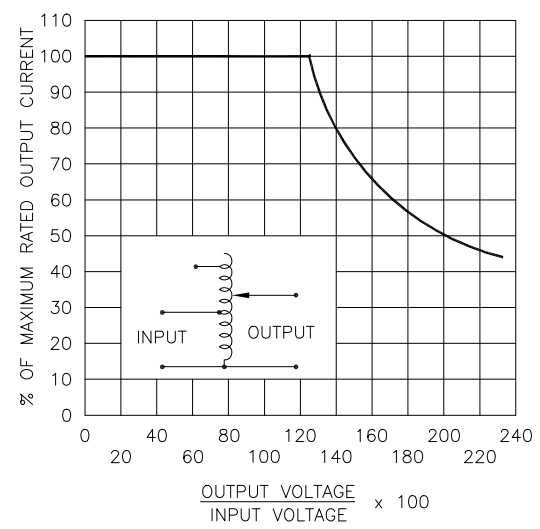
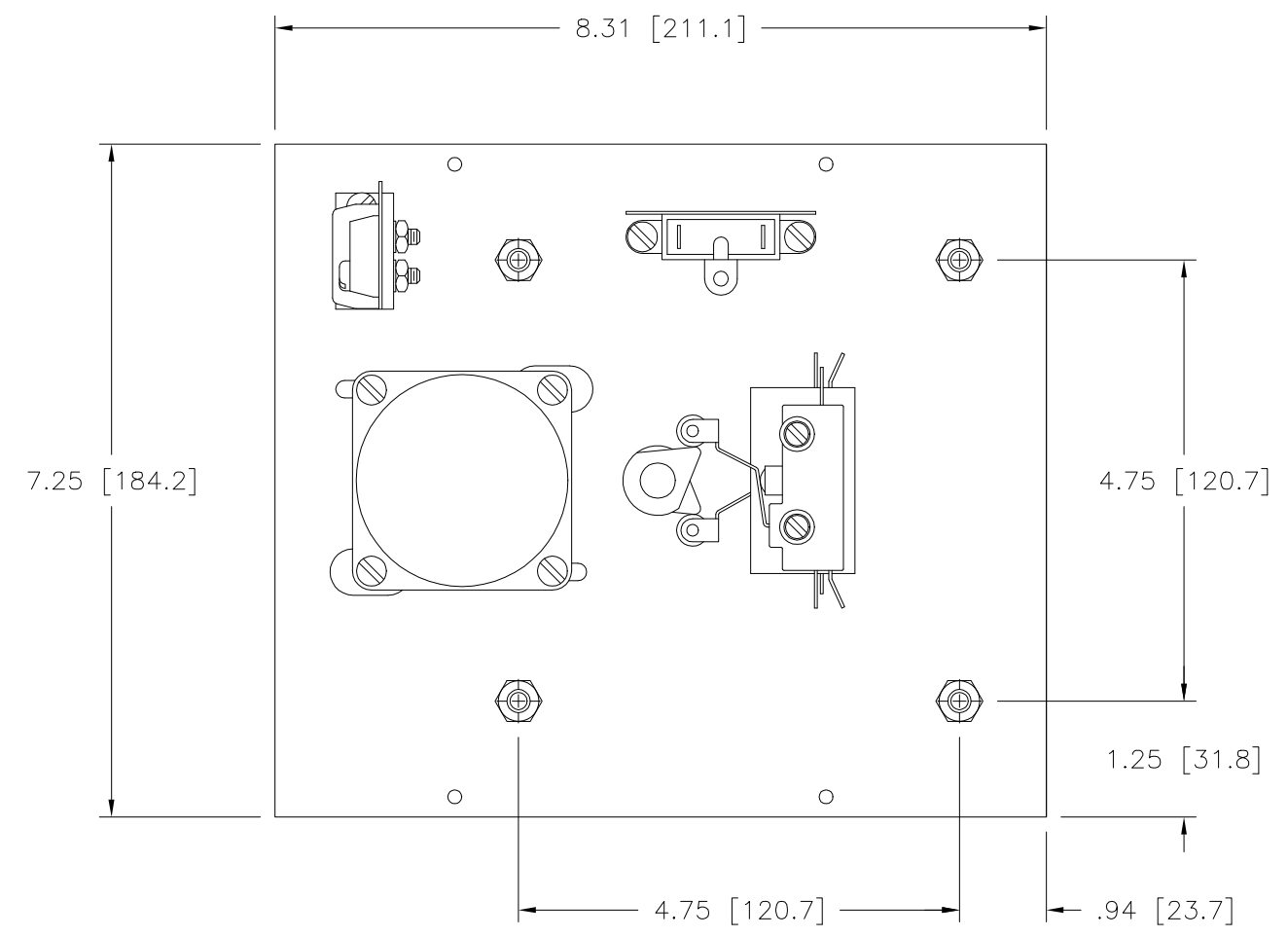
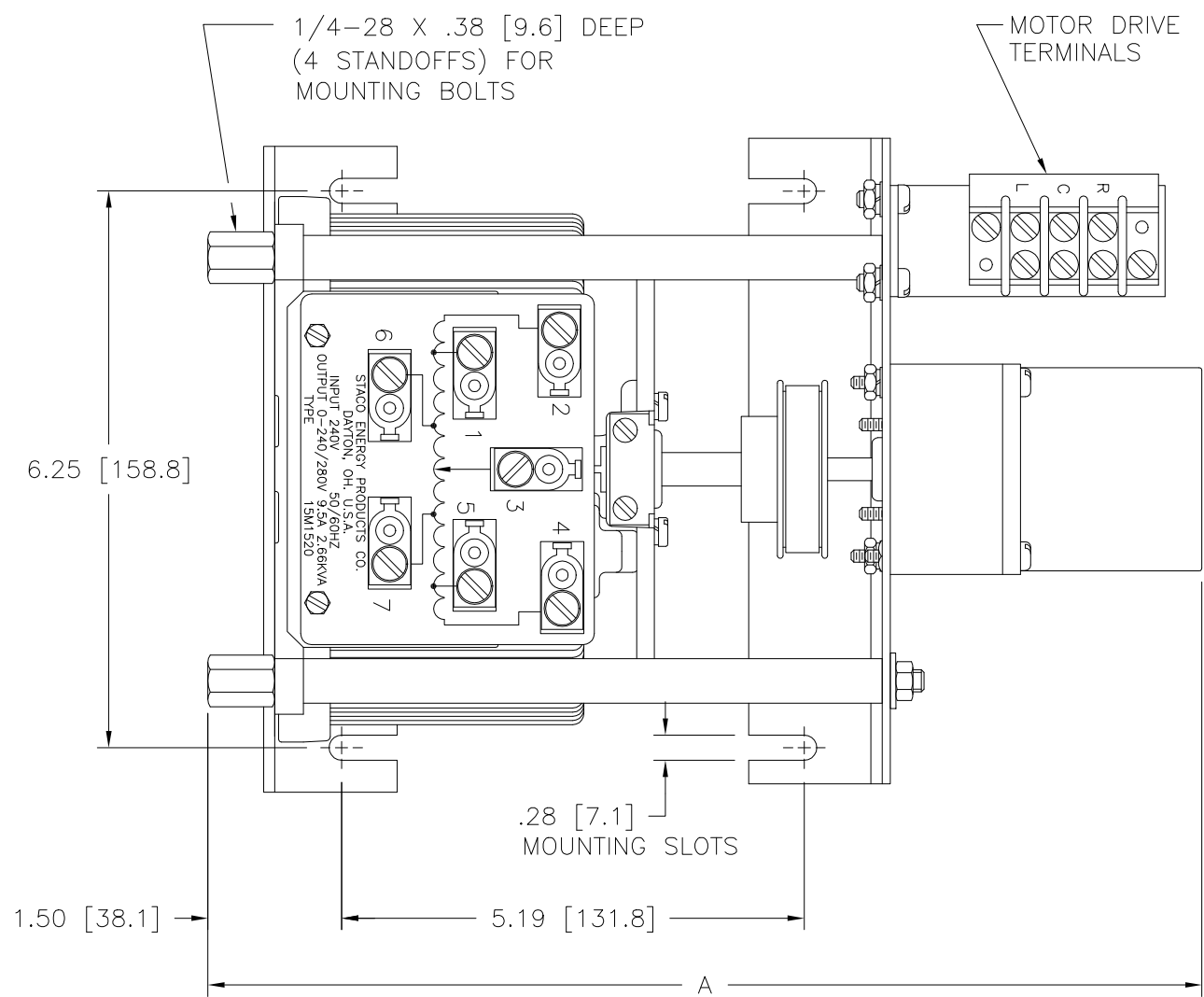
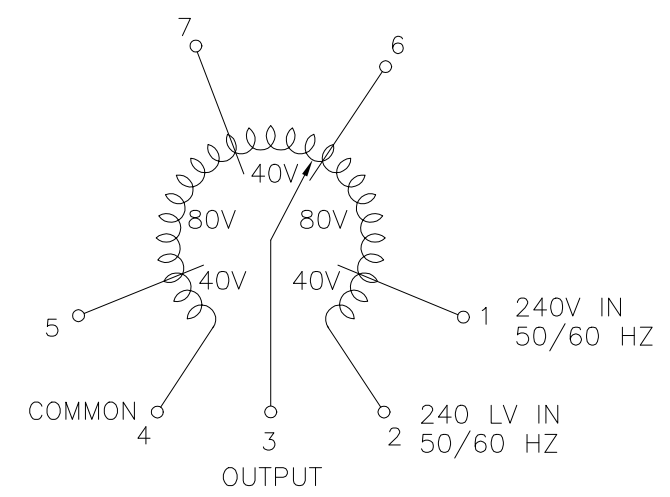


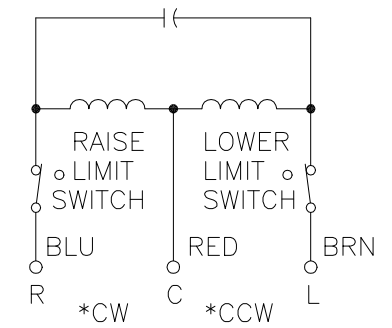
DWG. NO.	031-4001		
REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	23002	11/28/95	
REDRAWN ON CAD			
B	23311	1/21/97	
REVISED & UPDATED			
C	23899	12/17/98	
ADDED DIM. A			



**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					
				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 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			