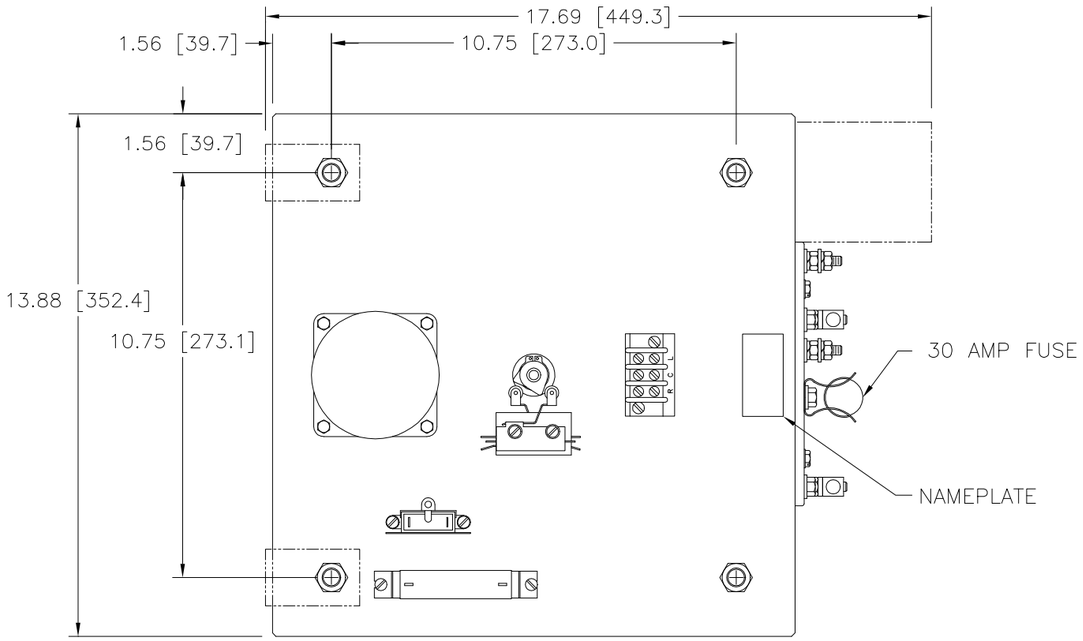
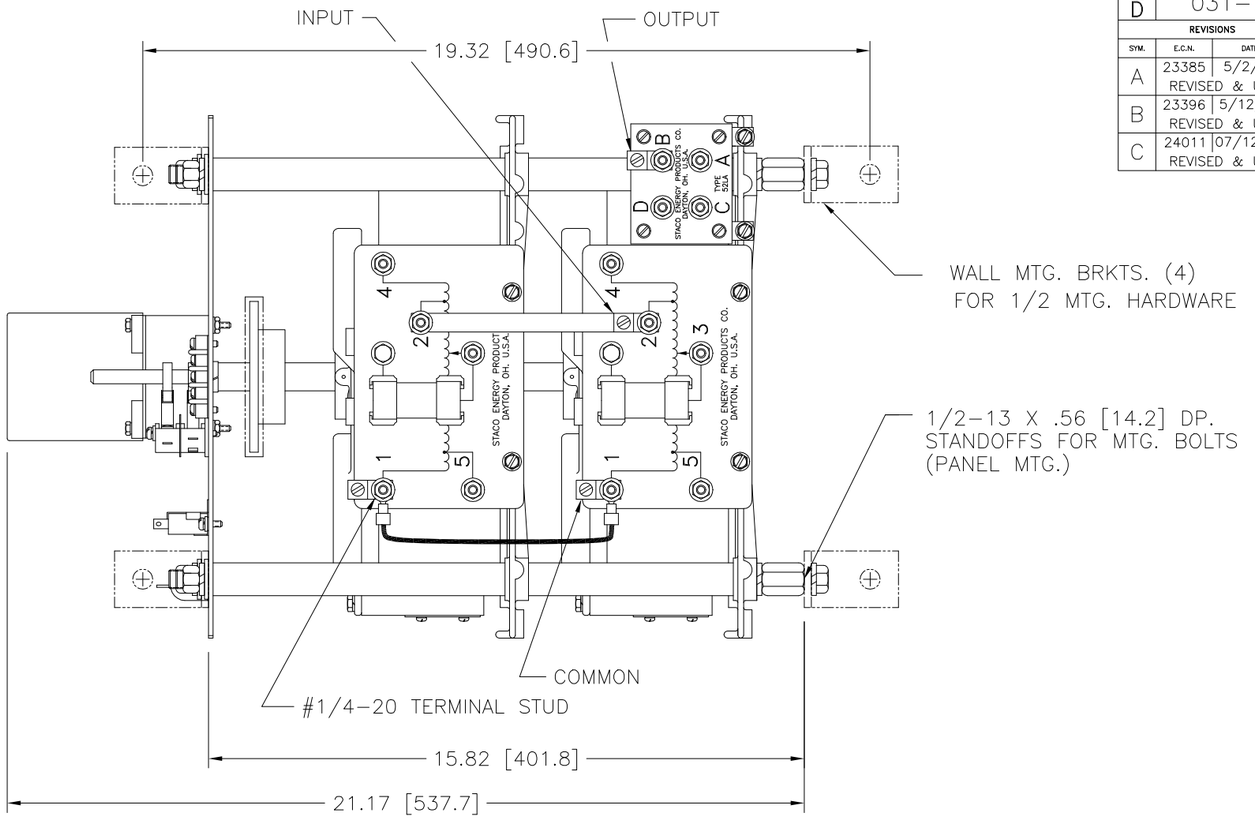
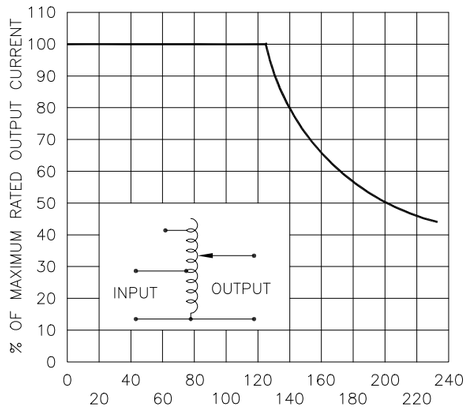
DWG. SIZE	DWG. NO.
D	031–7616

REVISIONS

SYM.	E.C.N.	DATE	APVD.
A	23385	5/2/97 REVISED & UPDATED	
B	23396	5/12/97 REVISED & UPDATED	
C	24011	07/12/99 REVISED & UPDATED	







$$\frac{\text{OUTPUT VOLTAGE}}{\text{INPUT VOLTAGE}} \times 100$$

FIGURE A

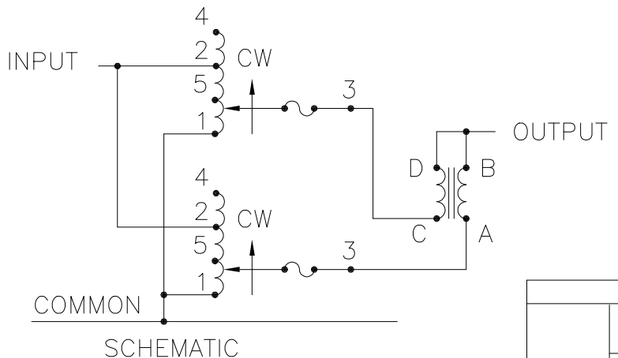
MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

120V, 50/60 HZ.

* ROTATION AS VIEWED FROM MOTOR END

SPEED: SEE CHART

MOTOR CIRCUIT



SCHEMATIC

* VOLTAGE DOUBLER

\# MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25 PERCENT ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, OUTPUT CURRENT MUST BE REDUCED ACCORDING TO RATING CURVE (SEE FIGURE A).

‡ MAXIMUM KVA AT MAXIMUM OUTPUT AND CORRESPONDING DE–RATED CURRENT. MAXIMUM KVA AT LOWER OUTPUT VOLTAGES MAY BE CALCULATED FROM RATING CURVE, (SEE FIGURE A).

SPEED (SECONDS)	MODEL NUMBER
15	15M5021–2P
30	30M5021–2P
60	60M5021–2P

SPECIFICATIONS

WIRING	INPUT		OUTPUT			SHAFT ROTATION FOR INCREASE VOLTAGE	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM ROTOR END		
	VOLTS	HERTZ	VOLTS	MAX. AMPS	MAX. KVA		INPUT		OUTPUT
SINGLE PHASE PARALLEL	240	50/60	0–240	56	13.4	CW	1–4		1–B
			0–280	56	15.7	CW	1–2		1–B
	120	50/60	0–280	*56–24# V.D.	6.8‡	CW	1–5		1–B

UNLESS OTHERWISE SPECIFIED. TOLERANCE IS ±
DECIMALS .XX .010 .XXX .005 HOLES .12 .002 ANGLES 1° DRAFT 1–1/2°

UNITS IN [mm]

ALL DIMENSIONS APPLY AFTER PLATING

MATERIAL :

TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER TYPE: M5021–2P

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

DRAWN BY	DATE	FIRST USED ON	DO NOT SCALE DWG.	CUSTOMER APPROVAL	DATE
TIM RAU	4/24/97				
CHECKER	DATE	WEIGHT APPROX.	CODE IDENT. NO. 83008	DWG. SIZE D	DWG. NO. 031–7616
ENGINEER	DATE	SCALE .5=1	SHEET 1 OF 1		