect handle
 120/240 V~ 1 phase, 3 wire

METER SOCKET RATING

100 AMPS continuous

For installation by Qualified Person in accordance with all local electrical codes and/or the National Electrical Code.®

SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT

For Overhead Service Only. Use Copper or Aluminum Wire

Line terminals A, B and N suitable for 60°/75°C

Conductors wire size 2/0-#14 torque terminals to 50 lb-in

Branch Breaker terminal suitable for 60°/75° C Copper or Aluminum conductors.

See markings on breaker for torque requirements and conductor ratings.

Branch circuit conductors limited to #1 AWG, except limited to #3 AWG when leaving the enclosure through the center 6" of the bottom end wall.

Building paper or flashing must be over front of flanges on semi-flush device.

GENERAL INFORMATION:

Remove twistouts from deadfront only where circuit breaker will be installed.

All openings must be filled with either circuit breakers or filler plates.

Circuit breaker trip position is indicated by handle position midway between ON and OFF. To reset, move handle to OFF position then turn ON.

NEUTRAL/GROUND BAR

TERMINAL TIGHTENING TORQUES (LB.-IN.)

Wire Size	Ø	○
3	45	--
4	45	--
6	45	35
8	40	25
10-14	35	20

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 V~. The correct branch circuit 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 tabulations below.

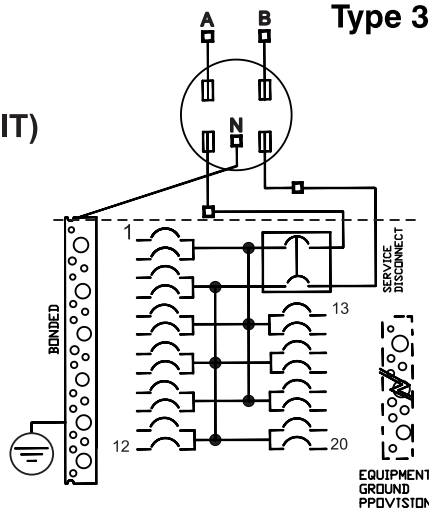
Main Breaker	Branch Breaker	Then the maximum short circuit rating in RMS symmetrical amperes, 120/240V~is:
When the panelboard service disconnect is a Type:	And the branch breakers installed are Type:	
EQ9675, QPH	QP, QPH, QT, QPF, QPHF, QAF, QAFH, QE, QEH, MP-T, MP-HT, MH-T, MP-GT, MP-HGT, MP-AT, MP-HAT, MP-ET and MP-HET	22,000

WARNING: This device has been designed for use only with those circuit breakers as listed above. Use of other circuit breakers in this device will void the warranty and could result in property damage or personal injury.

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.

Enclosure

Type 3R



ACCESSORIES:

Filler Plate - ECQF3

Ground Bar - Series "ECLX"

HUBS

CAT. No.	Hub Size	
EC38596	1	
EC38597	1 1/4	
EC38598	1 1/2	
EC38599	2	
EC38600	2 1/2	
EC38595	-	CLOSURE PLATE

Interlock Kit - ECSBPK01, ECSBPK02

NEUTRAL/GROUND BAR TERMINAL WIRE RANGES (AWG)

○ = (1) #3-14CU, #3-12AL OR

(2 OR 3)* #10-14CU, #10-12AL

○ = (1) #6-14CU, (1) #6-12AL OR (2)* #12-14CU, #12 AL

UNUSED NEUTRAL BAR TERMINALS MAY BE USED AS EQUIPMENT GROUNDING WIRE TERMINALS.

***ONLY EQUIPMENT GROUNDING CONDUCTORS MAY BE GROUPED MORE THAN ONE PER TERMINAL.**