21.75 [552.4]

1.50 [38.1]

18.75 [476.3]

.56 [14.3] DIA. HOLE
4 PLACES ON BOTTOM
FLANGES FOR CUSTOMER
MOUNTING

3.13 [79.4]

LOUVER VENTS BOTH SIDES

18.75 [476.3]

INPUT
4 2 5 1 CW 3
D B
C A
OUTPUT

INPUT
4 2 5 1 CW 3
D B
C A
OUTPUT

COMMON
4 2 5 1 CW 3

SCHEMATIC

RAISE LIMIT SWITCH
LOWER LIMIT SWITCH
BLU   RED   BRN
R *CW   C *CCW   L

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

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

OUTPUT VOLTAGE / INPUT VOLTAGE × 100

22.27 [565.8]

25.00 [635.0]

NAMEPLATE

2 EYENUTS
FOR CONVEYING

ACCESS PANEL TO
FUSES & TERMINALS

52.50 [1333.5]

RECOMMENDED AREAS
FOR CONDUIT ENTRY.

MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO
20 % 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.

SPEED (SECONDS)	MODEL NUMBER
15	15M5021E-4PS
30	30M5021E-4PS
60	60M5021E-4PS

SPECIFICATIONS

WIRING	INPUT		OUTPUT			SHAFT ROTATION FOR VOLTAGE INCREASE	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM TOP	
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD			INPUT	OUTPUT
				MAX. AMPS	MAX. KVA			
SINGLE PHASE SERIES PARALLEL	480	50/60	0-480	56	26.9	CW	4-4	B-B
	480	50/60	0-560	56	31.4	CW	2-2	B-B
	240	50/60	0-560 V.D.	56# 24 V.D.	13.5 ++	CW	5-5	B-B

UNLESS OTHERWISE SPECIFIED. TOLERANCE IS ±				TITLE:	STACO ENERGY PRODUCTS CO.
DECIMALS .XX ±.010 .XXX ±.005	HOLES ±.12 ±.002	ANGLES 1° ±.03	DRAFT 1-1/2°	SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR. TYPE: M5021E-4PS	A COMPONENTS CORPORATION OF AMERICA COMPANY
	UNITS IN [mm]				DAYTON, OHIO U.S.A.

MATERIAL			ALL DIMENSIONS APPLY AFTER PLATING		

DRAWN BY TIM RAU	DATE 1/15/98	FIRST USED ON	DO NOT SCALE DWG.	CUSTOMER APPROVAL	DATE
CHECKER	DATE	WEIGHT APPROX.	CODE IDENT. NO. 83008	DWG. SIZE D	DWG. NO. 031-7746
ENGINEER	DATE	SCALE .2=1	SHEET 1 OF 1		