

SCHEMATIC

FUSE RECOMMENDED BUT NOT SUPPLIED.

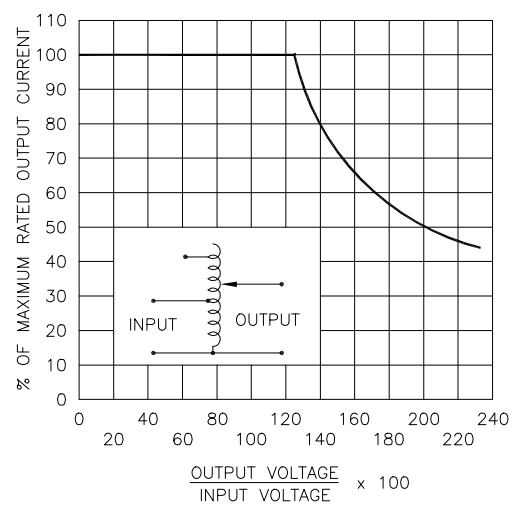


FIGURE A  
 MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

- # MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25% ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, THE OUTPUT CURRENT MUST BE REDUCED ACCORDING TO THE DERATING CURVE FIGURE A.
  - § MAXIMUM KVA AT MAXIMUM OUTPUT VOLTAGE AND CORRESPONDING DERATED OUTPUT CURRENT. MAXIMUM KVA FOR LOWER VOLTAGES MAY BE CALCULATED FROM DERATING CURVE FIGURE A.
  - π IF GANGED UNITS ARE USED IN A SYSTEM THAT ORDINARILY HAS A COMMON NEUTRAL OR GROUND BETWEEN SOURCE AND LOAD, THE NEUTRAL OR GROUND MUST BE CONNECTED TO THE COMMON TERMINALS OF THE VARIABLE TRANSFORMER ASSEMBLY. IF THE SYSTEM HAS NO NEUTRAL, THE LOAD MUST BE BALANCED OR THE TRANSFORMER WILL BE DAMAGED.
  - JUMPER PROVIDED IN STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.
- ++ LINE TO LINE VOLTAGE.

SPECIFICATIONS											
WIRING	INPUT		OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS			
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD	CONSTANT IMPEDANCE LOAD	FOR INCREASING VOLTAGE AS VIEWED FROM BASE END ■		INPUT	JUMPER	OUTPUT	
THREE PHASE WYE π	480 ++	50/60	0-480	3.5	2.91	5.0	4.16	CW	1-1-1	4-4-4	3-3-3
		60	0-560	3.5	3.40	—	—	CCW	4-4-4	1-1-1	3-3-3
	240 ++	60	0-560	3.5#	1.46§	—	—	CW	7-7-7	4-4-4	3-3-3
				—	—	—	—	CCW	6-6-6	1-1-1	3-3-3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS .XX .XXX .005  
 HOLES .002 ANGLES 1° DRAFT 1-1/2°  
 MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING  
 UNITS IN [mm]  
 TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER MODEL: 1020B-3  
 DRAWN BY: S.A. SMITH DATE: 9/22/97 FIRST USED ON: DO NOT SCALE DWG.  
 CHECKER: DATE: WEIGHT APPROX. 29.5 LBS CAGE CODE 83008  
 ENGINEER: DATE: SCALE 1=1 SHEET 1 OF 1  
 STACO ENERGY PRODUCTS CO. A Components Corporation of Ametec Company 302 Gadsden Boulevard Dayton, Ohio 45403 USA  
 DWG. NO. 031-2334