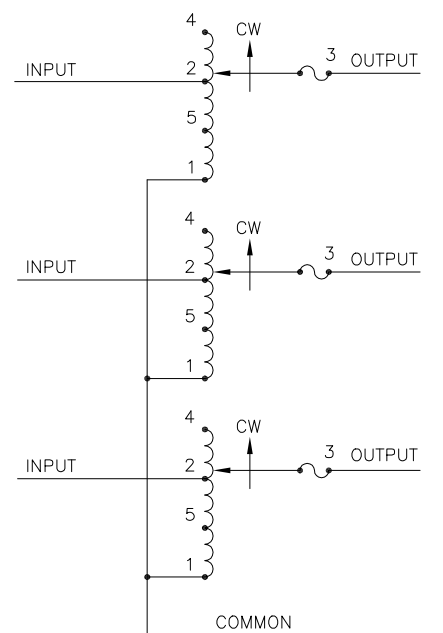
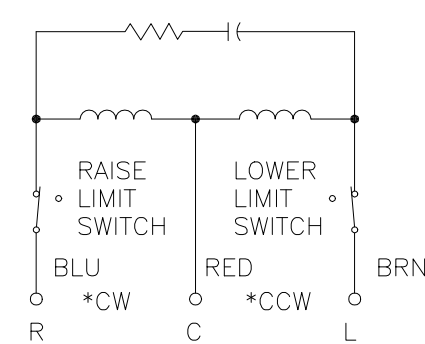


FIGURE A

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



SCHEMATIC



MOTOR CIRCUIT
 120V 50/60 HZ.
 * ROTATION AS VIEWED FROM MOTOR END
 MOTOR SPEED: SEE CHART

* 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.

V.D. = VOLTAGE DOUBLER.

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

SPECIFICATIONS								
WIRING	INPUT		OUTPUT			SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM ROTOR END	
	VOLTS	HERTZ	VOLTS	MAX. AMPS	MAX. KVA		INPUT	JUMPER
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

SPEED (SECONDS)	MODEL NUMBER	DIM "A"
5	5M5021-3Y	25.75 [654.0]
15	15M5021-3Y	26.84 [681.7]
30	30M5021-3Y	26.84 [681.7]
60	60M5021-3Y	26.84 [681.7]

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS HOLES .12 ANGLES DRAFT 1-1/2° UNITS IN [mm]

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR. TYPE: M5021-3Y

DRAWN BY: TIM RAU DATE: 12/10/97 FIRST USED ON: DO NOT SCALE DWG.

CHECKER: DATE: WEIGHT APPROX. 233 LBS. CAGE CODE 83008

ENGINEER: DATE: SCALE .50=1 SHEET 1 OF 1

DWG. NO. 031-8276

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