

TYPICAL WIRING DIAGRAM

WHEN SPACE FOR MAIN IS UTILIZED, SELECT A CIRCUIT BREAKER FROM THE TABLE (SPACE FOR MAIN) INSTALL THE MINIMUM WIRE SIZE AS SHOWN BETWEEN THE CU AND WIRING BLOCK. PLACE BREAKER OR INSULATION PROVIDED AND ATTACH TO STAND WITH SCREWS PROVIDED.

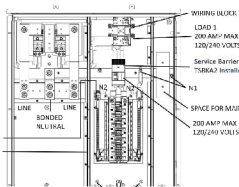
MIN. WIRE SIZE

AMPS	CU	AL
100	1	1
125	1	2/0
150	1/0	3/0
175	2/0	4/0
200	3/0	250



LISTED
CLASS CTL
ENCLOSED PANEL BOARD
ISSUE No C-3024

PLANT SAL



ENCLOSED PANELBOARD LOAD CENTER

CAT NO. **TM2440RMRS** **10,000 AIC**

MODEL 3

400 AMPS (320 AMPS CONTINUOUS 120/240 VOLTS AC)

TYPE 3R ENCLOSURE 1 PHASE 3 WIRE

SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT

THE SHORT CIRCUIT RATING OF THIS PANELBOARD IS EQUAL TO THE LOWEST INTERRUPTING RATING OF ANY INSTALLED CIRCUITBREAKER BUT NOT MORE THAN 22,000 RMS SYMMETRICAL AMPERES AT 240V, SINGLE - PHASE.

WATT - HOUR METER NOT INCLUDED IN SHORT - CIRCUIT RATING

USE ONLY CIRCUIT BREAKERS AS BELOW

SHORT CIRCUIT RATING AT 240V AC MAX.

	AMP	10,000 AIC
MAIN	200 175 150 125	A2A200CTL-2SB A2A175CTL-2SB A2A150CTL-2SB A2A125CTL-2SB

SPACE FOR MAIN	200 175 150 125	A2A200CTL-4SB A2A175CTL-4SB A2A150CTL-4SB A2A125CTL-4SB
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BRANCH SPACES USE G.E. TYPE THQL, THQL, THQP, TODL, THQDL, THQLGF, THQLGF

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.

WARNING: TO AVOID ACCIDENTAL CONTACT WITH LIVE PARTS, CLOSE ALL OPENINGS WITH BREAKERS OR FILLER PLATES: 1/2 INCH FILLER PLATE TFF 1 INCH FILLER PLATE TQFP1

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

GE is a registered trademark used under license from General Electric company.	ACCESSORIES TGL2 GROUND KITS TGL4 TGL8 SEMI-FLUSHING KIT SF400B A2 BREAKER TERMINAL KIT KA2225-2
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To convert to semi-flush, Order Flashing Kit SF400. Remove screws from sides and top of cabinet, place flange into position and re-install screws. Building paper or flashing is to be over the front of flange when seal flush is installed.

Country of Origin: Mexico REV. C MNP800036

WIRE RANGE

CONNECTOR	COPPER		ALUMINUM	
	SOLID	STRANDED	SOLID	STRANDED
NEUTRAL - N1	—	1-300	—	1-300
NEUTRAL - N2	6-2/0	6-2/0	14-1/0	14-1/0
NEUTRAL - N3	14-8	10-4	12-8	10-4
NEUTRAL - N4	14-8	12-8	12-8	12-8
LOAD 1	—	1-300	—	1-300
GROUND	6-2/0	6-2/0	6-2/0	6-2/0

LUG TIGHTENING TORQUE (LB-IN)

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

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

USE COPPER OR ALUMINUM WIRE

USE ONLY 75 DEG.C (167 DEG.F) CONDUCTORS ON ALL FIELD INSTALLED LINE, LOAD AND NEUTRAL TERMINATIONS. USE 60 DEG.C (140 DEG.F) CONDUCTORS ON BRANCH CIRCUITS RATED 110A OR LESS.

THIS PANEL IS UNDERGROUND FEED ONLY
THE DEVICE MEETS FUSEBC SPECIFICATIONS