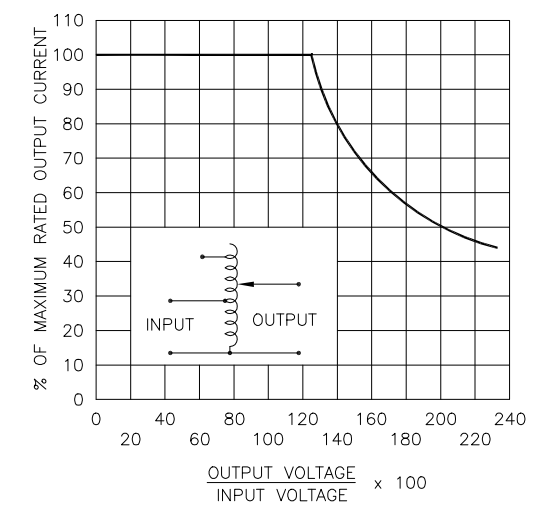


SCHEMATIC
 FUSE RECOMMENDED BUT NOT SUPPLIED.



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 ■					
				MAX. AMPS	MAX. KVA	MAX. AMPS	MAX. KVA		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	5-5-5	4-4-4	3-3-3
								CCW	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 Goodrich Boulevard Dayton, Ohio 45408 USA

DWG. NO. 031-2334