

DWG. NO.	031-7680		
REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	24877	7/1/02	ADDED LUG

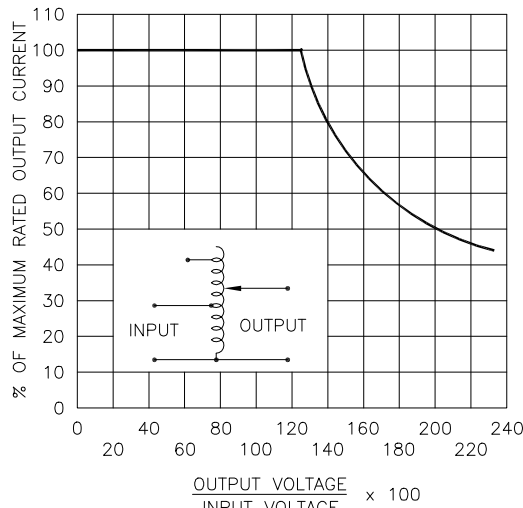
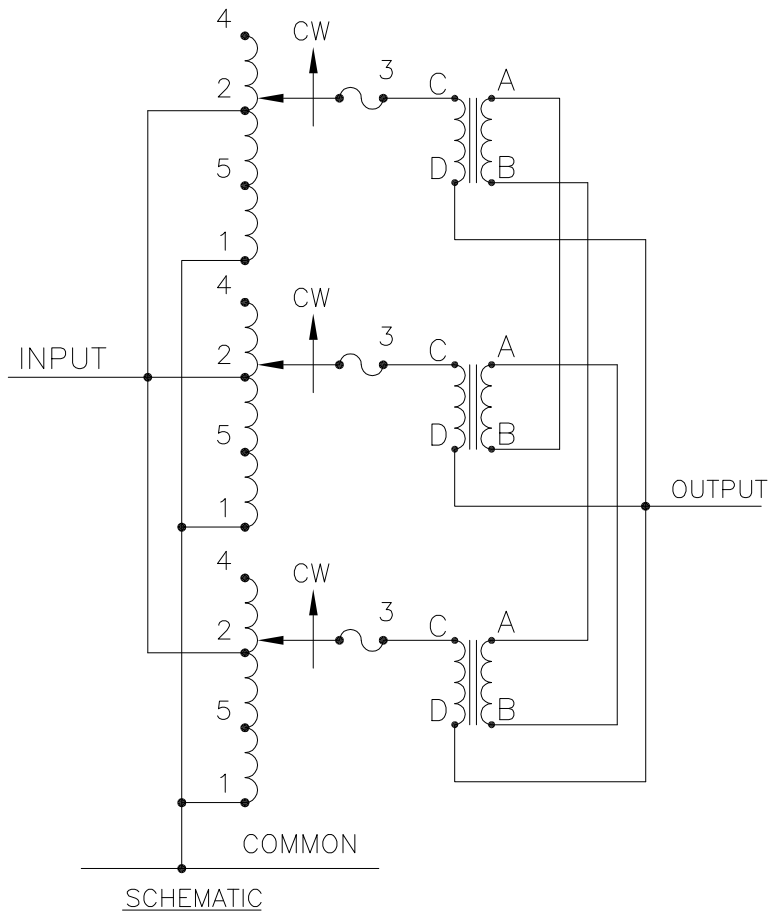
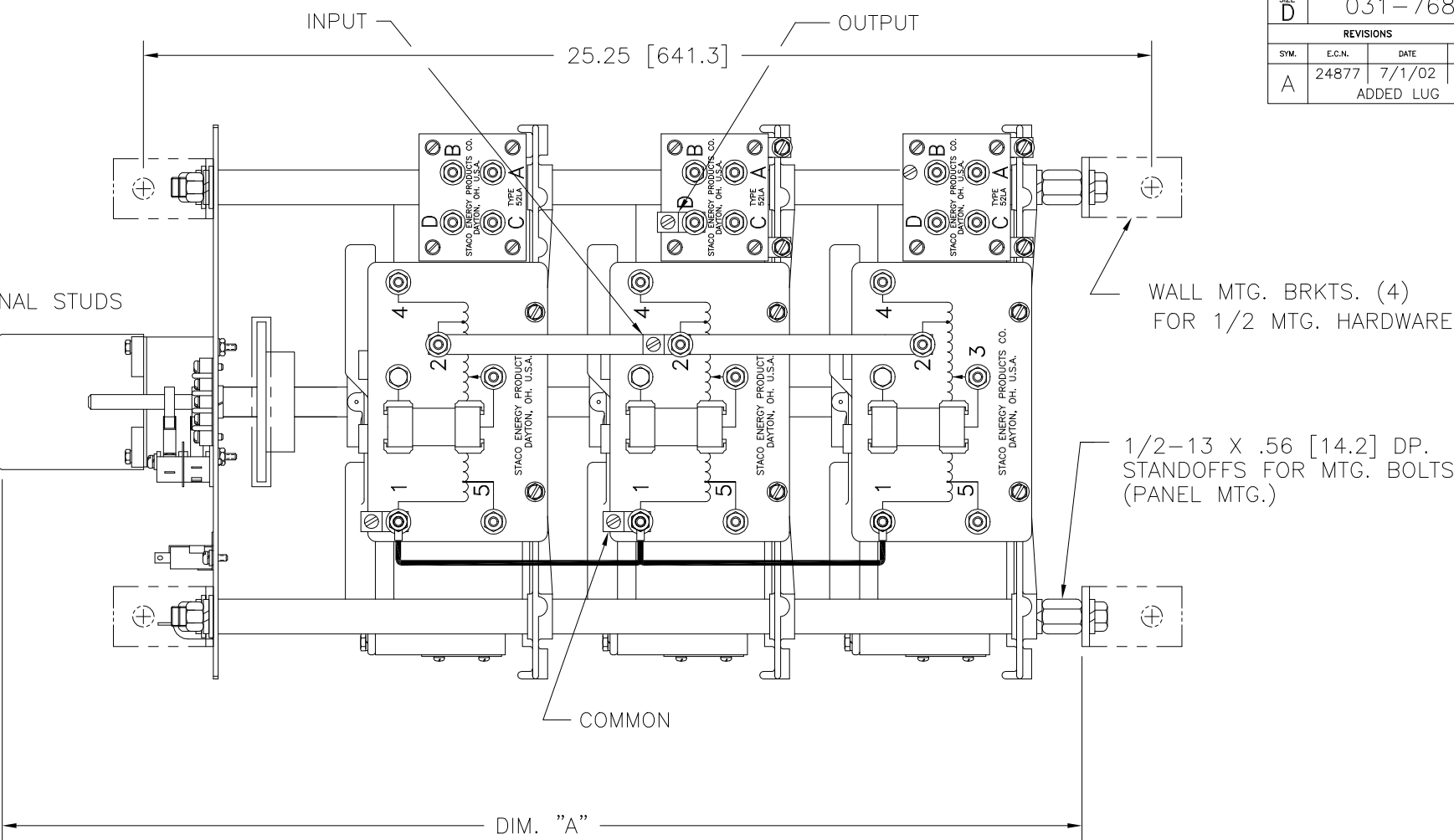
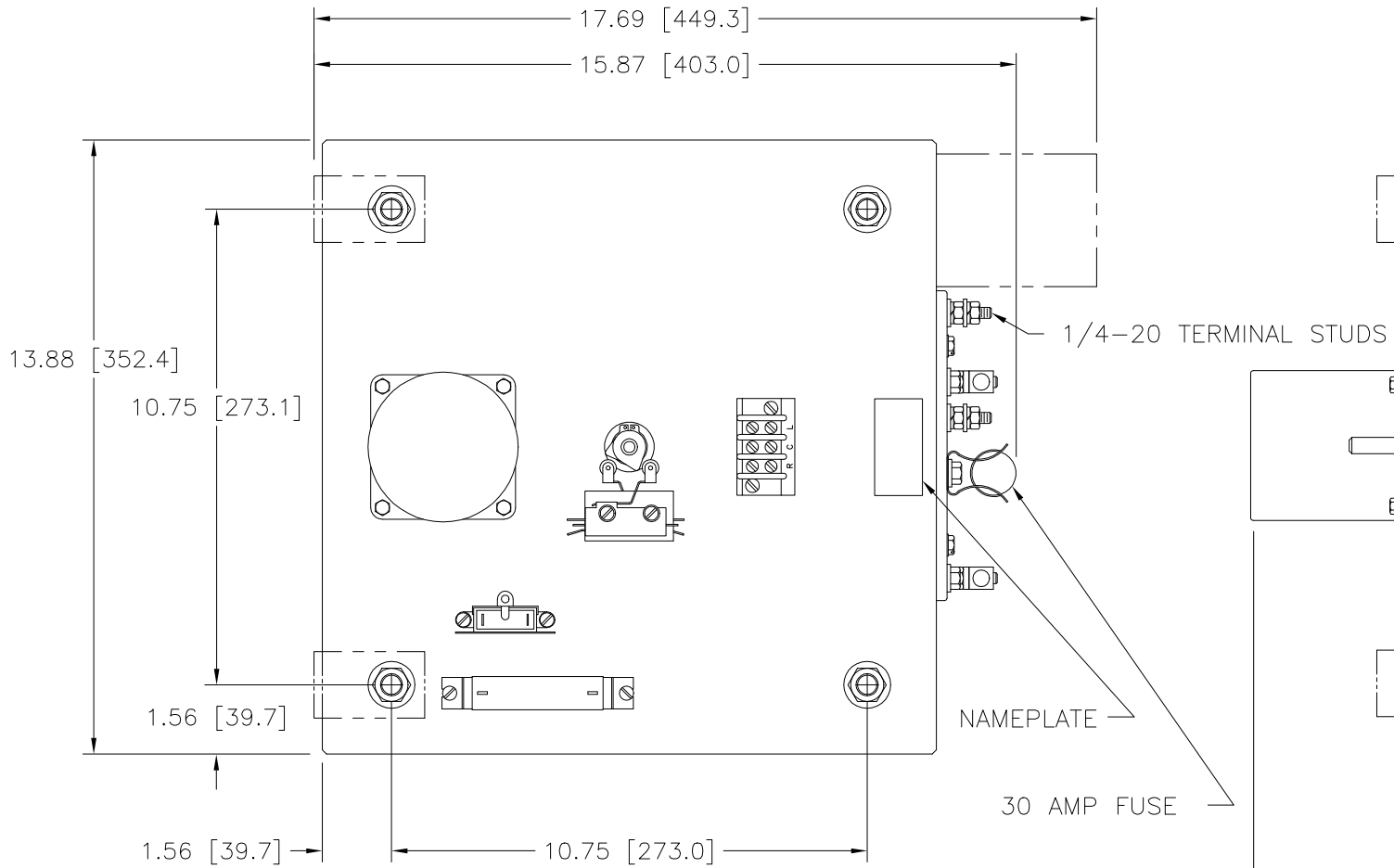


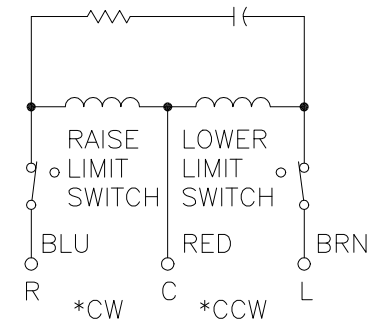
FIGURE A

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.



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

MOTOR CIRCUIT

SPEED (SECONDS)	MODEL NUMBER	DIM "A"
5	5M5021-3P	25.56 [649.2]
15	15M5021-3P	27.38 [695.4]
30	30M5021-3P	27.38 [695.4]
60	60M5021-3P	27.38 [695.4]

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				
SINGLE PHASE PARALLEL	240	50/60	0-240	84	20.2	CW	1-4	1-D	
			0-280	84	23.5	CW	1-2	1-D	
	120	50/60	0-280	84 [*] 36 V.D.	10.2 ⁺	CW	1-5	1-D	
UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±			TITLE: SPEC. CONTROL DRAWING VARIABLE MOTORIZED XFMR. TYPE: M5021-3P				 A Components Corporation of Ametec Company 305 Glendale Boulevard Dayton, Ohio 45403 USA		
DECIMALS .XX .0000-12		HOLES .0000-12							
ANGLES 1°		DRAFT 1-1/2°							
MATERIAL :		UNITS IN [mm]		ALL DIMENSIONS APPLY AFTER PLATING					
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			TIM RAU		3/11/98				
			CHECKER		DATE	WEIGHT APPROX. 237 LBS.	CAGE CODE 83008		
			ENGINEER		DATE	SCALE .5=1	SHEET 1 OF 1		

Authorized Distribution Brand :



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