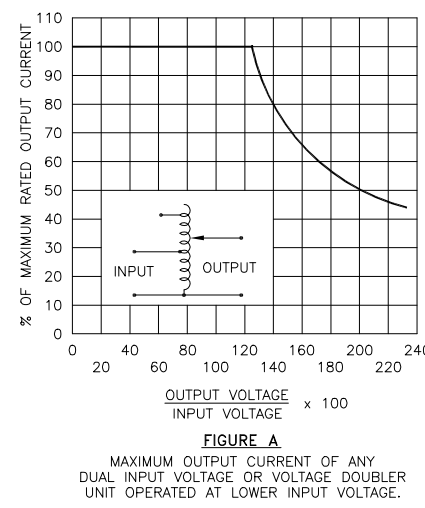
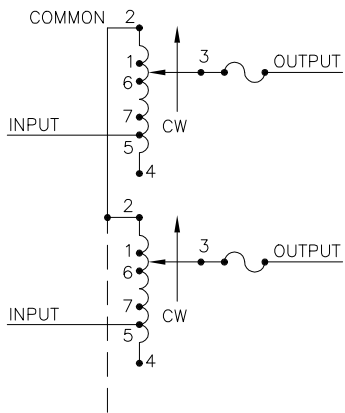


MOTOR CIRCUIT
120V, 50/60 HZ
* ROTATION AS VIEWED FROM MOTOR END
MOTOR SPEED: SEE CHART



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.

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.

SPEED (SECONDS)	MODEL NUMBER
5	5M1520CT-2
15	15M1520CT-2
30	30M1520CT-2
60	60M1520CT-2

SPECIFICATIONS												
WIRING	INPUT		OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS + MOTOR DRIVEN UNITS USE CCW FOR INCREASING VOLTAGE AS VIEWED FROM BASE END ■				
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD		INPUT	JUMPER	OUTPUT		
				MAX. AMPS	MAX. KVA	MAX. AMPS					MAX. KVA	
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	
THREE PHASE OPEN DELTA Π	240 ++	50/60	0-560	9.5#	2.28 §	—	—	CW	7-7	4-4	3-3	
								CCW	6-6	2-2	3-3	
								CW	2-4-2	4-4	3-4-3	
								CCW	4-2-4	2-2	3-2-3	
	120 ++	50/60	0-240	9.5	3.95	12	5.0	CW	1-4-1	4-4	3-4-3	
								CCW	5-2-5	2-2	3-2-3	
			0-280	9.5	4.61	—	—	CW	7-4-7	4-4	3-4-3	
								CCW	6-2-6	2-2	3-2-3	
UNLESS OTHERWISE SPECIFIED: TOLERANCE IS ± DECIMALS .XX .0000 .09 .0002 .02 1° DRAFT 1-1/2° MATERIAL: .XXX .005			Holes ANGLES		UNITS IN [mm]		TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER MODEL: M1520CT-2					
ALL DIMENSIONS APPLY AFTER PLATING			DRAWN BY S.A. SMITH		DATE 2/4/98	FIRST USED ON	DO NOT SCALE DWG.	CUSTOMER APPROVAL		DATE		
The information and design disclosed herein was originated by and is the property of STACO ENERGY PRODUCTS CO., which reserves all patent, proprietary, design, manufacturing, reproduction, use and sale rights thereto, and to any article disclosed therein except to the extent rights are expressly granted to others. The foregoing does not apply to vendor proprietary parts.			CHECKER		DATE	WEIGHT APPROX. 52.5 LBS	CODE IDENT. NO. 83008	DWG. SIZE	DWG. NO.	D 031-4133		
			ENGINEER		DATE	SCALE .50=1	SHEET 1 OF 1					



Mouser Electronics

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M1520CT-2