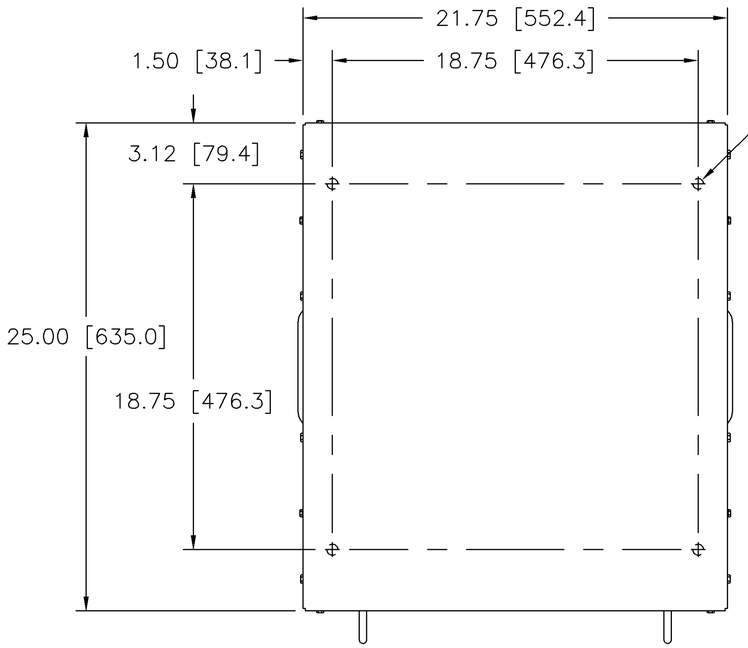
DWG. SIZE	DWG. NO. 031-8292		
REVISIONS			
SYM.	E.C.N.	DATE	APV'D.
A	26965	2/24/09	
	REMOVED EYE NUTS		



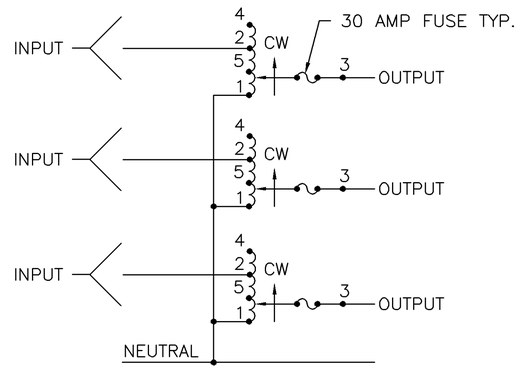
CONTROLS:

MICROTERMINAL: THE TERMINAL IS PROVIDED FOR LOCAL CONTROL OF THE UNIT WITH AN LCD DISPLAY FOR OUTPUT VOLTAGE READINGS. SEE THE MP USER'S HANDBOOK (FORM #003-1622) FOR DETAILED INFORMATION.

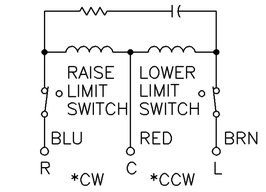
CONTROLLER ON/OFF SWITCH: THIS SWITCH TURNS OFF POWER TO THE MICROPROCESSOR CONTROLLER ONLY.

MOTOR ON/OFF SWITCH: THIS SWITCH TURNS OFF POWER FROM THE MICROPROCESSOR TO EACH OF THE AUTOTRANSFORMER MOTORS.

RAISE/LOWER SWITCH: THE SWITCH IS LOCATED INTERNALLY AND IS ACCESSIBLE FROM THE FRONT VIA THE REMOVABLE ACCESS PANEL. THE SWITCH ALLOWS THE REGULATOR TO BE MANUALLY CONTROLLED.



SCHEMATIC



MOTOR CIRCUIT

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

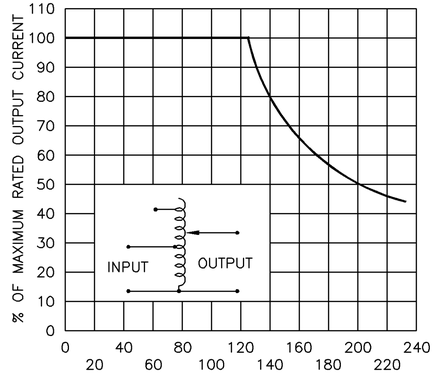


FIGURE A

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

* 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).

V.D. = VOLTAGE DOUBLER.

SPEED (SECONDS)	MODEL NUMBER
5	MV5M5021E-3Y
15	MV15M5021E-3Y
30	MV30M5021E-3Y
60	MV60M5021E-3Y

SPECIFICATIONS

WIRING	INPUT VOLTS	INPUT HERTZ	OUTPUT VOLTS	OUTPUT CONSTANT CURRENT LOAD MAX. AMPS	OUTPUT CONSTANT CURRENT LOAD MAX. KVA	SHAFT ROTATION FOR VOLTAGE INCREASE	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM TOP INPUT	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM TOP OUTPUT
THREE PHASE WYE	480	50/60	0-480	28	23.3	CW	4-4-4	3-3-3
		60	0-560	28	27.2	CW	2-2-2	3-3-3
	240	60	0-560	*28-12 V.D.	11.8 ++	CW	5-5-5	3-3-3

UNLESS OTHERWISE SPECIFIED. TOLERANCE IS ± DECIMALS .XX .13 .12 .03 .XXX .005 HOLES ANGLES 1° DRAFT 1-1/2°

UNITS IN [mm]

ALL DIMENSIONS APPLY AFTER PLATING

MATERIAL :

TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR. MVM5021E-3Y

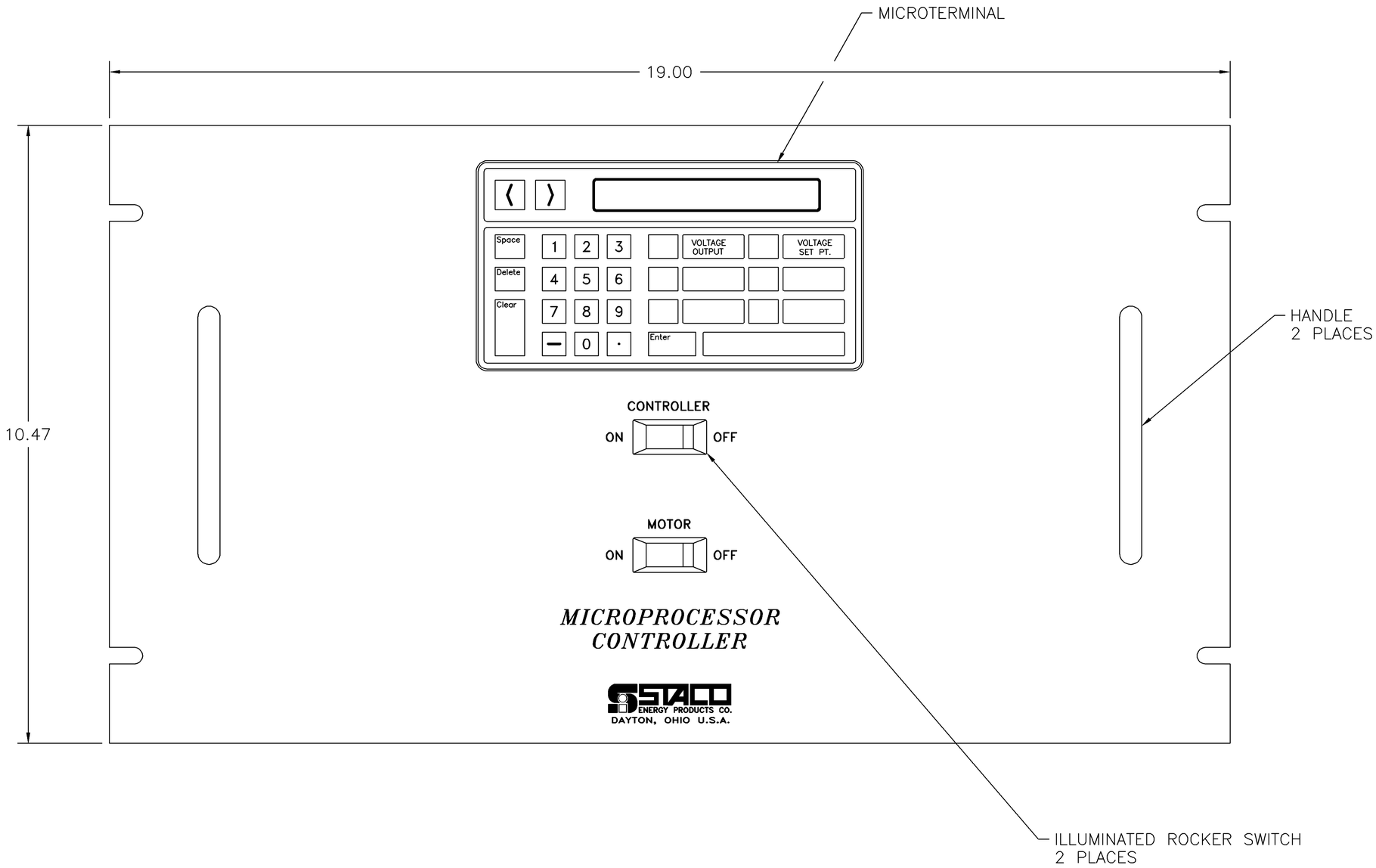
STACO ENERGY PRODUCTS CO.
A Components Corporation of America Company
301 Gaddis Boulevard Dayton, Ohio 45403 USA

DRAWN BY	DATE	FIRST USED ON	DO NOT SCALE DWG.
F. SEALE	9/29/98		
CHECKER	DATE	WEIGHT APPROX.	CAGE CODE 83008
ENGINEER	DATE	SCALE .25=1	SHEET 1 OF 2

DWG. SIZE D DWG. NO. 031-8292

DWG. SIZE	DWG. NO.
D	031-8292

REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	26965	2/24/09	
	SEE SHEET #1		



UNLESS OTHERWISE SPECIFIED. TOLERANCE IS ± DECIMALS .XX .03 .XXX .005 HOLES .005 ANGLES 1° DRAFT 1-1/2°	UNITS IN [mm]	TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR. MVM5021E-3Y	STACO ENERGY PRODUCTS CO. A Components Corporation of America Company 301 Gaddis Boulevard Dayton, Ohio 45403 USA
MATERIAL :	ALL DIMENSIONS APPLY AFTER PLATING		
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	CHECKER / DATE / WEIGHT APPROX. / CAGE CODE 83008		DWG. SIZE D / DWG. NO. 031-8292
	ENGINEER / DATE / SCALE 1=1 / SHEET 2 OF 2		