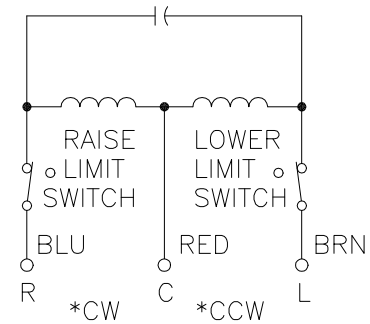
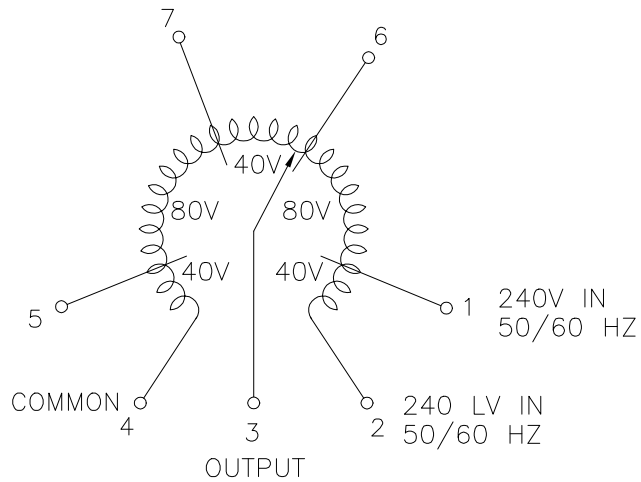
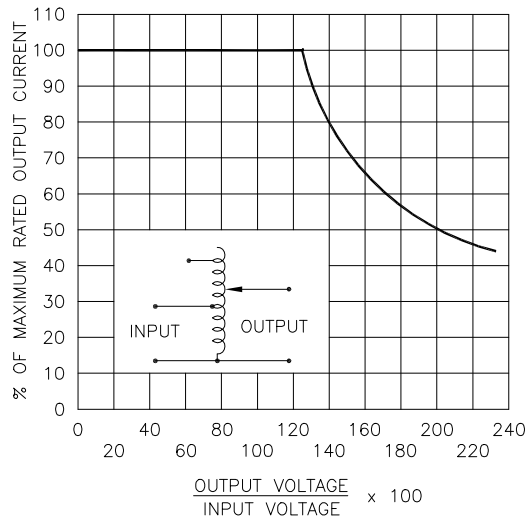
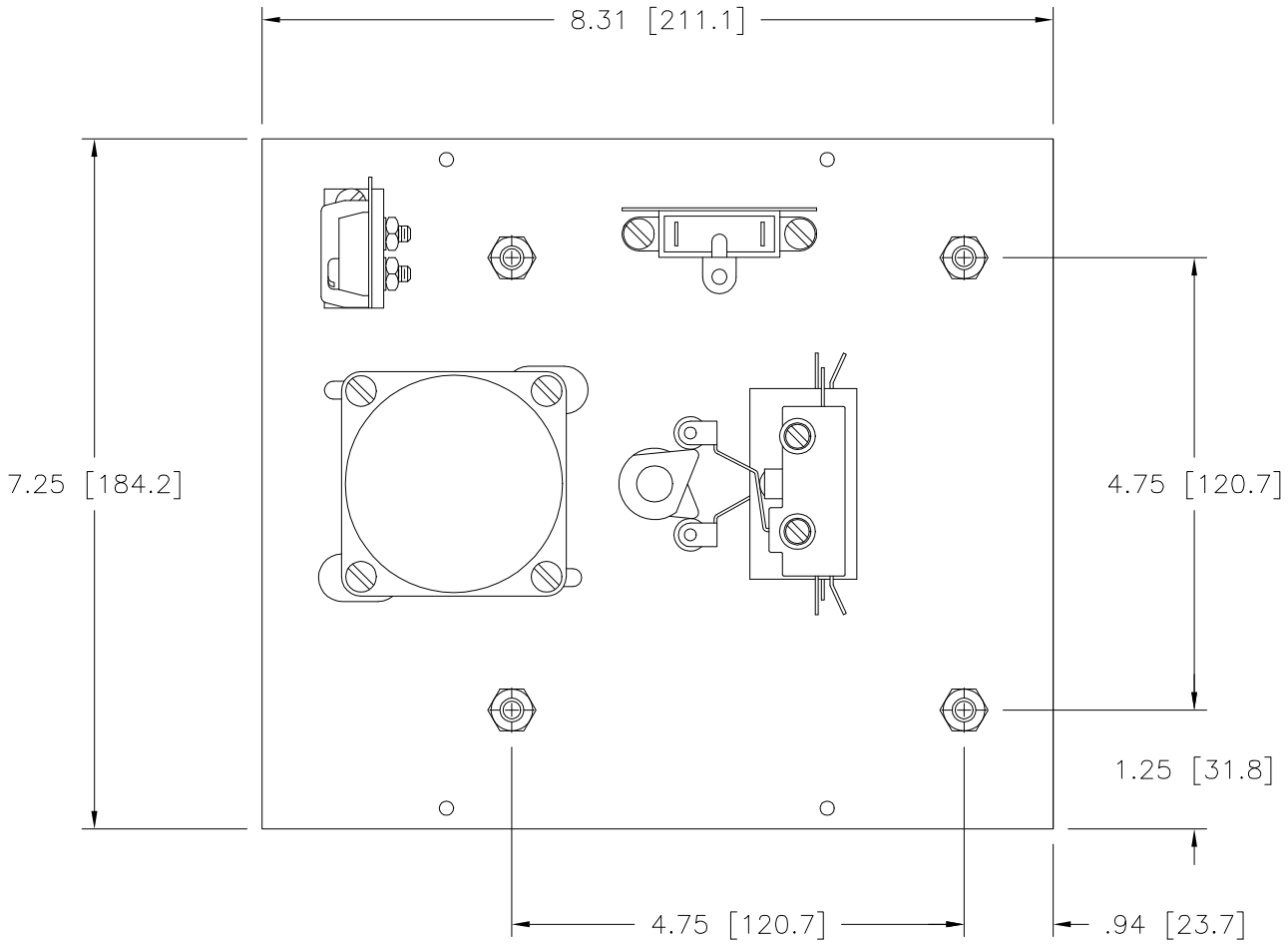
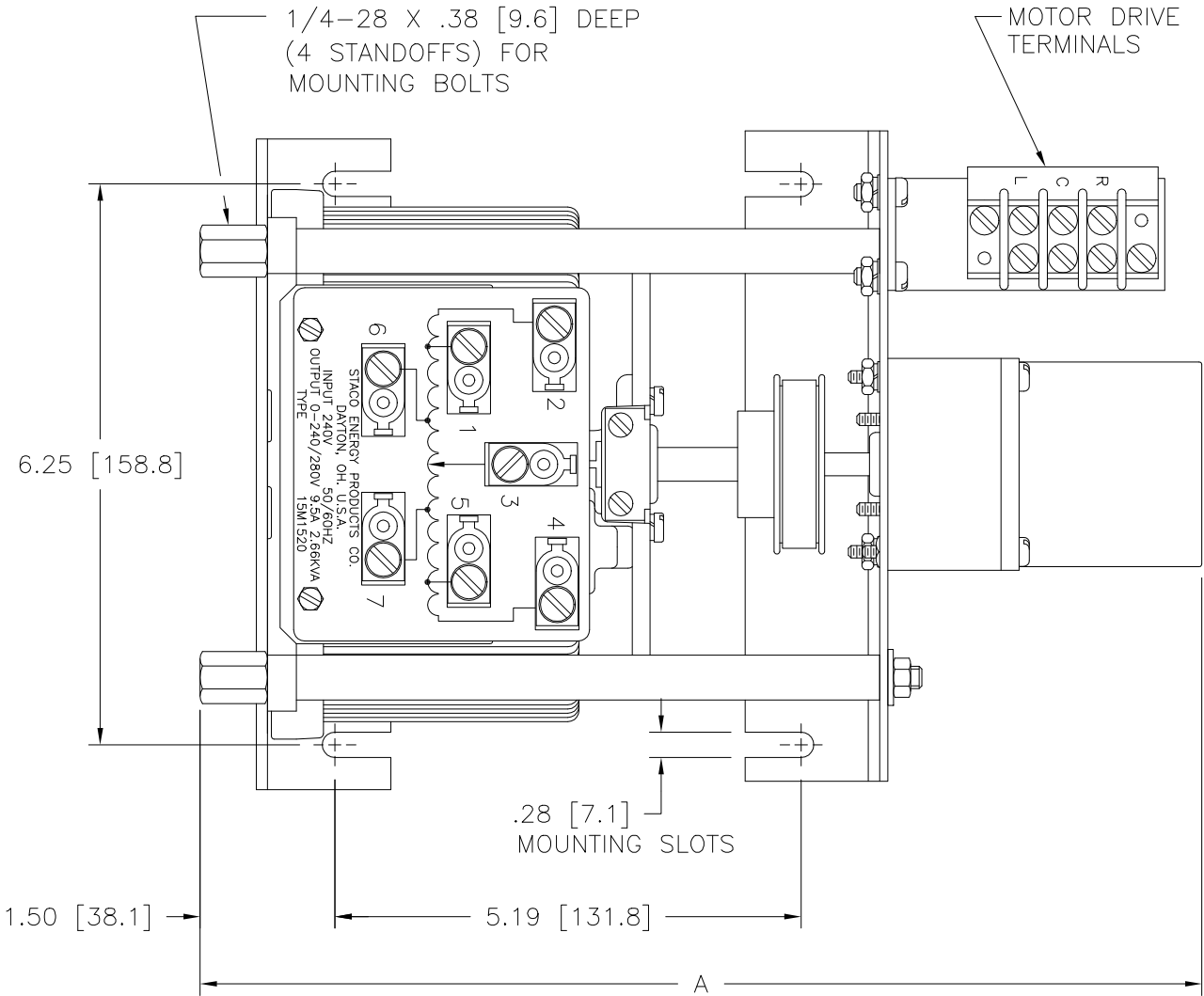


DWG. NO.	031-4001		
REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	23002	11/28/95	REDRAWN ON CAD
B	23311	1/21/97	REVISED & UPDATED
C	23899	12/17/98	ADDED DIM. A



MOTOR CIRCUIT

120V, 50/60 HZ

* ROTATION AS VIEWED
FROM MOTOR END

MOTOR SPEED: SEE CHART

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]

- 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.

WIRING	INPUT		VOLTS	OUTPUT				SHAFT ROTATION FOR VOLTAGE INCREASE	TERMINAL CONNECTIONS †								
	VOLTS	HERTZ		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						
									CCW	2-4	-	2-3					
									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 .XXX .06 .002 .005 HOLES .002 .005 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.									
MATERIAL -		ALL DIMENSIONS APPLY AFTER PLATING															
The information and design disclosed herein was originated by and is the property of STACO ENERGY PRODUCTS CO., which reserves all patent, proprietary, design, manufacturing, reproduction, use and sale rights thereto, and to any article disclosed therein except to the extent rights are expressly granted to others. The foregoing does not apply to vendor proprietary parts.				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. SIZE		DWG. NO.			
				ENGINEER		DATE		SCALE 1 = 1		SHEET 1 OF 1		D		031-4001			



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