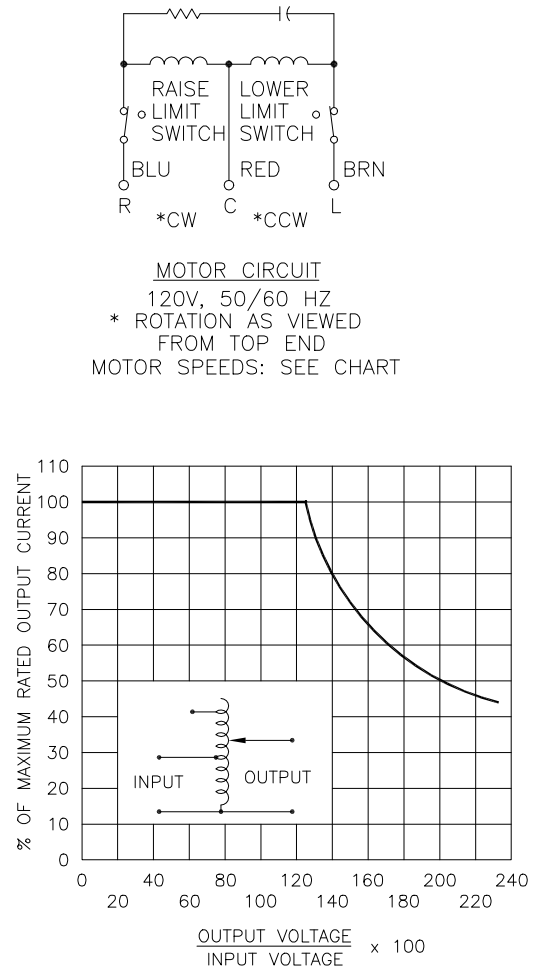
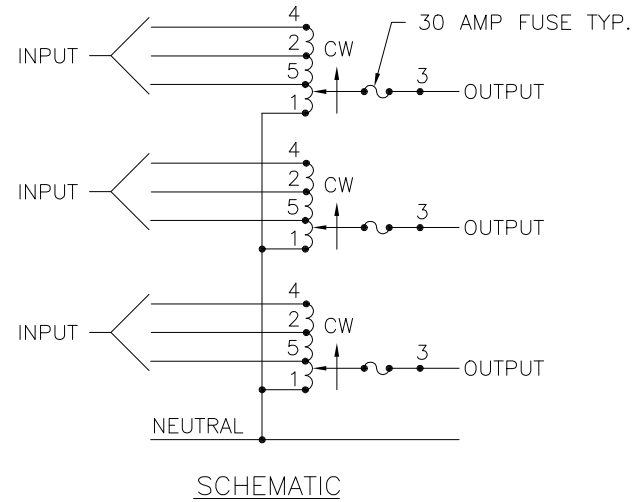
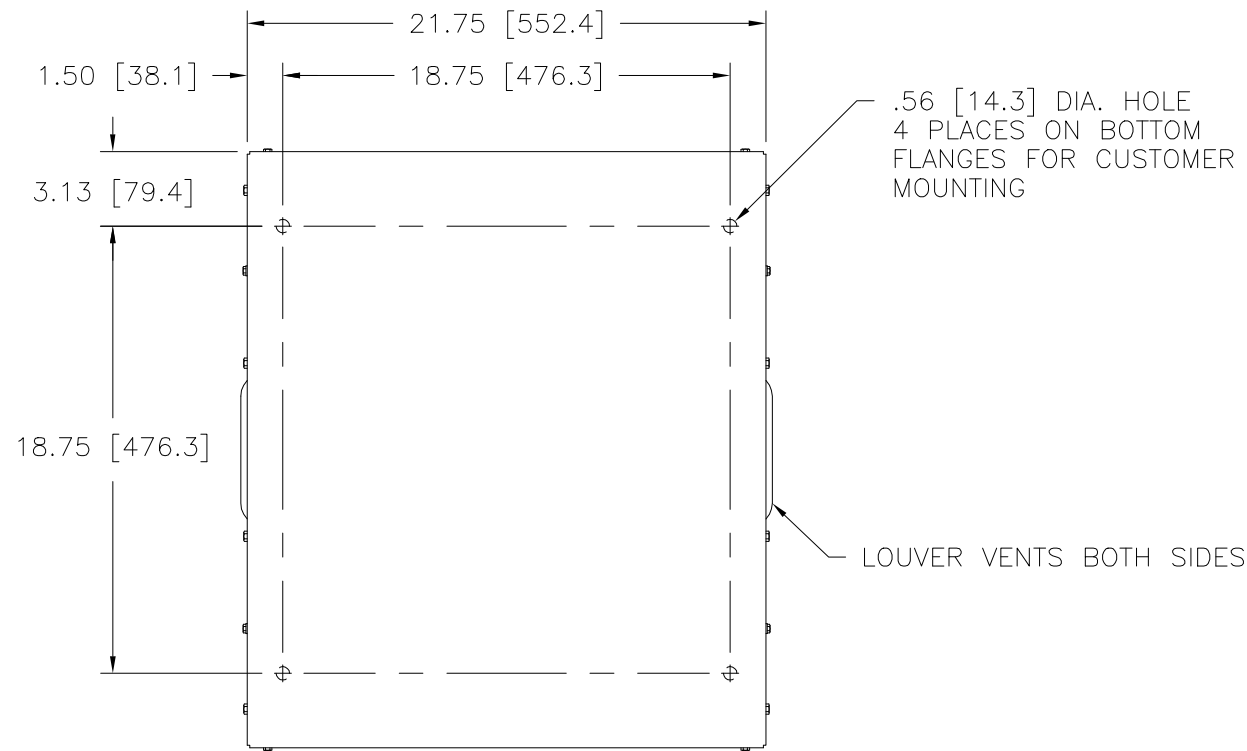




MOTOR CIRCUIT
120V, 50/60 HZ
* ROTATION AS VIEWED FROM TOP END
MOTOR SPEEDS: SEE CHART

FIGURE A

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

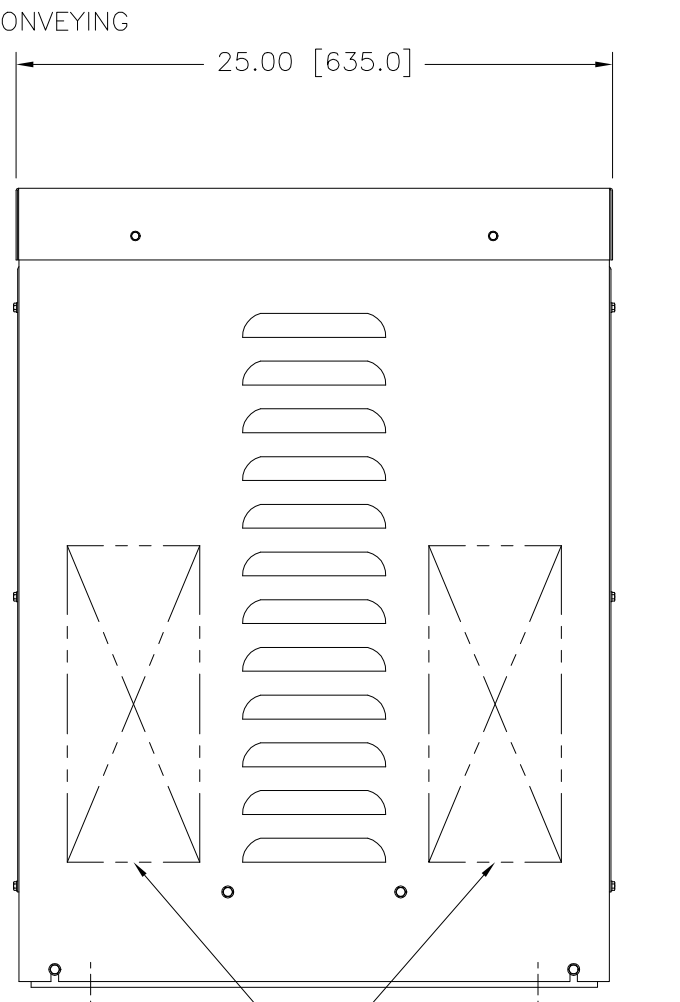
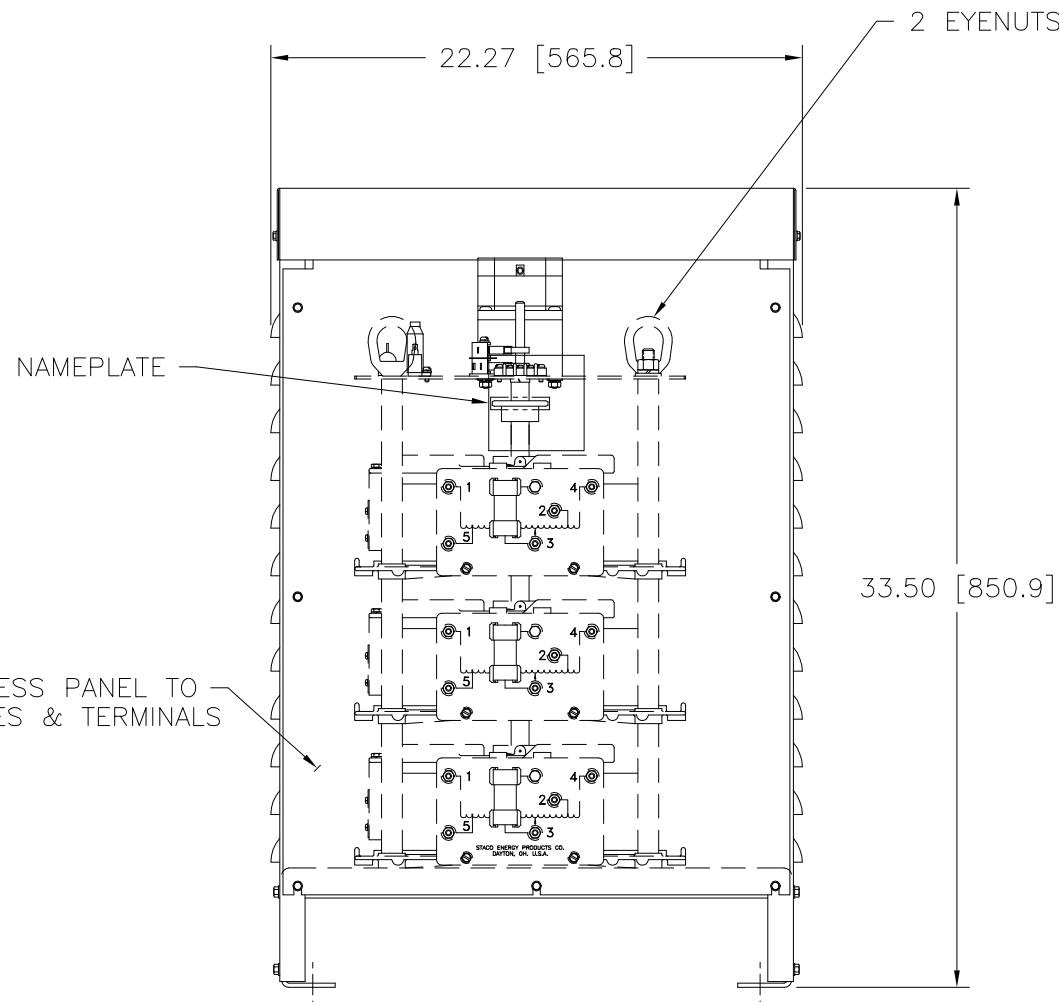
MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25% ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, OUTPUT CURRENT MUST BE REDUCED ACCORDING TO RATING CURVE, FIGURE A.

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

V.D. = VOLTAGE DOUBLER.

SPEED (SECONDS)	MODEL NUMBER
5	5M5021E-3Y
15	15M5021E-3Y
30	30M5021E-3Y
60	60M5021E-3Y

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 WYE	480	50/60	0-480	28	23.3	CW	4-4-4	3-3-3	
		60	0-560	28	27.2	CW	2-2-2	3-3-3	
		240	60	0-560	28-12 * V.D.	11.8 ++	CW	5-5-5	3-3-3
UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS HOLES ANGLES DRAFT XX .0005 .12 .0020 .03 1° 1-1/2°		UNITS IN [mm]		TITLE: SPECIFICATION CONTROL DRAWING MOTORIZED VARIABLE TRANSFORMER TYPE: M5021E-3Y				STACO ENERGY PRODUCTS CO. A Components Corporation of Ametec Company 305 Glendale Boulevard Dayton, Ohio 45403 USA	
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 S.A. SMITH		DATE 11/14/94		FIRST USED ON M5021E-3Y		DO NOT SCALE DWG.		DWG. SIZE D DWG. NO. 031-8290	
CHECKER		DATE		WEIGHT APPROX.		CAGE CODE 83008			
ENGINEER		DATE		SCALE .25=1		SHEET 1 OF 1			



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