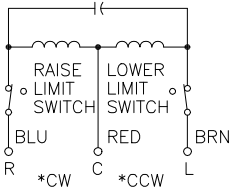


NOTES:

- ⌘ 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.
- XX REQUIRES THREE 51LAC PARALLELING CHOKES.
- 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.
- ++ LINE TO LINE VOLTAGE.



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

SPEED (SECONDS)	MODEL NUMBER	DIM "A"
5	5M2510-3 +	21.23 [539.2]
15	15M2510-3 +	21.23 [539.2]
30	30M2510-3 +	21.62 [549.1]
60	60M2510-3 +	21.62 [549.1]

SPECIFICATIONS															
WIRING	INPUT		OUTPUT					SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS 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								
THREE PHASE WYE Π	240 ++	50/60	0-240	25	10.40	30	12.5	CW	2-2-2	4-4-4	3-3-3				
							CCW	4-4-4	4-4-4	3-3-3					
		60	0-280	25	12.10	—	—	CW	1-1-1	4-4-4	3-3-3				
							CCW	5-5-5	4-4-4	3-3-3					
SINGLE PHASE PARALLEL XX	120	50/60	0-120	75	9.00	90	10.8	CW	2-2-2	4-4-4	—	4-D			
							CCW	2-2-2	4-4-4	—	2-D				
			0-140	75	10.50	—	—	CW	1-1-1	4-4-4	—	4-D			
							CCW	2-2-2	5-5-5	—	2-D				
UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS .XX, .0000, .06, .0002, .01, .0002, .01, 1° DRAFT 1-1/2°				UNITS IN [mm]		TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR. TYPE: M2510-3									
MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING				DRAWN BY TIM RAU		DATE 8/19/99		FIRST USED ON		DO NOT SCALE DWG.		CUSTOMER APPROVAL		DATE	
				CHECKER		DATE		WEIGHT APPROX. 78 LBS.		CODE IDENT. NO. 83008		DWG. SIZE		DWG. NO.	
				ENGINEER		DATE		SCALE .5=1		SHEET 1 OF 1		D		031-5165	



# Mouser Electronics

Authorized Distributor

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Staco:

M2510-3