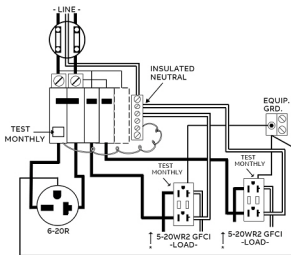




# TYPICAL WIRING DIAGRAM

POWER OUTLET  
--66FL  
--E22901



- SUITABLE FOR USE AS RECREATIONAL VEHICLE SITE SUPPLY. IF USED AS RECREATIONAL VEHICLE SITE SUPPLY EQUIPMENT, DO NOT BOND NEUTRAL.

- GROUND FAULT PROTECTED - WARNING: PERSONS CONTACTING MORE THAN ONE LEG OF THE CIRCUIT AT THE SAME TIME ARE NOT PROTECTED.

\*- IF FEED THROUGH CIRCUIT IS UTILIZED FIELD WIRE FROM "LOAD" TERMINALS.

## USE CU/AL WIRE

ALUMINUM TERMINATIONS: TO HELP GUARD AGAINST OVERHEATING WHEN CONNECTING ALUMINUM WIRE IN CU/AL LUG, REMOVE OXIDE FILM FROM WIRE AND PROTECT IT WITH OXIDE INHIBITING COMPOUND.

ADDITIONAL SPACE PROVIDED FOR: (1) ABB TYPE THQL 20 AMP. MAX SINGLE - POLE, CUTLER HAMMER/WESTINGHOUSE/BRYANT TYPE BR, ITE/SIEMENS TYPE Q OR MIDWEST TYPE MHQL CIRCUIT BREAKERS.

### TEST PROCEDURE FOR GFCI RECEPTACLE

1. PUSH TEST BUTTON. RESET BUTTON SHOULD POP OUT FROM INNER-SURFACE. THIS SHOULD RESULT IN POWER BEING OFF AT ALL OUTLETS PROTECTED BY THE GFCI. VERIFY BY PLUGGING TEST LAMP INTO EVERY SUCH OUTLET. IF YOUR GFCI HAS AN INDICATOR LIGHT, THIS LIGHT SHOULD BE ON WHEN CIRCUIT IS COMPLETE. TEST WITH TEST LAMP TO DETERMINE CONDITION OF CIRCUIT AND PROPER OPERATION OF INDICATOR LIGHT. CAUTION: IF RESET BUTTON DOES NOT POP OUT OR IF TEST LAMP OR INDICATOR LIGHT REMAINS LIT WHEN RESET BUTTON DOES NOT POP OUT, DO NOT USE ANY OUTLETS ON THE CIRCUIT. CALL A QUALIFIED ELECTRICIAN!

2. IF THE GFCI TEST OKAY, RESTORE POWER BY PUSHING THE RESET BUTTON BACK IN. THE RESET BUTTON MUST BE PUSHED FIRMLY AND FULLY INTO PLACE UNTIL IT LOCKS AND REMAINS DEPRESSED AFTER PRESSURE HAS BEEN REMOVED. IF THE GFCI FAILS TO RESET PROPERLY, DO NOT USE - CALL A QUALIFIED ELECTRICIAN. TEST LAMP AND/OR INDICATOR LIGHT SHOULD AGAIN LIGHT PROPERLY, DO NOT USE - CALL A QUALIFIED ELECTRICIAN. TEST LAMP AND/OR INDICATOR LIGHT SHOULD AGAIN LIGHT.

IF WATTHOUR METER IS PROVIDED, THEN WATTHOUR METER IS NOT INCLUDED IN SHORT CIRCUIT WITHSTAND RATING.

SHORT CIRCUIT CURRENT RATING OF THIS POWER OUTLET IS 10,000 RMS SYMMETRICAL AMPERES, 240 VOLTS AC MAX. THE BREAKER SHALL HAVE MINIMUM INTERRUPTING RATINGS OF 10,000 AMP RMS. ADDITIONAL OR REPLACEMENT CIRCUIT BREAKERS SHALL BE OF THE SAME MANUFACTURER AND TYPE DESIGNATION AND SHALL HAVE AN EQUAL OR GREATER SHORT CIRCUIT CURRENT RATING.

# RAINPROOF POWER OUTLET CAT. NO. M038CB1033 MOD. 2 100 AMPS MAX 120/240 VOLTS AC 3 WIRE, 1 PHASE TYPE 3R ENCLOSURE

USE ONLY 60 DEG. C (140 DEG. F) OR 75 DEG. C (167 DEG. F) CONDUCTORS ON ALL FIELD INSTALLED LINE, LOAD AND NEUTRAL TERMINATIONS.

THE FOLLOWING GFCI RECEPTABLES MAY BE UTILIZED THIS EQUIPMENT: LEVITON GFWT2, BRYANT HUBBELL GFTR20 OR EATON WRSGF20 OR TWRSGF20.

### OVER CURRENT PROTECTION

IF BREAKER TRIPS, HANDLE WILL BE IN INTERMEDIATE POSITION. TO RESTORE SERVICE, 1. MOVE HANDLE TO "OFF" POSITION. 2. THEN TO "ON" POSITION.

### LUG TIGHTENING TORQUE (IN-LB)

SCREW	WIRE SIZE	TORQUE	SCREW	WIRE SIZE	TORQUE
SLOT	14-10	32-35	INTERNAL HEX	3/16 ACROSS FLATS	120
	8	36-40		1/4 ACROSS FLATS	200
	6-4	41-45		5/16 ACROSS FLATS	275
	3-2/0	45-50			

### WIRE RATING

CONNECTOR	COPPER		ALUMINUM	
	SOLID	STRD	SOLID	STRD
LINE - METER SOCKET	--	6-350	--	6-350
LOAD - PLUG / DUPLEX	14-10	14-10	--	--
NEUTRAL - (LARGE HOLE) 6100	12-8	12-1/0	10-8	10-1/0
NEUTRAL - (SMALL HOLE) 6100	14-8	14-4	12-8	12-4
EQUIPMENT GROUND	12-8	12-2	12-8	12-2

WHEN CABINET HAS PROVISIONS FOR A CONDUIT HUB, SELECT FROM THE CHART BELOW

CONDUIT SIZE	CLOSURE CAP	3/4	1	1 1/4	1 1/2
CAT. NO.	B01	B07	B10	B12	B15

**WARNING:** TO AVOID ACCIDENTAL CONTACT WITH LIVE PARTS, CLOSE ALL OPENINGS WITH BREAKERS OR FILLER PLATES: CAT. NO. 265A5003P1 FOR ONE-POLE FILLER PLATE.

**AVERTISSEMENT:** AFIN D'ÉVITER TOUT CONTACT ACCIDENTEL AVEC DES PARTIES SOUS TENSION, FERMEZ TOUTES LES OUVERTURES AVEC DES DISJONCTEURS OU DESPLAQUES DE DE REMPLISSAGE. NO. CAT. 265A5003P1 POUR PLAQUE DE REMPLISSAGE À UN PÔLE.

## DANGER



HAZARD OF ELECTRICAL SHOCK OR BURN. TURN OFF POWER BEFORE WORKING INSIDE THIS EQUIPMENT.

RISQUE D'ÉLECTROCUTION OU DE BRÛLURE ÉTENDRE TOUTES LES SOURCES D'ALIMENTATION DE L'ÉQUIPEMENT AVEC D'Y TRAVAILER.

MIDWEST ELECTRIC PRODUCTS, INC  
305 GREGSON DRIVE  
CARY, NC 27511  
WWW.MIDWESTELECTRIC.COM  
SAL428@  
MNP601942 REV. E

