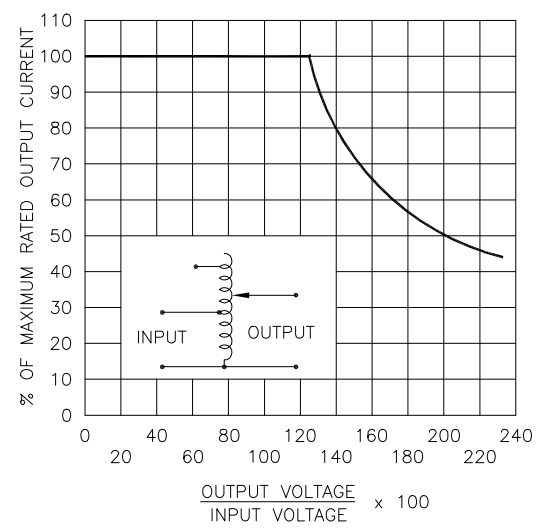
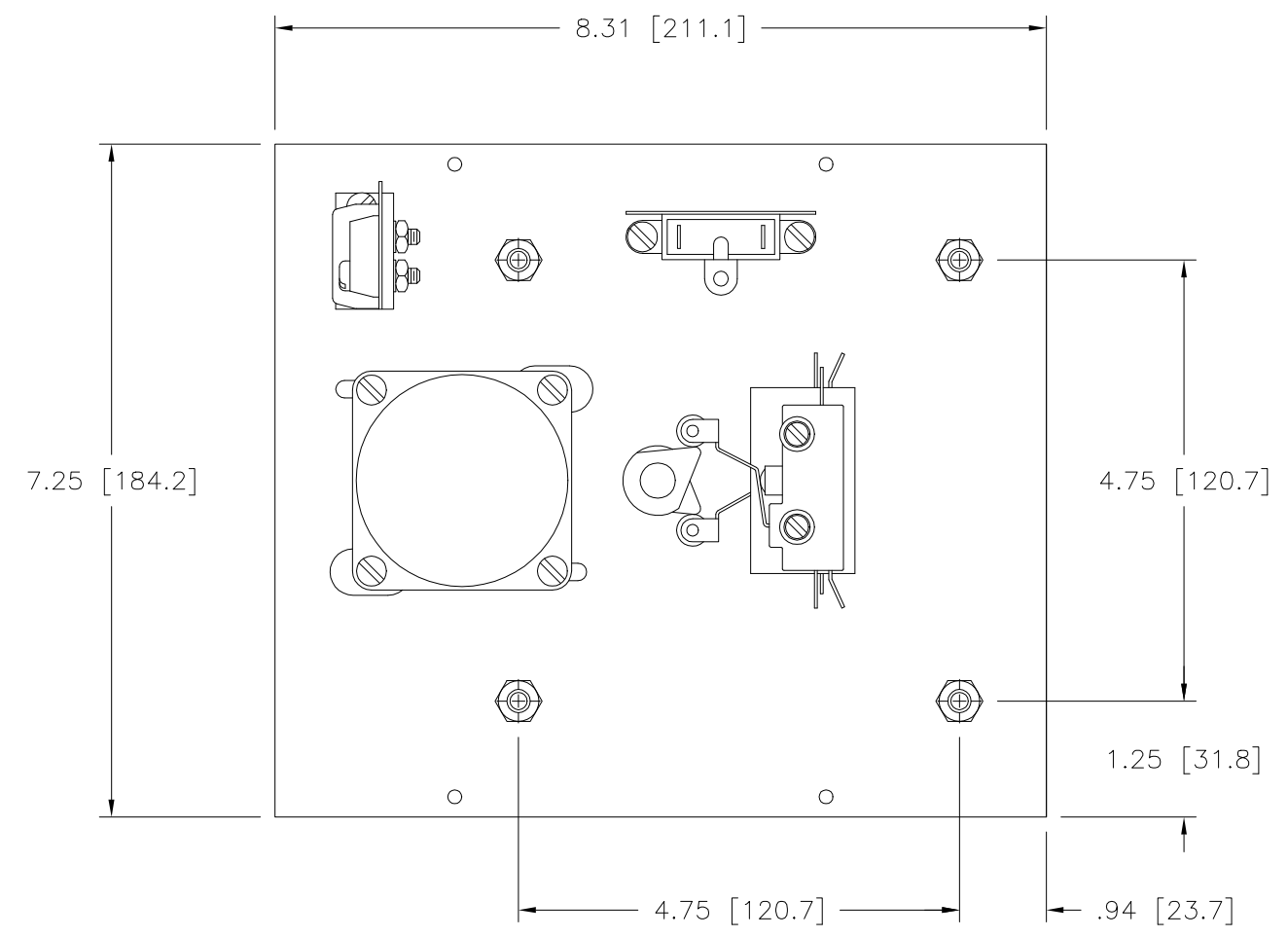
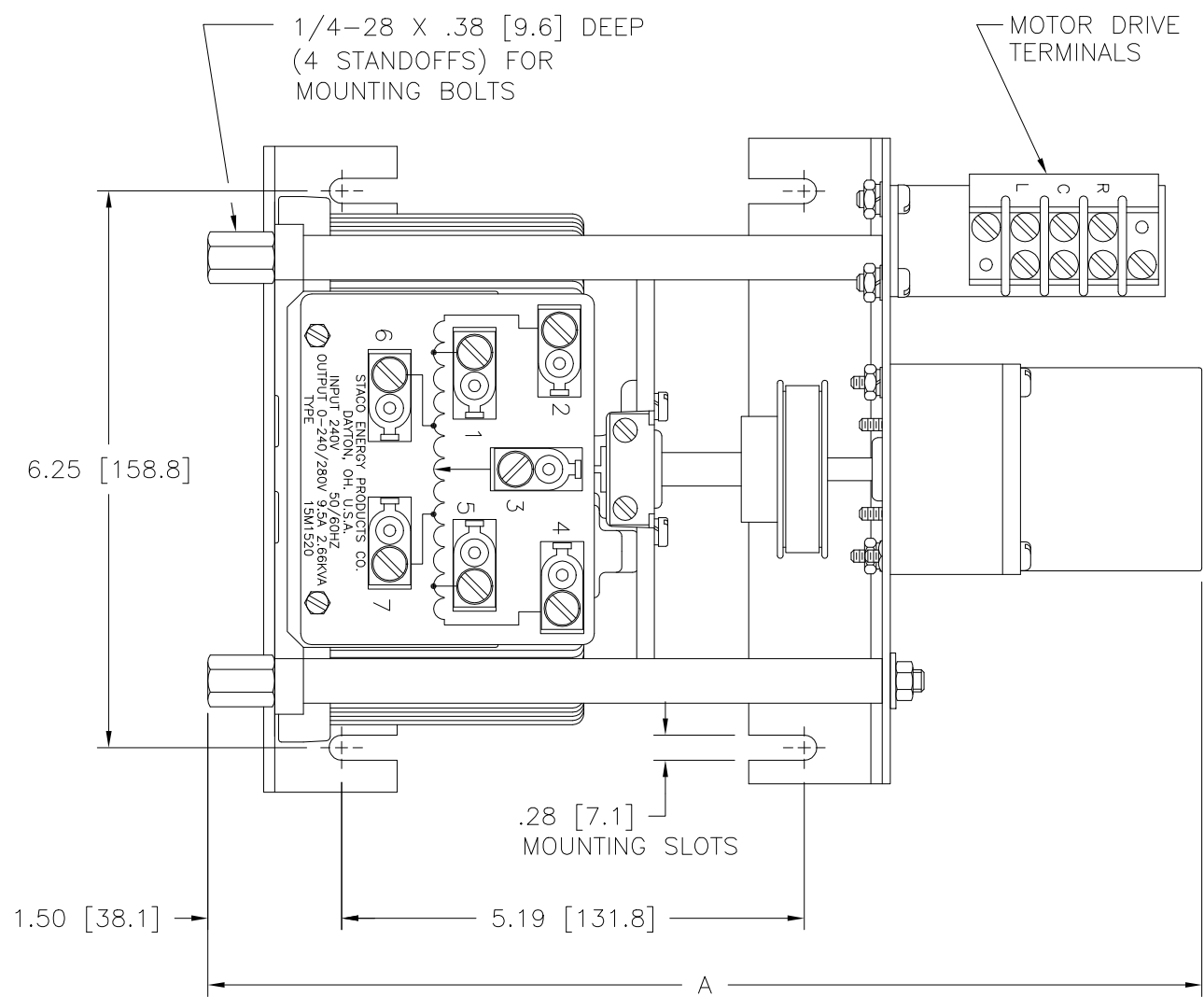
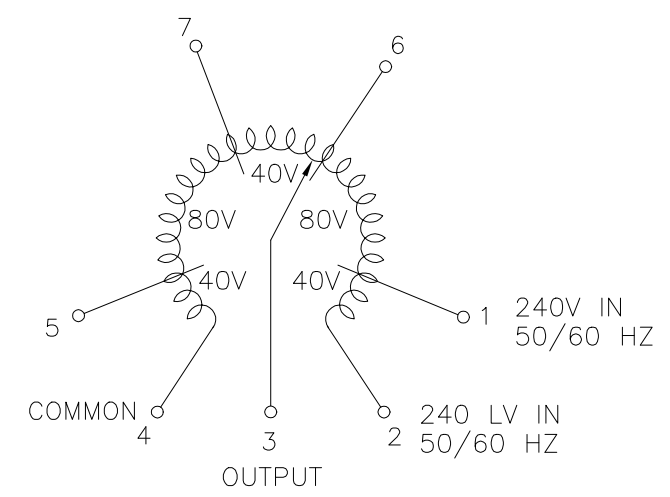


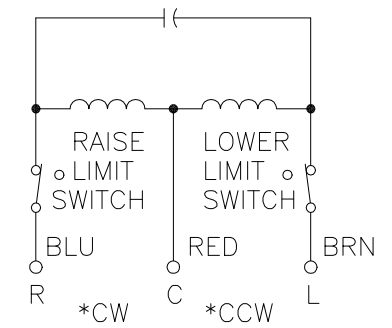
DWG. NO.	031-4001		
REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	23002	11/28/95	
REDRAWN ON CAD			
B	23311	1/21/97	
REVISED & UPDATED			
C	23899	12/17/98	
ADDED DIM. A			



**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		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 1° DRAFT 1-1/2° UNITS IN [mm]

**TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER TYPE: M1520**

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

DRAWN BY	DATE	FIRST USED ON	DO NOT SCALE DWG.	CUSTOMER APPROVAL	DATE
TIM RAU	1/21/97				
CHECKER	DATE	WEIGHT APPROX.	CODE IDENT. NO.	DWG. SIZE	DWG. NO.
		29.5 LBS	83008	D	031-4001
ENGINEER	DATE	SCALE	SHEET	1 OF 1	
		1=1			