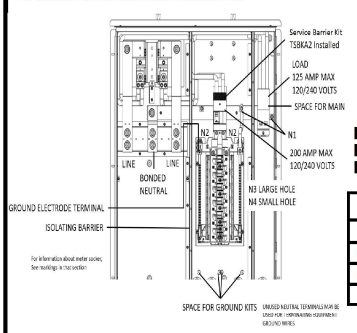
TYPICAL WIRING DIAGRAM

WHEN SPACE FOR MAIN IS UTILIZED, SELECT A CIRCUIT BREAKERFROM THE TABLE (SPACE FOR MAIN). INSTALL THE MINIMUM WIRE SIZE A SHOWN BETWEEN THE CO AND WIRING BLOCK, PLACE BREAKER ON INSULATOR PROVIDED AND ATTACH TO STAND WITH SCREWS PROVIDED.



LISTED

ENCLOSED PANELBOARD ISSUE No C – 3024

LOAD	WIRE RANGE	
AMPS	CU	AL
50 – 80	8 – 3	6 – 2
80 – 100	4 – 1/0	2 – 1/0
125	1 – 2/0	2/0

PLANT SAL

Country of Origin: Mexico

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	SEE ABOVE	SEE ABOVE	SEE ABOVE	SEE ABOVE
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
	3 – 2/0	50
INTERNAL HEX	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/AL 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 EUSERC SPECIFICATIONS

ENCLOSED PANELBOARD LOAD CENTER

CAT NO. **TM2432RMS** 10,000 AIC

MODEL 3

320 AMPS 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	A2A200CTL – 2SB	
	175	A2A175CTL – 2SB	
	150	A2A150CTL – 2SB	
	125	A2A125CTL – 2SB	
SPACE FOR MAIN	125	THQL21125	
	100	THQL21100	
	BLANK	– – – –	
BRANCH SPACES	USE G.E. TYPE THQL, THHQL, THQP, TQDL, THQDL, THQLGF,THHQLGF		

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 TFH 1 INCH FILLER PLATE TQLFP1

DANGER

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

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ACCESSORIES

GROUND KITS TGL2, TGL4, TGL8

SEMI – FLUSHING KIT SF400B

A2 BREAKER TERMINAL KIT KA2225 – 2

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.

REV. C

MNP800035