

DWG. NO.	031-4001		
REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	23002	11/28/95	
REDRAWN ON CAD			
B	23311	1/21/97	
REVISED & UPDATED			
C	23899	12/17/98	
ADDED DIM. TA			

Go to www.variac.com to purchase and for technical support. Made in the USA

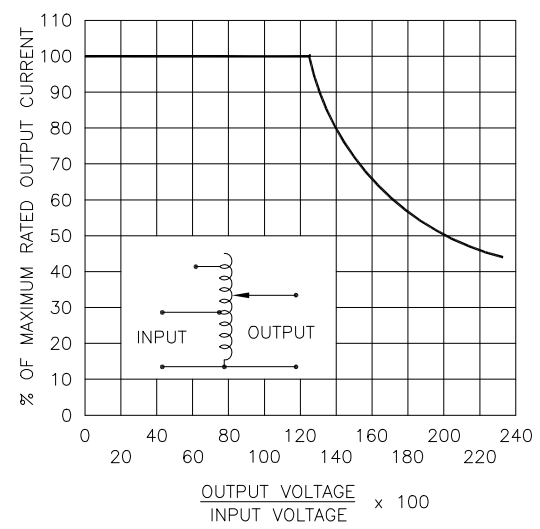
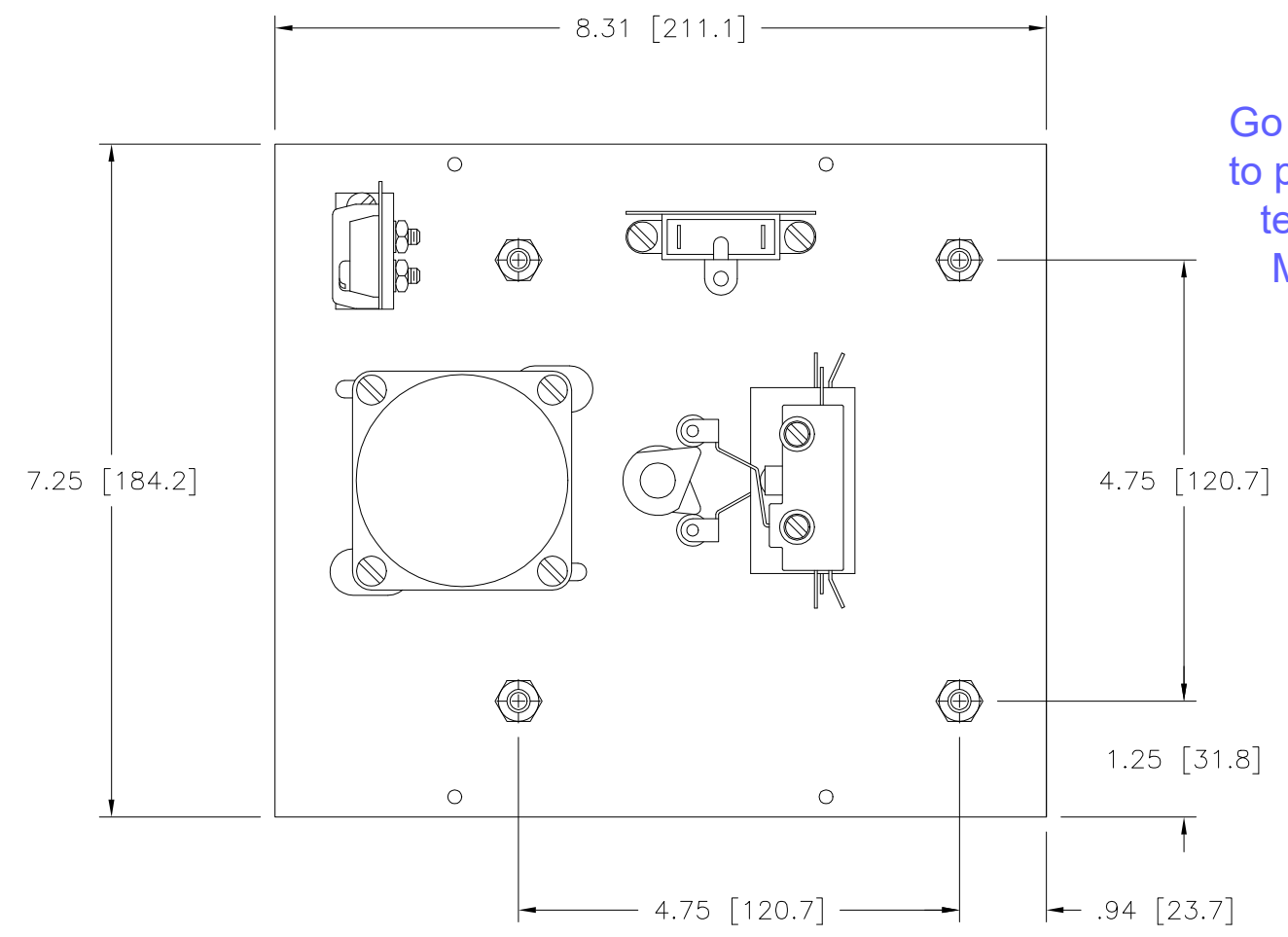
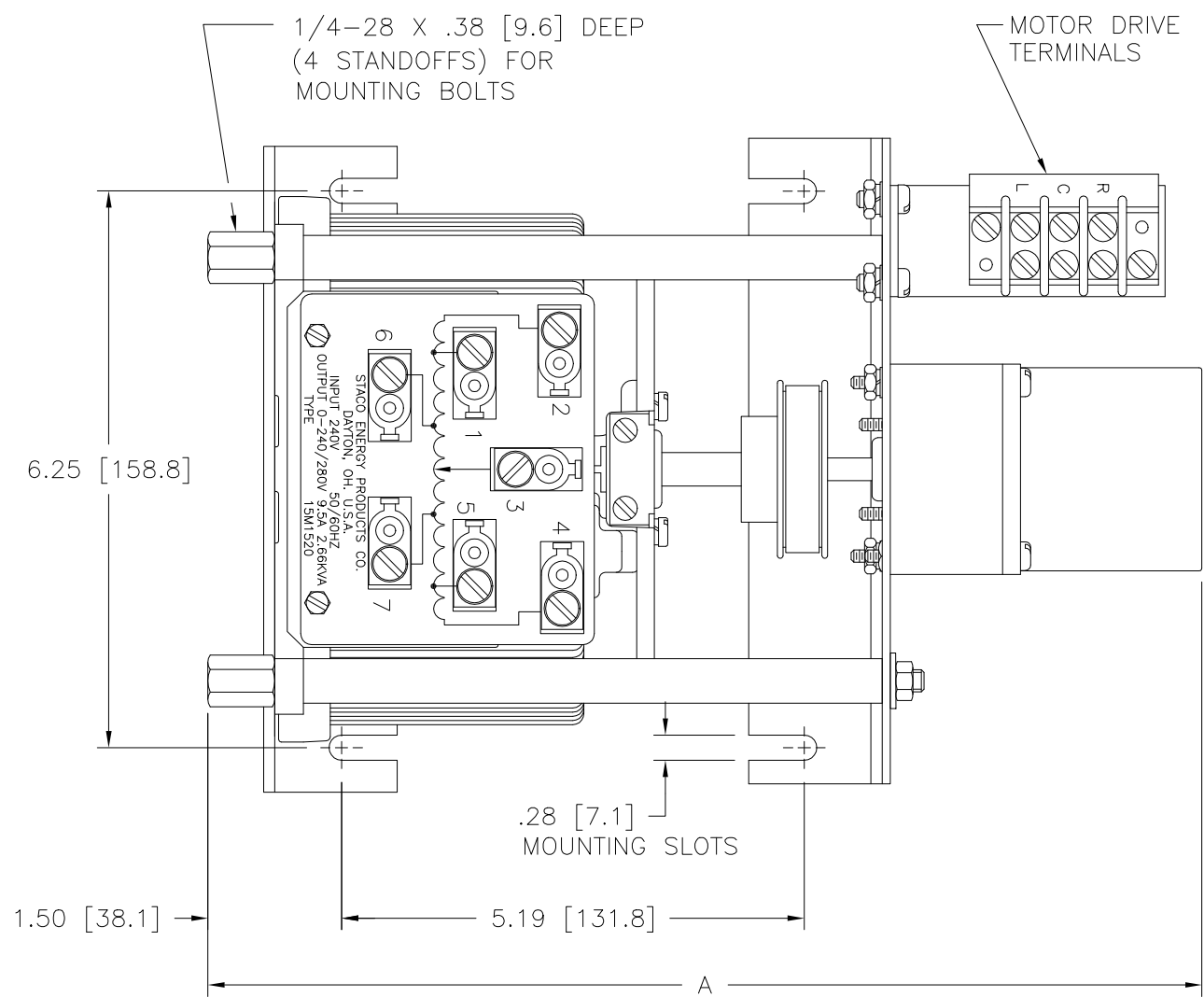
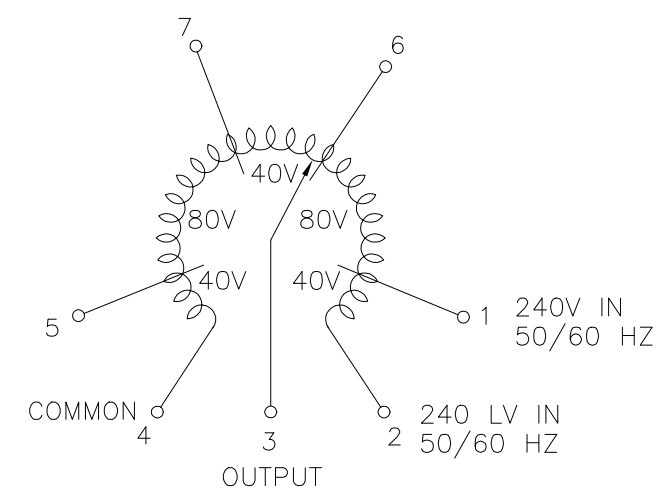
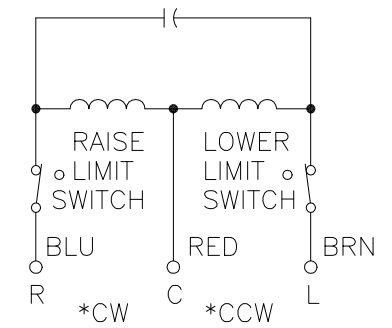


FIGURE A
MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.



SCHEMATIC
VIEW FROM BASE END



MOTOR CIRCUIT
120V, 50/60 HZ
* ROTATION AS VIEWED FROM MOTOR END
MOTOR SPEED: SEE CHART

NOTES:
§ 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 CURVE FIGURE A.
† MOTOR DRIVEN UNITS USE TERMINAL CONNECTIONS FOR C.C.W. INCREASING VOLTAGE. AS VIEWED FROM THE BASE END.

SPEED (SECONDS)	MODEL NUMBER	DIMENSION "A"
5	5M1520	11.16 [283.5]
15	15M1520	11.16 [283.5]
30	30M1520	11.55 [293.4]
60	60M1520	11.55 [293.4]

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

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS Holes .002 ANGLES DRAFT 1° 1-1/2° MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING UNITS IN (mm)

TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER TYPE: M1520

DRAWN BY: TIM RAU DATE: 1/21/97 FIRST USED ON: DO NOT SCALE DWG. CUSTOMER APPROVAL: DATE:

CHECKER: DATE: WEIGHT APPROX. 29.5 LBS CODE IDENT. NO. 83008 DWG. NO. 031-4001

ENGINEER: DATE: SCALE 1=1 SHEET 1 OF 1 DWG. NO. 031-4001

STACO ENERGY PRODUCTS CO.
A COMPONENTS CORPORATION OF AMERICA COMPANY
DAYTON, OHIO U.S.A.