



SCHEMATIC
 THREE PHASE OPEN DELTA AND SINGLE PHASE SERIES. FUSE RECOMMENDED BUT 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.

++ LINE TO LINE VOLTAGE.

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	240	50/60	0-240	5	1.2	7	1.68	CW	1-1	4-4	3-3
							CCW	4-4	1-1	3-3	
		0-280	5	1.4	—	—	CW	5-5	4-4	3-3	
							CCW	2-2	1-1	3-3	
THREE PHASE OPEN DELTA π	120 ++	50/60	0-120	5	1.04	7	1.46	CW	1-4-1	4-4	3-4-3
							CCW	4-1-4	1-1	3-1-3	
		0-140	5	1.21	—	—	CW	5-4-5	4-4	3-4-3	
							CCW	2-1-2	1-1	3-1-3	

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS .03 .002 .005 Holes .002 .005 ANGLES 1° DRAFT 1-1/2° UNITS IN [mm]

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER MODEL: 501C-2

DRAWN BY: TIM RAU DATE: 3/15/99 FIRST USED ON: DO NOT SCALE DWG. CUSTOMER APPROVAL: DATE:

CHECKER: DATE: WEIGHT APPROX. 10.5 LBS CODE IDENT. NO. 83008 DWG. NO. 031-0478

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

