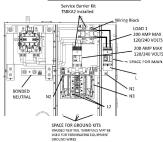


TYPICAL WIRING DIAGRAM

WHEN SPACE FOR MAIN IS UTILIZED, SELECT A CIRCUIT BREAKER FROM THE TABLE (SPACE FOR MAIN) INSTALL THE MINIMUM WIRE SIZE AS SNOWN 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		2/0
150	1/0	3/0
175	2/0	4/0
200	3/0	250



ENCLOSED PANELBOARD LOAD CENTER TSDR840UFCU 22,000 AIC MODEL 3 CAT NO.

400 AMPS (320 AMPS CONTINUOUS 120/240 VOLTS AC) TYPE 3R ENCLOSURE 1 PHASE

PANEL RATING IS TO BE 10,000 AIC IF SPACE FOR MAIN IS USED FOR TOD 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

CLASS ENCLOSED PANEL BOARD ISSUE C-3024

PLANT SAL

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	ONDURE WINE	,						
WIRE RANGE				USE CIRCUIT BREAKERS AS BELOW				
CONNECTOR	COPPER		ALUMINUM		SHORT CIRCUIT RATING At 240V AC MAX.	AMP	22,000 AIC	10,000
NEUTRAL – N1 NEUTRAL – N2 NEUTRAL – N3 LOAD 1 GROUND	SOLID 6-2/0 14-4 6-2/0	STRANDED 1 - 300 6 - 2/0 14 - 4 1 - 300 6 - 2/0	SOLID 14-1/0 12-4 6-2/0	STRANDED 1 - 300 14 - 1/0 12 - 4 1 - 300 6 - 2/0	MAIN	200 175 150 125	A2N200CTL - 2SB A2N175CTL - 2SB A2N150CTL - 2SB A2N125CTL - 2SB	A2A200CTL — 2SB A2A175CTL — 2SB A2A150CTL — 2SB A2A125CTL — 2SB
LUG TIGHTENING TORQUE (LB-IN)			SECONDARY Main	200 175	A2N200CTL – 4SB A2N175CTL – 4SB	A2A200CTL - 4SB A2A175CTL - 4SB		
SCREW	V	VIRE SIZE	Т	ORQUE	WAIN	150 125	A2N150CTL – 4SB A2N125CTL – 4SB	A2A150CTL – 4SB A2A125CTL – 4SB
SLOTTED	14-10 35 R 40 6-4 45		BRANCH	USE G.E. TYPE THQL, THHQL, THQP, TQDL, THQDL, THQLGF, THHQLGF				
3-2/0 INTERNAL HEX 3/16 ACROSS FLATS 1/4 ACROSS FLATS 5/16 ACROSS FLATS 5/16 ACROSS FLATS			50 120 200 275	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.				
IF SEMI-FLUSH MOUNTING BRACKETS ARE NOT REQUIRED, REMOVE AND REPLACE SCREWS IN				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				

ALUMINUM TERMINATIONS: TO HELP GUARD AGAINST

EMPTY HOLES.

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

THIS DEVICE MEETS USER ESPECIFICATIONS

GROUND KITS TGL4 TGL8

ACCESORIES

PLATE TQLFP1.

A2 BREAKER TERMINAL KIT KA2225-2

A2 GENERATOR INTERLOCK KIT: TSDRA2GEN



DANGER

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

MNP800044 REV. D Country of Origin: Mexico