



SCHMATIC
FUSE RECOMMENDED BUT NOT SUPPLIED

++ LINE TO LINE VOLTAGE

⌘ 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 TRANSFORMERS WILL BE DAMAGED.

■ JUMPER PROVIDED IN THE STANDARD COMMON POSITION AND SHOULD BE MOVED 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 SERIES	240	50/60	0-240	3.0	0.72	3.5	0.84	CW	2-2	1-1	3-3
		60	0-264	3.0	0.79	-	-	CCW	1-1	2-2	3-3
THREE PHASE OPEN DELTA ⌘	120	50/60	0-120	3.0	0.62	3.5	0.73	CW	2-1-2	1-1	3-1-3
		60	0-132	3.0	0.69	-	-	CCW	1-2-1	2-2	3-2-3
			++						CW	4-1-4	1-1

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±

DECIMALS	HOLES	ANGLES	DRAFT	UNITS
.XX	.0005	1°	1-1/2°	IN [mm]
.XXX	.005			

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING
VARIABLE TRANSFORMER
TYPE: 291-2

DRAWN BY: TIM RAU DATE: 6/6/02 FIRST USED ON: DO NOT SCALE DWG.

CHECKER: DATE: WEIGHT APPROX. 5.50 LBS. CAGE CODE 83008

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

DWG. NO. 031-0292

STACO ENERGY PRODUCTS CO.
A Components Corporation of Ametec Company
302 Gadsden Boulevard Dayton, Ohio 45403 USA