

# Rainproof Combination Metering

Catalog Number

Model

Enclosure  
Type 3R

**JA1020B1100S (SURFACE)**  
**JA1020B1100F (FLUSH)**  
**JA1020B1100SZ (SURFACE - 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	○	◊
3	45	-
4	45	-
6	45	35
8	40	25
10-14	35	20

**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.**

Short Circuit Current Rating (Wattour 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 (Murray brand) 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 main breaker is:	And the branch breakers installed are type:	
MP-HT	MP-T, MP-HT, MH-T, MP-GT (40A max), MP-HGT(40A max), MP-AT, MP-HAT, MP-ET or 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.**

MANUFACTURING DATE:



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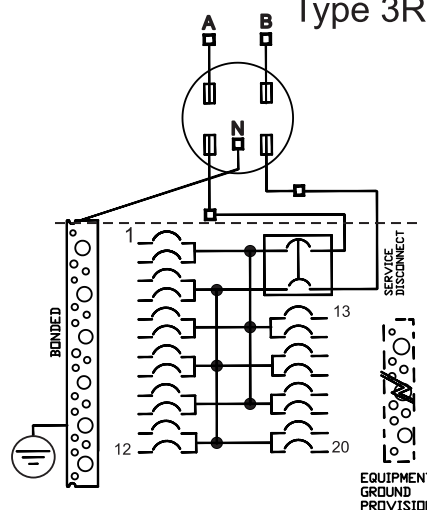
**Important** Do not spray or allow any petroleum based chemicals, solvents, or paint to contact interior components.

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**Murray Electrical Products**  
 Siemens Industry, Inc.  
 Norcross, Georgia U.S.A.

ASSEMBLED IN MEXICO



**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