

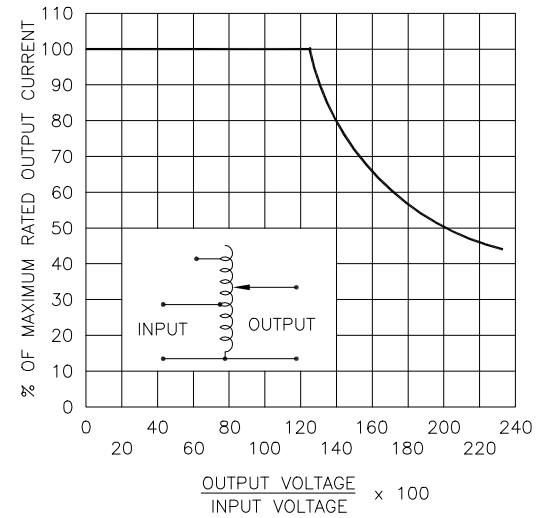
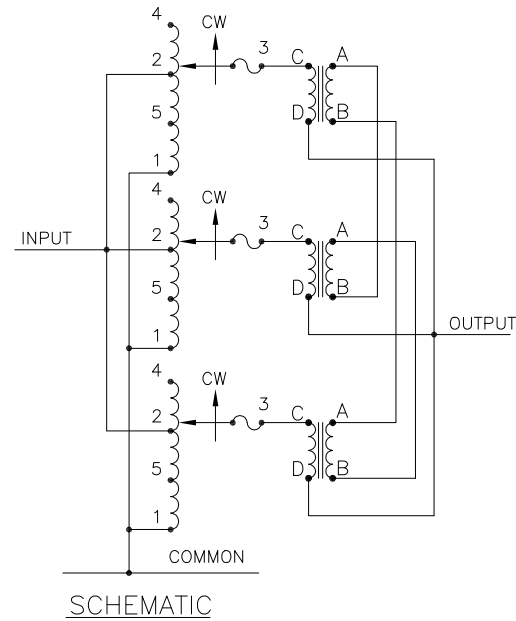
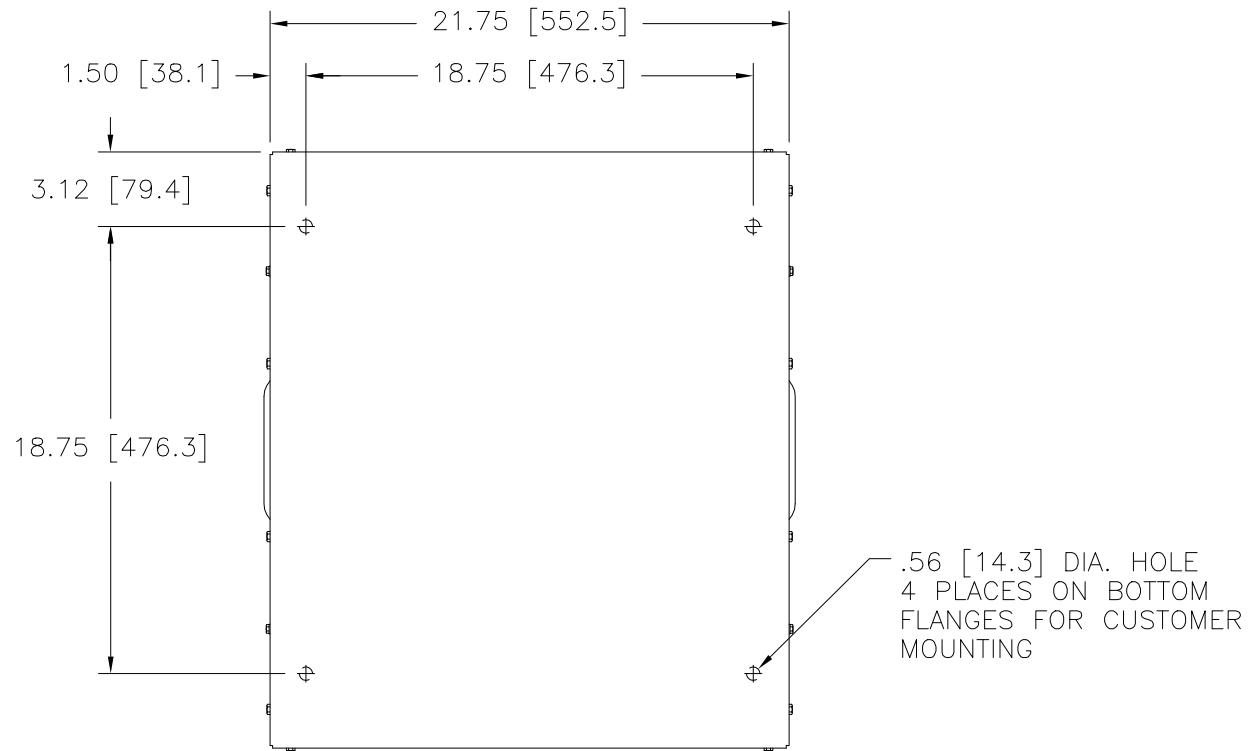
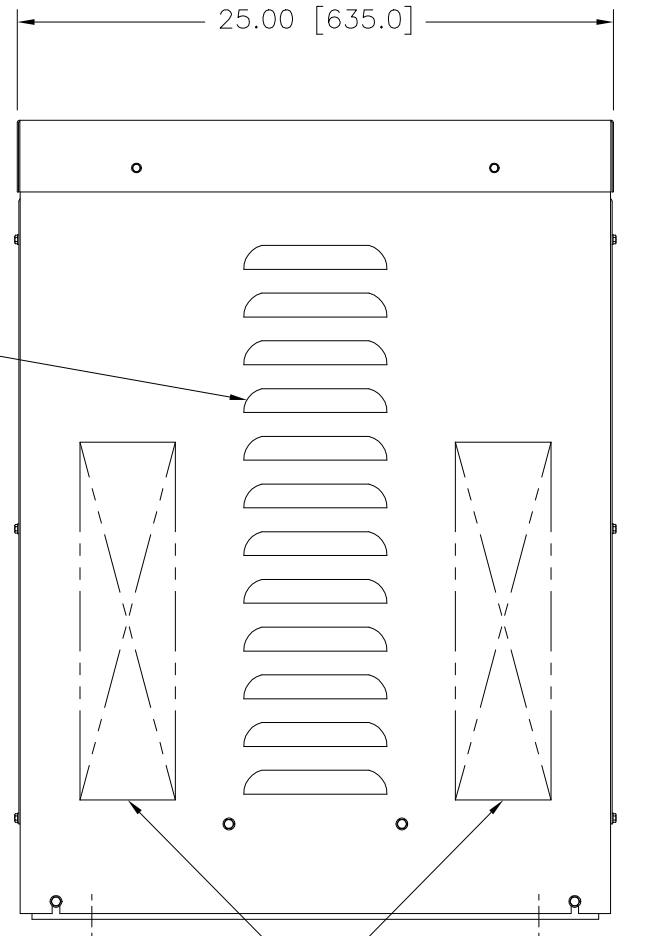
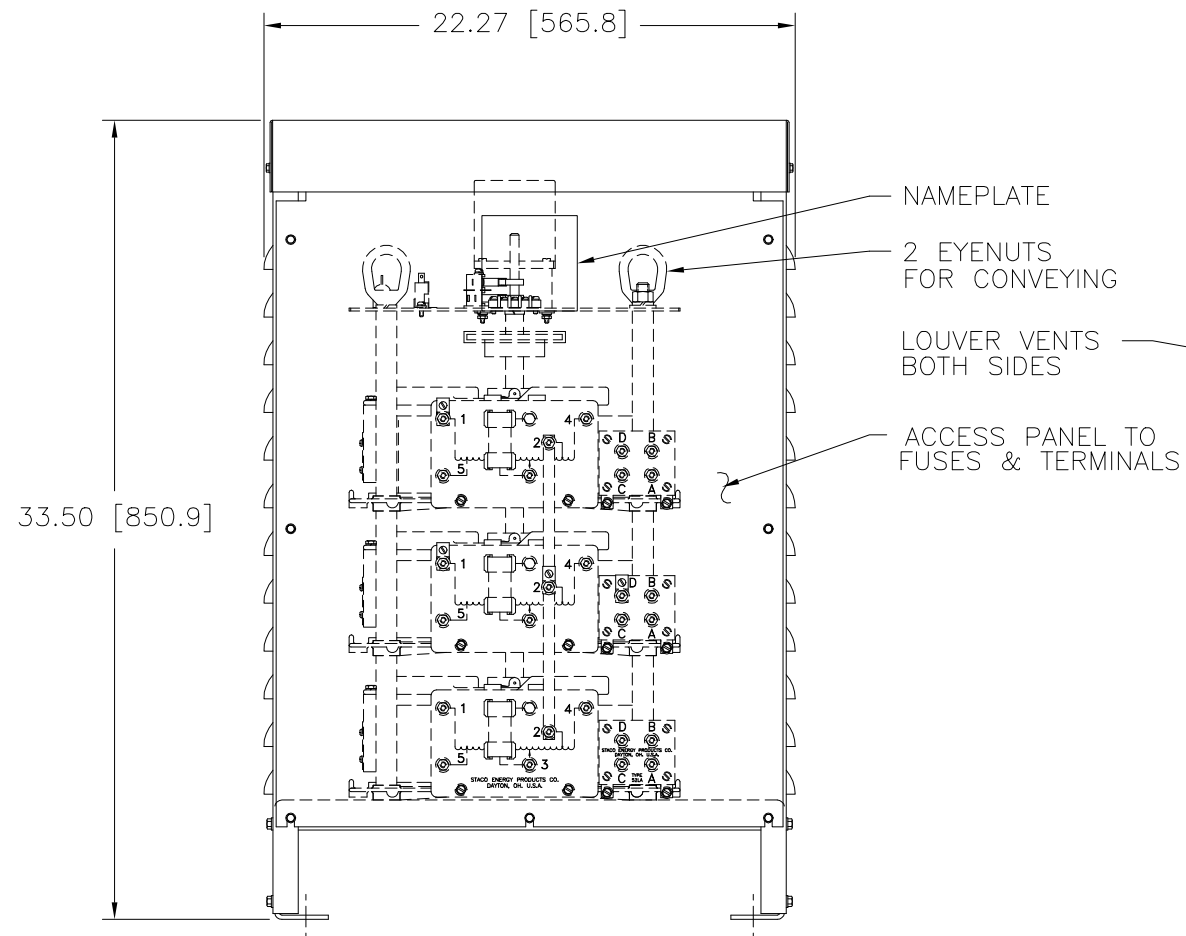


FIGURE A
MAXIMUM OUTPUT CURRENT OF ANY
DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER
UNIT OPERATED AT LOWER INPUT VOLTAGE.

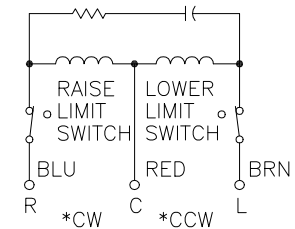
* MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25% ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, OUTPUT CURRENT MUST BE REDUCED ACCORDING TO RATING CURVE, FIGURE A.

++ 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.



RECOMMENDED AREAS
FOR CONDUIT ENTRY



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

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

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 ± DECIMALS HOLES ANGLES DRAFT XX .0005-12 .0005 .03 1° 1-1/2° XXX .005			TITL: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR. TYPE: M5021E-3P		 A Component Department of American Castorite 305 Gadde Boulevard Dayton, Ohio 45403 USA				
MATERIAL :		UNITS IN [mm]		ALL DIMENSIONS APPLY AFTER PLATING					
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DRAWN BY TIM RAU			DATE 7/10/97		FIRST USED ON		DO NOT SCALE DWG.		
CHECKER			DATE		WEIGHT APPROX.		CAGE CODE 83008		
ENGINEER			DATE		SCALE .25=1		SHEET 1 OF 1		
DWG. NO. 031-7685							DWG. NO. 031-7685		

**STACO
ENERGY
PRODUCTS CO.**
A Components Corporation of Ametec Company
305 Glendale Boulevard Dayton, Ohio 45423 USA

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com