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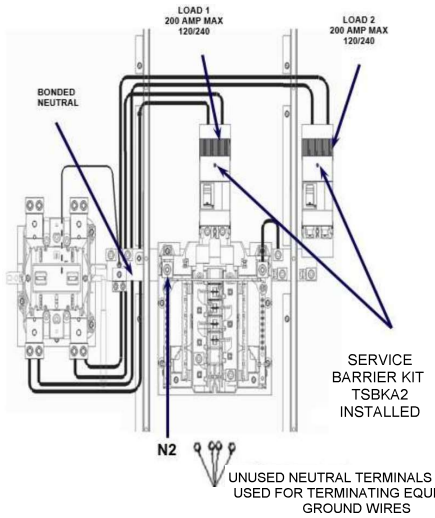

ENCLOSED PANEL BOARD

LOAD CENTER
22,000 AIC.
MODEL 3

Cat. No. **TSDR840CFCUGP**

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

400A WHEN TWO 200A BREAKERS INSTALLED

300A WHEN TWO 150A BREAKERS INSTALLED

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 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
Enclosed Panelboard
C-3024

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	14-4	14-4	12-4	12-4
LOAD 1	-----	1-300	-----	1-300
LOAD 2	-----	1-300	-----	1-300
GROUND	14-2/0	14-2/0	14-2/0	14-2/0

LUG TIGHTENING TORQUE (LB-IN)

SCREW	WIRE SIZE	TORQUE
SLOTTED	14-1/0 8 6-4 250 MCM	35 40 45 280
INTERNAL	3/16 ACROSS FLATS 1/4 ACROSS FLATS 5/16 ACROSS FLATS	40 45 50

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 LINES,LOAD AND NEUTRAL TERMINATIONS. USE 60 DEG.C (140 DEG.F) CONDUCTORS ON BRANCH CIRCUITS RATED 110A OR LESS.

USE ONLY WITH GENERAL ELECTRIC CIRCUIT BREAKERS

22,000 AIC	AMP	MAIN 1 (LEFT)	MAIN 2 (RIGHT)
MAIN AND SECONDARY BREAKER	200	A2N200CTL-2SB	A2N200CTL-4SB
	175	A2N175CTL-2SB	A2N175CTL-4SB
	150	A2N150CTL-2SB	A2N150CTL-4SB
	125	A2N125CTL-2SB	A2N125CTL-4SB

BRANCH	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

ACCESSORIES

TGL2
TGL4
TGL8
GROUND KITS
A2 GENERATOR INTERLOCK KIT: TSDRA2GEN
A2 BREAKER TERMINAL KIT: KA2225-2

DANGER

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

WWW.ABB.COM

PLANT: SAL REV.D
Country of Origin: Mexico

MNP800043