



NOTES:

- JUMPER PROVIDED IN THE STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.
 - 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.
 - 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 DERATING CURVED FIGURE A.
- SCHEMATIC
- NOTE: FUSE RECOMMENDED BUT NOT SUPPLIED

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	
SINGLE PHASE SERIES	480	50/60	0-480	9.5	4.56	12	5.76	CW	2-2	4-4	3-3	
									CCW	4-4	2-2	3-3
			0-560	9.5	5.32	—	—	CW	1-1	4-4	3-3	
									CCW	5-5	2-2	3-3
	240	50/60	0-560	9.5#	2.28\$	—	—	CW	7-7	4-4	3-3	
									CCW	6-6	2-2	3-3
THREE PHASE OPEN DELTA	240	50/60	0-240	9.5	3.95	12	5.0	CW	2-4-2	4-4	3-4-3	
									CCW	4-2-4	2-2	3-2-3
			0-280	9.5	4.61	—	—	CW	1-4-1	4-4	3-4-3	
									CCW	5-2-5	2-2	3-2-3
	120	50/60	0-280	9.5#	1.98\$	—	—	CW	7-4-7	4-4	3-4-3	
									CCW	6-2-6	2-2	2-4-2

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±

DECIMALS	HOLES	ANGLES	DRAFT
.XX ±.010	±.06	.002	1°
.XXX .005			1-1/2°

MATERIAL :

ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DWG. VARIABLE TRANSFORMER TYPE: 1520C-2

DRAWN BY
TIM RAU

CHECKER

ENGINEER

DATE
4/23/96

DATE

DATE

FIRST USED ON

WEIGHT APPROX.
35.25 LBS

SCALE
.5=1

DO NOT SCALE DWG.

CODE IDENT. NO.
83008

SHEET 1 OF 1

CUSTOMER APPROVAL

DATE

DWG. SIZE
C

DWG. NO.
031-3962

STACO ENERGY PRODUCTS CO.
DAYTON, OHIO U.S.A.

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