

SCHEMATIC
THREE PHASE WYE
FUSE RECOMMENDED BUT
NOT SUPPLIED.

SCHEMATIC
SINGLE PHASE PARALLEL
FUSE RECOMMENDED BUT
NOT SUPPLIED.


++ LINE TO LINE VOLTAGE.

** REQUIRES THREE 51LAC PARALLELING CHOKES (NOT SUPPLIED).

71 IF GANGED UNITS ARE USED IN A SYSTEM THAT ORDINARILY
72 HAS A COMMON NEUTRAL OR GROUND BETWEEN SOURCE AND
73 LOAD, THE NEUTRAL OR GROUND MUST BE CONNECTED TO
74 THE COMMON TERMINALS OF THE VARIABLE TRANSFORMER
75 ASSEMBLY. IF THE SYSTEM HAS NO NEUTRAL, THE LOAD
76 MUST BE BALANCED OR THE TRANSFORMER WILL BE DAMAGED.

■ JUMPER PROVIDED IN STANDARD COMMON POSITION AND SHOULD BE REMOVED OR REMOVED AS REQUIRED.

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 PARALLEL **	120	50/60	0-120	75	9.00	90	10.8	CW	2-2-2, 4-4-4	———	4-D
			0-140	75	10.50	———	———	CCW	2-2-2, 4-4-4	———	2-D
								CW	1-1-1, 4-4-4	———	4-D
								CCW	5-5-5, 2-2-2	———	2-D
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
			0-280	25	12.10	———	———	CCW	4-4-4	2-2-2	3-3-3
		CW						1-1-1	4-4-4	3-3-3	
		CCW						5-5-5	2-2-2	3-3-3	

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±				TITL:		SPEC. CONTROL DRAWING VARIABLE TRANSFORMER MODEL: 2510-3					
DECIMALS .XXX .005	HOLES .0002 .01	ANGLES 1°	DRAFT 1-1/2°	UNITS IN [mm]							
MATERIAL:				ALL DIMENSIONS APPLY AFTER PLATING							

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DRAWN BY S.A. SMITH	DATE 12/28/00	FIRST USED ON	DO NOT SCALE DWG.	CUSTOMER APPROVAL	DATE
CHECKER	DATE	WEIGHT APPROX. 68 LB	CODE IDENT. NO. 83008	DWG. SIZE D	DWG. NO. 031-4325
ENGINEER	DATE	SCALE 1/2	SHEET 1 OF 1		

Mouser Electronics

Authorized Distributor

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Staco:

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