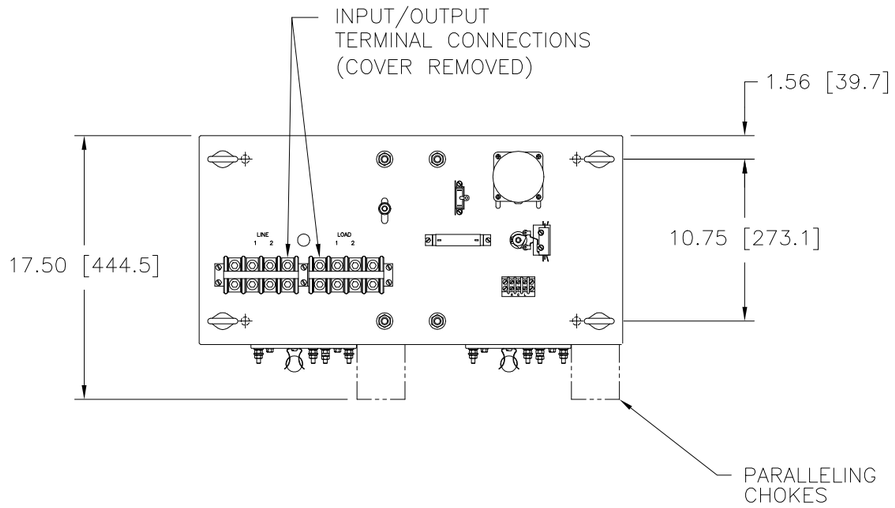
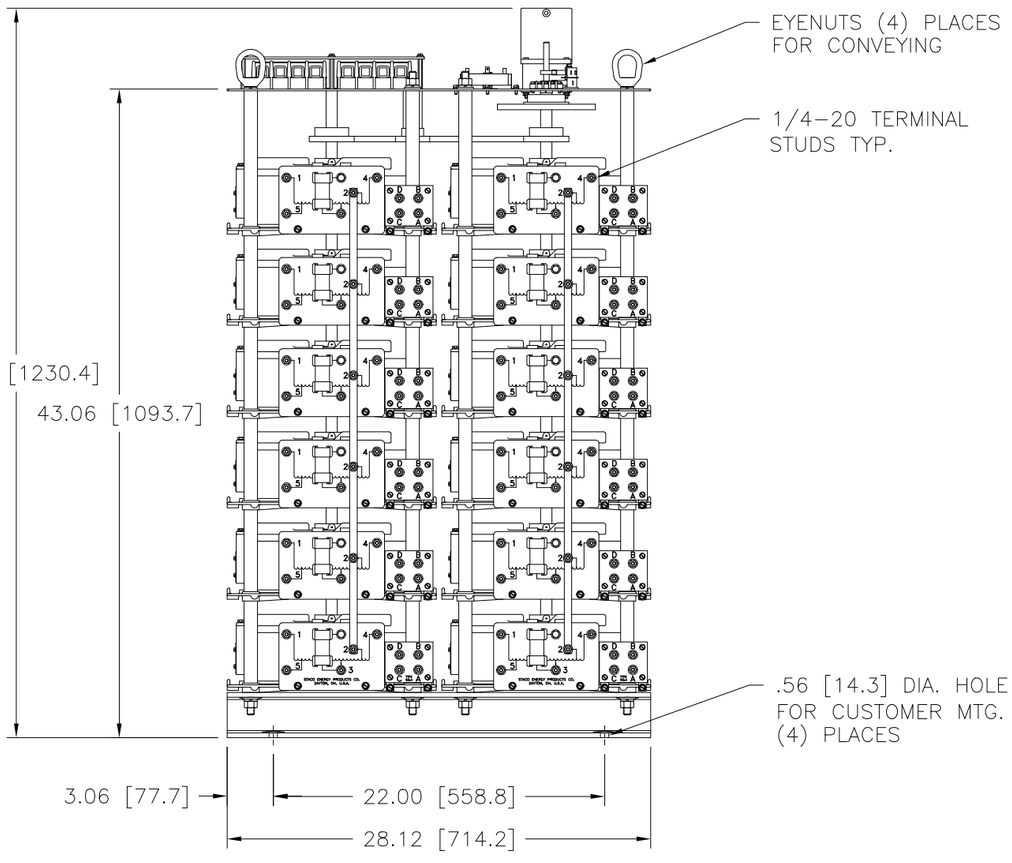
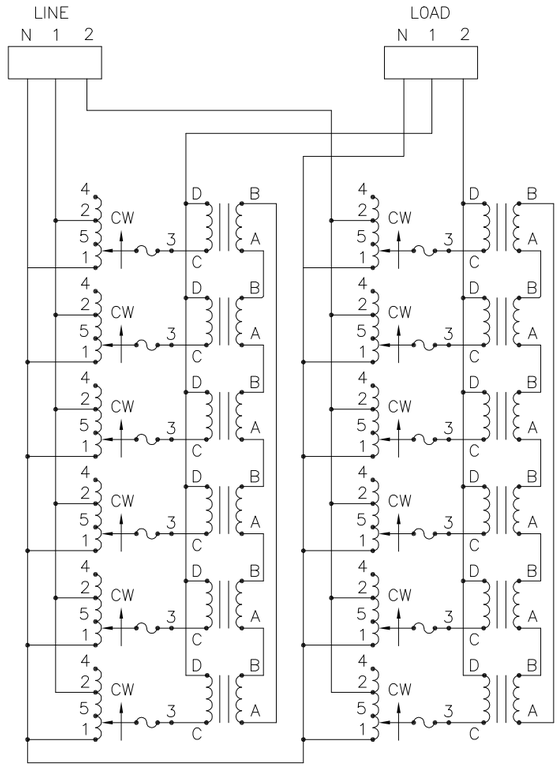
DWG. SIZE	DWG. NO.
D	032-8477

REVISIONS			
SYM.	E.C.N.	DATE	APVD.

Go to VARIAC.com
to purchase and for
technical support.
Made in the USA







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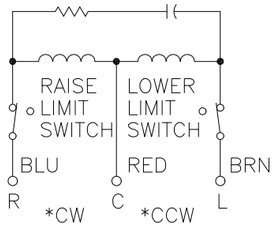

MOTOR CIRCUIT

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

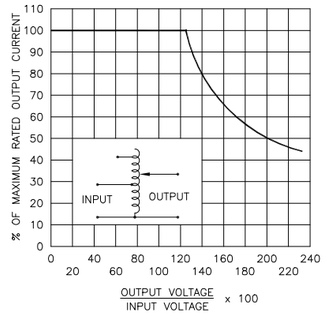

FIGURE A

MAXIMUM OUTPUT CURRENT OF ANY
DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER
UNIT OPERATED AT LOWER INPUT VOLTAGE.

* MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25% ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, OUTPUT CURRENT MUST BE REDUCED ACCORDING TO RATING CURVE, FIGURE A.

++ MAXIMUM KVA AT MAXIMUM OUTPUT AND CORRESPONDING DE-RATED CURRENT. MAXIMUM KVA AT LOWER OUTPUT VOLTAGES MAY BE CALCULATED FROM RATING CURVE, FIGURE A.

V.D. = VOLTAGE DOUBLER.

SPECIFICATIONS

WIRING	INPUT VOLTS	INPUT HERTZ	OUTPUT VOLTS	OUTPUT CONSTANT CURRENT LOAD MAX. AMPS	OUTPUT CONSTANT CURRENT LOAD MAX. KVA	SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM ROTOR END INPUT	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM ROTOR END OUTPUT
THREE PHASE OPEN DELTA	240	50/60	0-240	210	87.2	CW	4-1-4	D-1-D
			0-280	210	101.7	CW	2-1-2	D-1-D
	120	50/60	0-280	210*-90 V.D.	43.6 ++	CW	5-1-5	D-1-D

SPEED (SECONDS)	MODEL NUMBER
30	30M6020-12D
60	60M6020-12D

UNLESS OTHERWISE SPECIFIED. TOLERANCE IS ±
DECIMALS .XX .010 .12 .XXX .005 | HOLES .002 .03 | ANGLES 1° | DRAFT 1-1/2°
UNITS IN [mm]
MATERIAL
ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING
AUTO. VOLTAGE REGULATOR
TYPE: M6020-12D

STACO ENERGY PRODUCTS CO.
A COMPONENTS CORPORATION OF AMERICA COMPANY
DAYTON, OHIO U.S.A.

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DRAWN BY TIM RAU	DATE 10/19/00	FIRST USED ON	DO NOT SCALE DWG.	CUSTOMER APPROVAL / DATE
CHECKER	DATE	WEIGHT APPROX. 940 LBS.	CODE IDENT. NO. 83008	DWG. SIZE D / DWG. NO. 032-8477
ENGINEER	DATE	SCALE .2=1	SHEET 1 OF 1	