

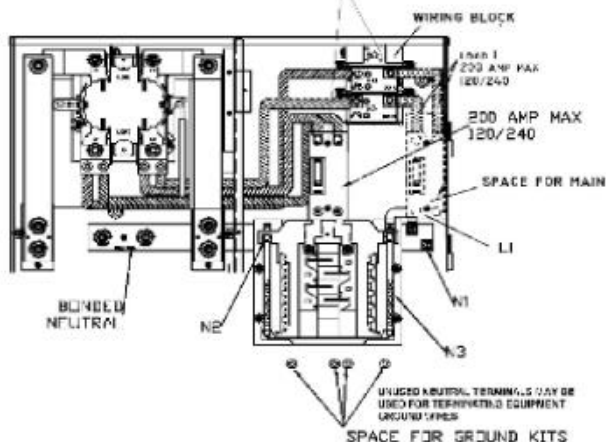


TYPICAL WIRING DIAGRAM

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 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	2/0
150	1/0	3/0
175	2/0	4/0
200	3/0	250

SERVICE BARRIER KIT
KA2LTC-2 INSTALLED



ENCLOSED PANELBOARD LOAD CENTER
CAT NO. **TSDR840UFCU** 22,000 AIC
MODEL 2
400 AMPS (320 AMPS CONTINUOUS 120/240 VOLTS AC)
TYPE 3R ENCLOSURE 1 PHASE 3 WIRE

PANEL RATING IS TO BE 10,000 AIC IF SPACE FOR MAIN IS USED FOR TQD BREAKER IN FIELD

SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT

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



MEG APPROVED

LISTED

CLASS ENCLOSED PANEL BOARD
ISSUE C-3024

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WIRE RANGE

CONNECTOR	COPPER		ALUMINUM	
	SOLID	STRANDED	SOLD	STRANDED
NEUTRAL - N1	--	1-300	--	1-300
NEUTRAL - N2	6-2/0	6-2/0	14-1/0	14-1/0
NEUTRAL - N3	14-4	14-4	12-4	12-4
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	WIRE SIZE	TORQUE
SLOTTED	14-10	35
	R	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

IF SEMI-FLUSH MOUNTING BRACKETS ARE NOT REQUIRED, REMOVE AND REPLACE SCREWS IN EMPTY HOLES

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 USER ESPECIFICATIONS

USE CIRCUIT BREAKERS AS BELOW

	SHORT CIRCUIT RATING AT 240V AC MAX.	AMP	22,000 AIC		10,000	
MAIN	200		A2N200CTL-2	A2A200CTL-2		
	175		A2N175CTL-2	A2A175CTL-2		
	150		A2N150CTL-2	A2A150CTL-2		
	125		A2N125CTL-2	A2A125CTL-2		
SECONDARY MAIN	200		A2N200CTL-4	A2A200CTL-4		
	175		A2N175CTL-4	A2A175CTL-4		
	150		A2N150CTL-4	A2A150CTL-4		
	125		A2N125CTL-4	A2A125CTL-4		
BRANCH			USE G.E. TYPE THQL, THQL, THQP, TQDL, 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 TFH 1 INCH FILLER PLATE TQLFP1

TGL2
GROUND KITS TGL4
TGL8

ACCESSORIES

SEMI-FLUSHING KIT SF400

A2 BREAKER TERMINAL KIT KA2225-2



DANGER

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

MNP800044

Country of Origin: Mexico