

SCHEMATIC THREE PHASE WYE FUSES RECOMMENDED BUT NOT SUPPLIED  
 SCHEMATIC SINGLE PHASE PARALLEL FUSES RECOMMENDED BUT NOT SUPPLIED

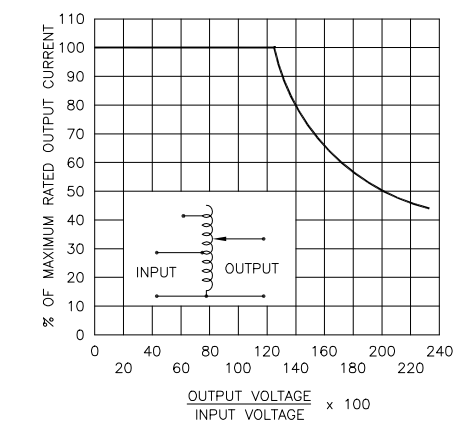
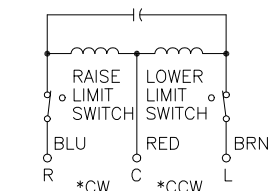


FIGURE A  
 MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.



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

SPEED (SECONDS)	MODEL NUMBER
5	5M2520CT-3
15	15M2520CT-3
30	30M2520CT-3
60	60M2520CT-3

SPECIFICATIONS											
WIRING	INPUT		OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS +			
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD MAX. AMPS	CONSTANT IMPEDANCE LOAD MAX. KVA	MAX. AMPS		MAX. KVA	FOR INCREASING VOLTAGE AS VIEWED FROM BASE END ■		
SINGLE PHASE PARALLEL **	240	50/60	0-240	30	7.20	39	9.30	CW	2-2-2, 4-4-4	—	4-D
			0-280	30	8.40	—	—	CCW	2-2-2, 4-4-4	—	2-D
	120	50/60	0-280	30#	3.60 §	—	—	CW	1-1-1, 4-4-4	—	4-D
			0-280	30#	3.60 §	—	—	CCW	5-5-5, 2-2-2	—	2-D
THREE PHASE WYE π	480	50/60	0-480	10	8.30	13	10.81	CW	2-2-2	4-4-4	3-3-3
			0-560	10	9.70	—	—	CCW	4-4-4	2-2-2	3-3-3
	240	60	0-480	10	8.30	13	10.81	CW	1-1-1	4-4-4	3-3-3
			0-560	10#	4.20 §	—	—	CCW	5-5-5	2-2-2	3-3-3

# 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.  
 ++ LINE TO LINE VOLTAGE.  
 \*\* REQUIRES THREE 52LAC PARALLELING CHOKE (NOT SUPPLIED).  
 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.  
 + MOTOR DRIVEN UNITS USE TERMINAL CONNECTIONS FOR CCW INCREASING VOLTAGE, AS VIEWED FROM THE BASE END.

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS \* DECIMALS Holes .01 ANGLES DRAFT 1° 1-1/2° UNITS IN [mm]

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER MODEL: M2520CT-3

STACO ENERGY PRODUCTS CO. A COMPONENTS CORPORATION OF AMERICA COMPANY DAYTON, OHIO U.S.A.

DRAWN BY: S.A. SMITH DATE: 12/22/98 FIRST USED ON: DO NOT SCALE DWG. CUSTOMER APPROVAL: DATE:

CHECKER: DATE: WEIGHT APPROX. 78 LBS. CODE IDENT. NO. 83008 DWG. NO. 031-5825

ENGINEER: DATE: SCALE: .50=1 SHEET 1 OF 1