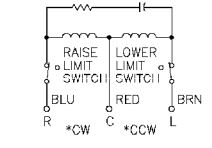


CONTROLS:
 MICROTERMINAL: THE TERMINAL IS PROVIDED FOR LOCAL CONTROL OF THE UNIT WITH AN LCD DISPLAY FOR OUTPUT VOLTAGE READINGS. SEE THE MP USER'S HANDBOOK (FORM #003-1622) FOR DETAILED INFORMATION.
 CONTROLLER ON/OFF SWITCH: THIS SWITCH TURNS OFF POWER TO THE MICROPROCESSOR CONTROLLER ONLY.
 MOTOR ON/OFF SWITCH: THIS SWITCH TURNS OFF POWER FROM THE MICROPROCESSOR TO EACH OF THE AUTOTRANSFORMER MOTORS.
 RAISE/LOWER SWITCHES: THESE SWITCHES ARE LOCATED INTERNALLY AND ARE ACCESSIBLE FROM THE FRONT VIA THE REMOVABLE ACCESS PANEL. THE SWITCHES ALLOW FOR EACH PHASE OF THE REGULATOR TO BE MANUALLY CONTROLLED INDIVIDUALLY.



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

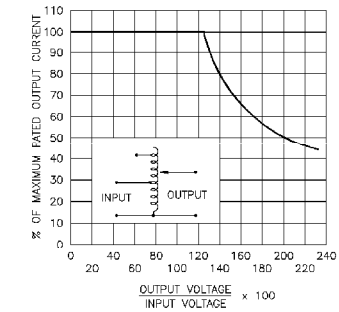
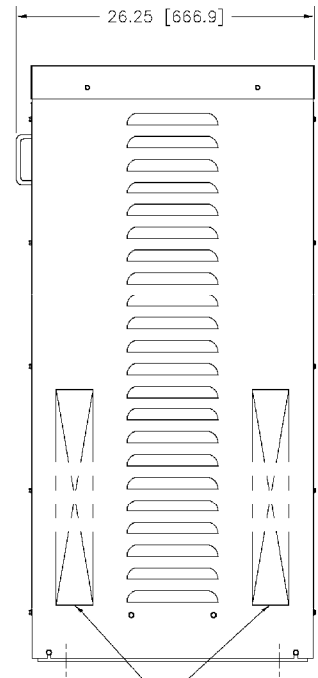
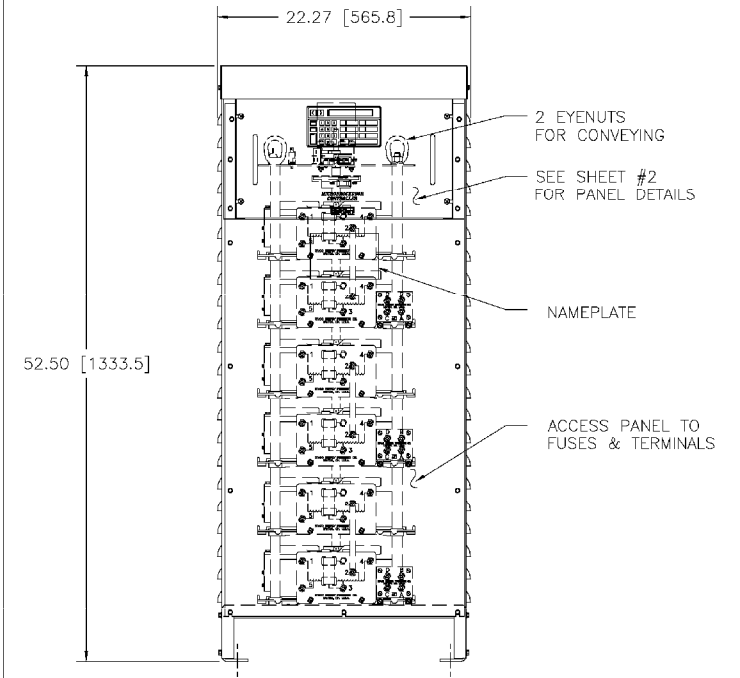


FIGURE A
 MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.
 * MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25 PERCENT ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, OUTPUT CURRENT MUST BE REDUCED ACCORDING TO RATING CURVE (SEE FIGURE 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	MV15MS021E-6Y
30	MV30MS021E-6Y
60	MV60MS021E-6Y

WIRING	SPECIFICATIONS					SHAFT ROTATION FOR INCREASE VOLTAGE	TERMINAL CONNECTIONS		
	INPUT		OUTPUT		FOR INCREASING VOLTAGE AS VIEWED FROM ROTOR END		INPUT	JUMPER	OUTPUT
	VOLTS	HERTZ	VOLTS	MAX. AMPS					
THREE PHASE WYE	480	50/60	0-480	56	46.6	CW	4-4-4	---	B-B-B
		60	0-560	56	54.3	CW	2-2-2	---	B-B-B
		240	0-560	56-74 V.D.	23.5++	CW	5 5 5	---	D-D-D

5700 ENERGY PRODUCTS CO.
 A COLUMBIAN CORPORATION OF AMERICA COMPANY
 DAYTON, OHIO U.S.A.

DATE: 3/10/87
 DRAWN BY: TIM RAU
 CHECKED: DATE: DESIGNED: DATE: SCALE: 2=1
 SHEET 1 OF 2
 D 031-8377