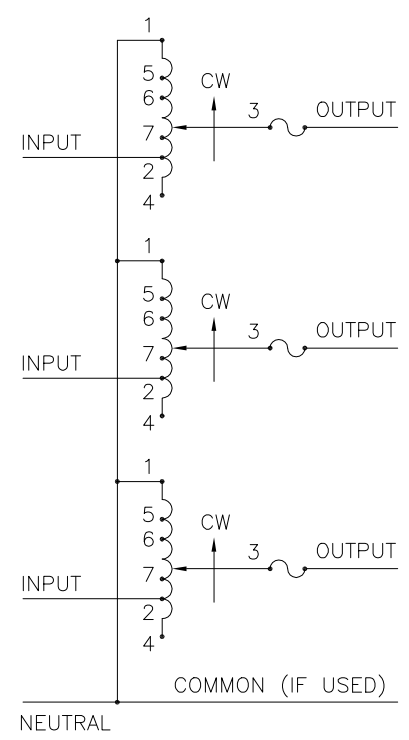


(4) STANDOFFS TAPPED
 1/4-28 X .38 [9.5] DEEP
 FOR MOUNTING BOLTS

.88 [22.2] DIA. KNOCKOUT
 (7) PLACES FOR
 WIRING CONNECTIONS



COMMON (IF USED)
 SCHEMATIC
 FUSE RECOMMENDED BUT NOT SUPPLIED

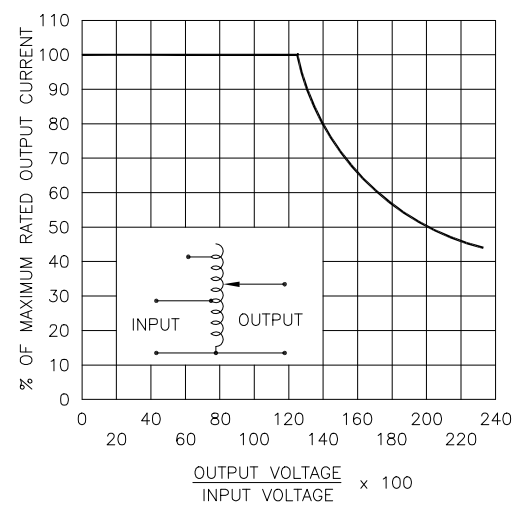


FIGURE A
 MAXIMUM OUTPUT CURRENT OF ANY
 DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER
 UNIT OPERATED AT LOWER INPUT VOLTAGE.

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 MAX. AMPS	CONSTANT IMPEDANCE LOAD MAX. KVA	CONSTANT CURRENT LOAD MAX. AMPS		CONSTANT IMPEDANCE LOAD MAX. KVA	FOR INCREASING VOLTAGE AS VIEWED FROM BASE END ■		
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 HOLES ANGLES DRAFT UNITS
 .XX .0008-.006 .002 1° 1-1/2" IN [mm]
 MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING.

TITLE: SPEC. CONTROL DRAWING
 VARIABLE TRANSFORMER
 MODEL: 1020BCT-3

DRAWN BY: S.A. SMITH DATE: 9/23/97 FIRST USED ON: CAGE CODE: 83008 DO NOT SCALE DWG.
 CHECKER: DATE: WEIGHT APPROX. 34.5 LBS SCALE: 1=1 SHEET 1 OF 1
 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. 031-2376