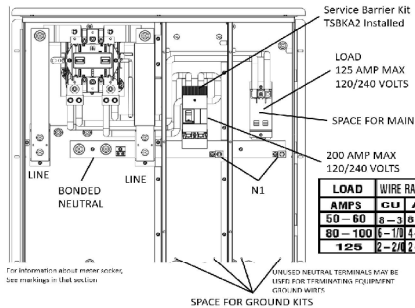


TYPICAL WIRING DIAGRAM

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 CB AND THE WIRING BLOCK. PLACE BREAKER ON THE INSULATOR PROVIDED AND ATTACH TO STAND WITH SCREWS PROVIDED.

MIN. WIRE SIZE		
AMPS	CU	AL
100	1	1
125	1	1 1/2
150	1 1/2	2
175	2	2 1/2
200	2 1/2	3



The information about panel sections, see markings in that section.

PLANT SAL

ENCLOSED PANEL BOARD ISSUE No C-3024



CLASS CTL

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. TSDR032UFCU 10,000 AIC

320 AMPS 120/240 VOLTS AC

MODEL 3

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 10,000 RMS SYMMETRICAL AMPERES AT 240V SINGLE-PHASE.

WATT-HOUR METER NOT INCLUDED IN SHORT-CIRCUIT RATING

USE CIRCUIT BREAKERS AS BELOW

SHORT CIRCUIT RATING AT 240V AC MAX.	AMP	22,000 AIC	10,000 AIC
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MAIN

200	A2N200CTL-4SB	A2A200CTL-4SB
175	A2N175CTL-4SB	A2A175CTL-4SB
150	A2N150CTL-4SB	A2A150CTL-4SB
125	A2N125CTL-4SB	A2A125CTL-4SB

SPACE FOR MAIN

125	THHQL21125	THQL21125
100	THHQL21100	THQL21100
BLANK	---	---

BRANCH SPACES

USE G.E. TYPE THQL, THHQL, THOP, TQOL, THOOL, THOLGF, THOLGF

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 TOLFP1



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 SF400	
A2 BREAKER TERMINAL KIT NA2225-2	

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.

Country of Origin: Mexico REV. C

MNP800039