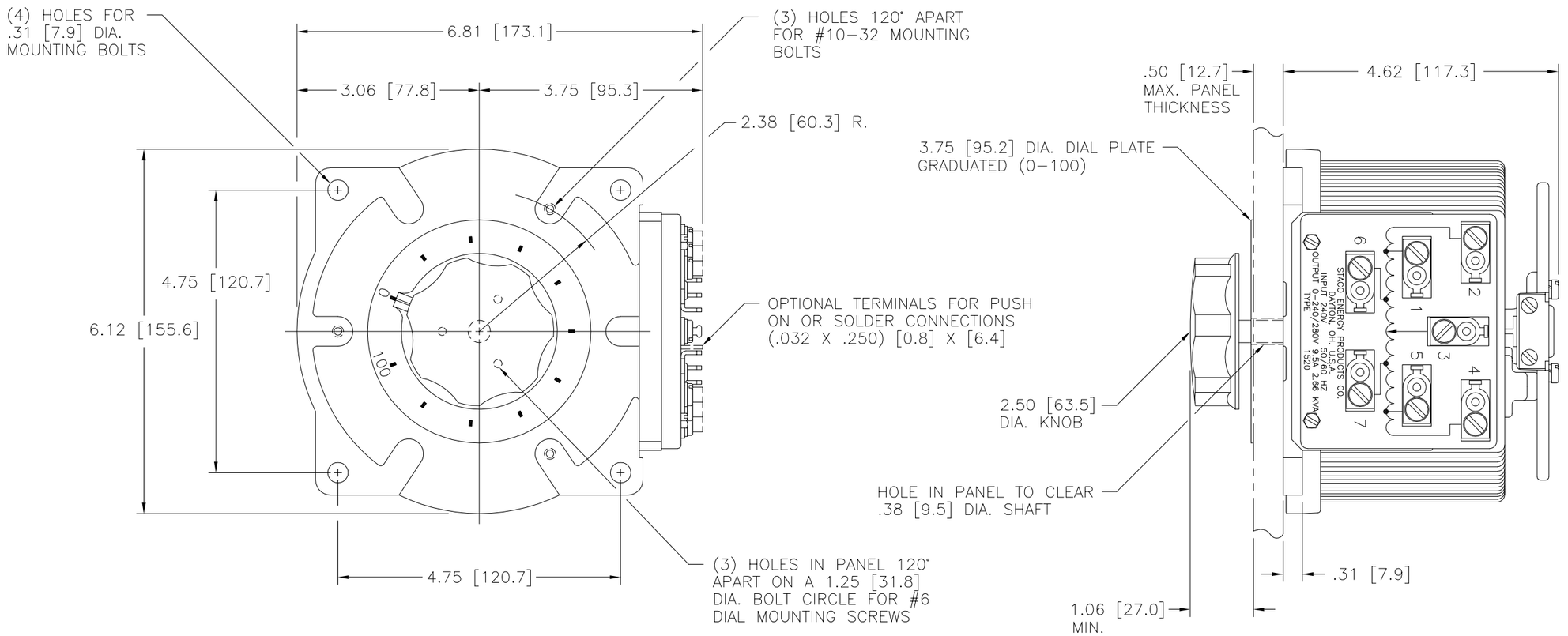
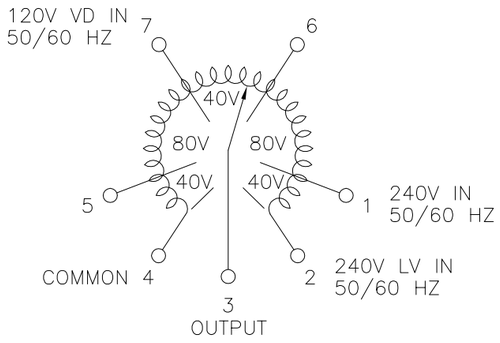
DWG. SIZE	DWG. NO.
D	031–3901

REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	21675	12/03/91	REVISED & REDRAWN
B	23899	12/17/98	UPDATED TERM. BOARD
C	25108	4/22/03	ADDED 2.38 R DIM
D	25433	8/23/04	CHGD. 120V TO 240V





SCHEMATIC

VIEW FROM BASE END

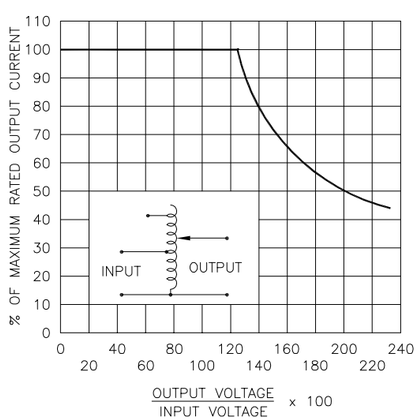


FIGURE A

MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

§ MAXIMUM KVA AT MAXIMUM OUTPUT VOLTAGE AND CORRESPONDING DERATED OUTPUT CURRENT. MAXIMUM KVA FOR LOWER VOLTAGES MAY BE CALCULATED FROM DERATING CURVE FIGURE A.

MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25% ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, THE OUTPUT CURRENT MUST BE REDUCED ACCORDING TO THE DERATING CURRENT MUST BE REDUCED ACCORDING TO THE DERATING CURVE FIGURE A.

WIRING	INPUT		OUTPUT					SHAFT ROTATION FOR VOLTAGE INCREASE	TERMINAL CONNECTIONS (FOR INCREASING VOLTAGE) AS VIEWED FROM BASE END		
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD			INPUT	JUMPERS	OUTPUT
				MAX AMPS	MAX KVA	MAX AMPS	MAX KVA				
SINGLE PHASE	240	50/60	0–240	9.5	2.28	12	2.88	CW	2–4	–	4–3
								CCW	2–4	–	2–3
			0–280	9.5	2.66	–	–	CW	1–4	–	4–3
								CCW	5–2	–	2–3
	120	50/60	0–280	9.5#	1.14 §	–	–	CW	7–4	–	4–3
								CCW	6–2	–	2–3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS .XX .06 .XXX .005 HOLES .005 ANGLES 1° DRAFT 1–1/2°

UNITS IN [mm]

ALL DIMENSIONS APPLY AFTER PLATING

MATERIAL :

TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER MODEL 1520

STACO ENERGY PRODUCTS CO.
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DRAWN BY	DATE	FIRST USED ON	DO NOT SCALE DWG.
K. TOLLIVER	11/26/91	1520	
CHECKER	DATE	WEIGHT APPROX. 19.25 LBS.	CAGE CODE 83008
ENGINEER	DATE	SCALE 1=1	SHEET 1 OF 1

DWG. SIZE D — DWG. NO. 031–3901