

DWG. NO.	031-8340		
DWG. SIZE	D		
REVISIONS			
SYM.	E.C.O.	DATE	APVD.
A	27912	4/23/14	CORRECTED SCHEMATIC AND RATINGS BLOCK
B	27949	10/09/14	
REVISED AND UPDATED			

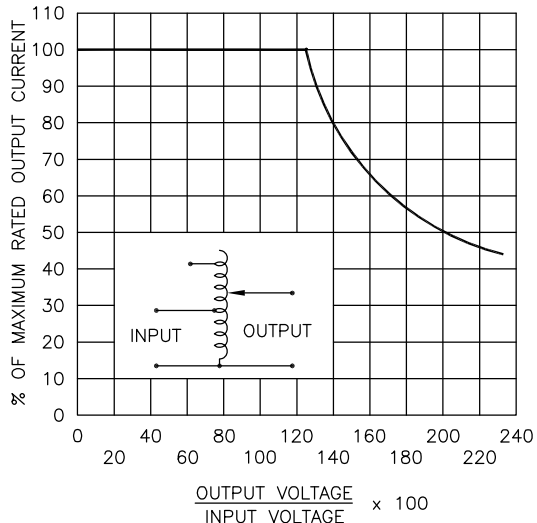
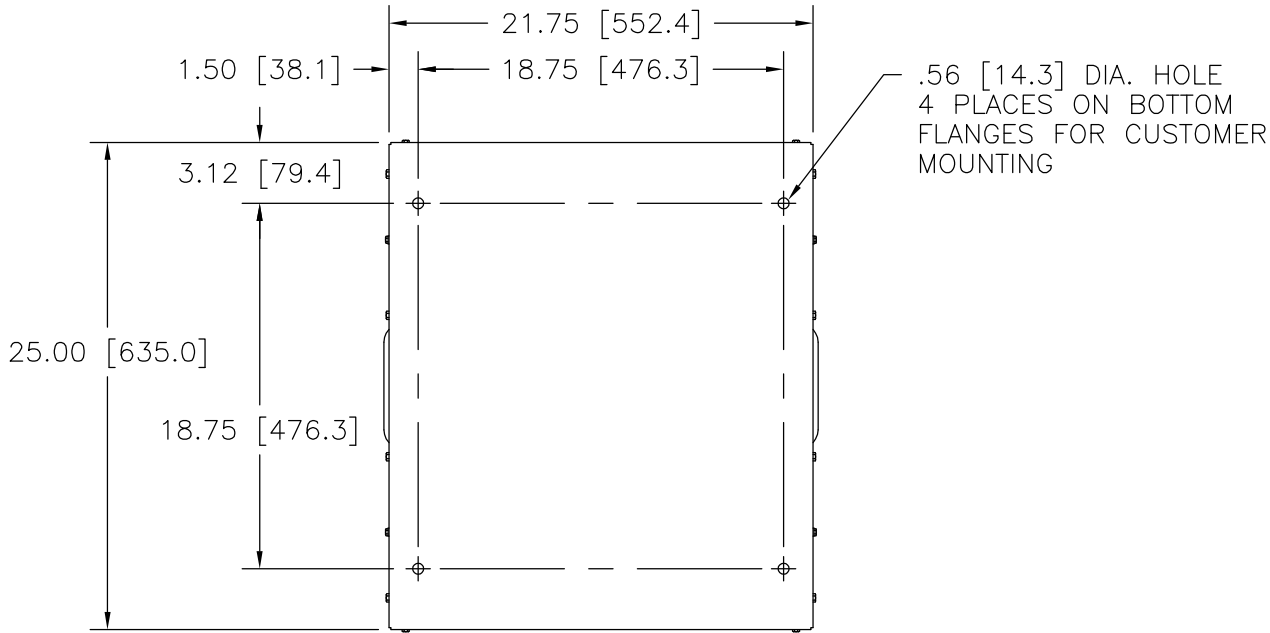
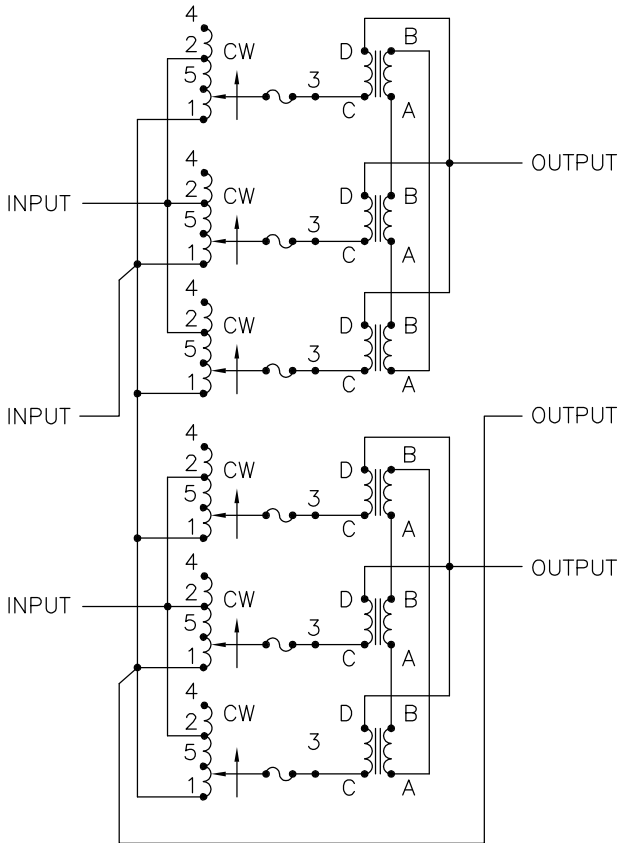


FIGURE A
MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.



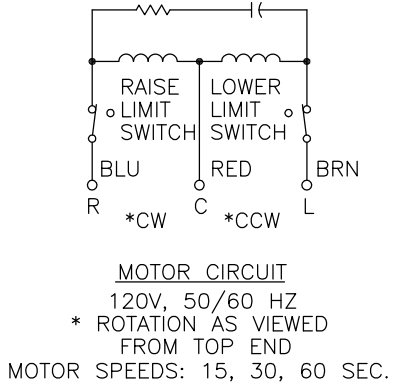
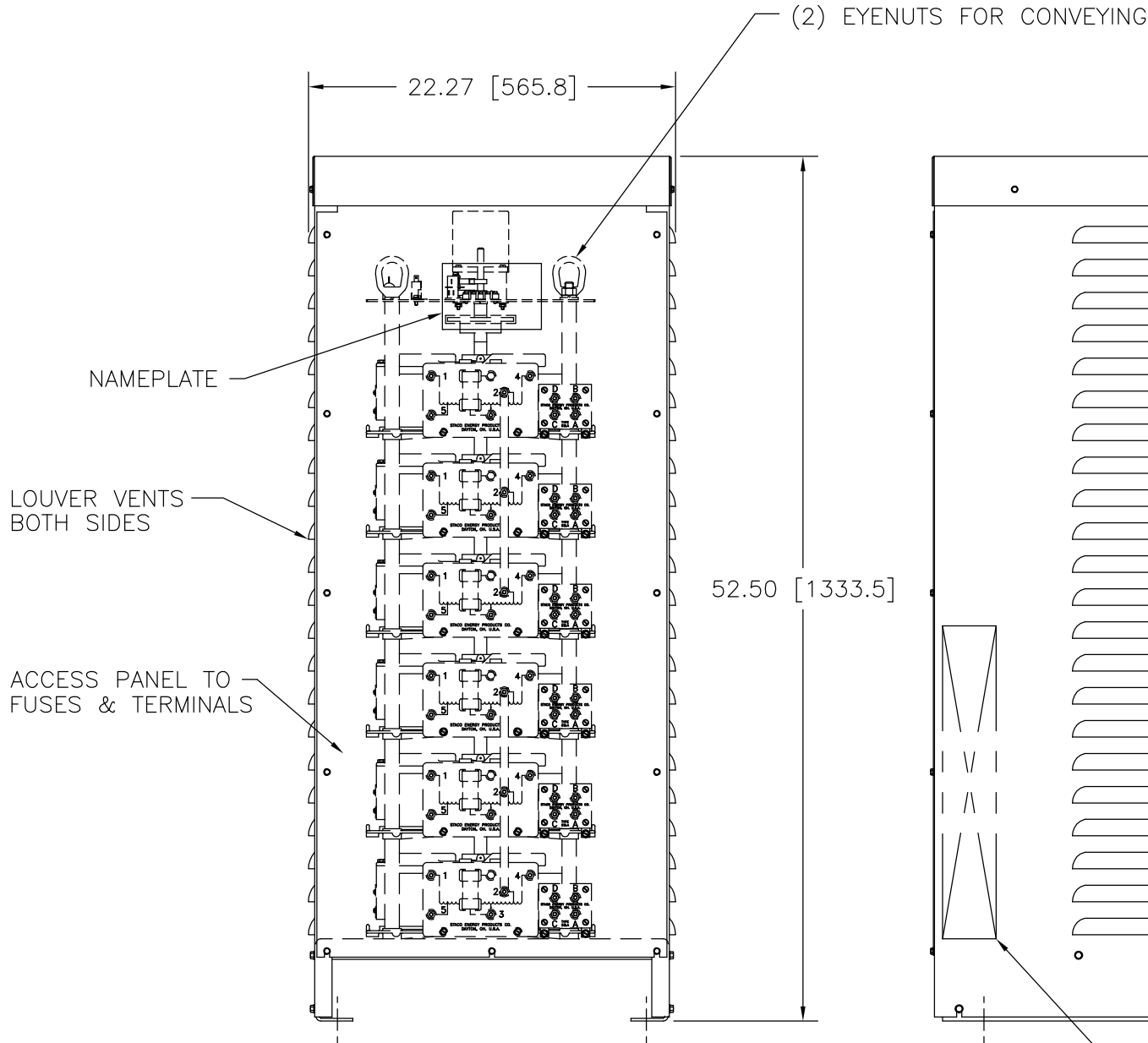
SCHEMATIC

* MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25 PERCENT ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, OUTPUT CURRENT MUST BE REDUCED ACCORDING TO RATING CURVE (SEE FIGURE A).

++ MAXIMUM KVA AT MAXIMUM OUTPUT AND CORRESPONDING DE-RATED CURRENT. MAXIMUM KVA AT LOWER OUTPUT VOLTAGES MAY BE CALCULATED FROM RATING CURVE, (SEE FIGURE A).

V.D. = VOLTAGE DOUBLER.

SPEED (SECONDS)	MODEL NUMBER
15	15M5021E-6D
30	30M5021E-6D
60	60M5021E-6D



SPECIFICATIONS															
WIRING	INPUT		OUTPUT			SHAFT ROTATION FOR VOLTAGE INCREASE	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM TOP								
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD			INPUT	OUTPUT							
				MAX. AMPS	MAX. KVA										
THREE PHASE OPEN DELTA	240	50/60	0-240	84	34.9	CW	4-1-4	D-1-D							
			0-280	84	40.7	CW	2-1-2	D-1-D							
	120	50/60	0-280	* 84-36 V.D.	17.6 ++	CW	5-1-5	D-1-D							
UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS HOLES ANGLES DRAFT XX .0001 .12 .0005 .03 1° 1-1/2° XXX .005			TITL: SPECIFICATION CONTROL DRAWING MOTORIZED VARIABLE TRANSFORMER 15/30 & 60M5021E-6D			 A Components Corporation of America Company 301 Gaddis Boulevard Dayton, Ohio 45403 USA									
MATERIAL :		ALL DIMENSIONS APPLY AFTER PLATING		DRAWN BY T.A.HUFF					DATE 01/23/95		FIRST USED ON M5021E-6D		DO NOT SCALE DWG.		
				CHECKER					DATE		WEIGHT APPROX.		CAGE CODE 83008		DWG. SIZE D
			ENGINEER			DATE		SCALE .2=1		SHEET 1 OF 1					
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