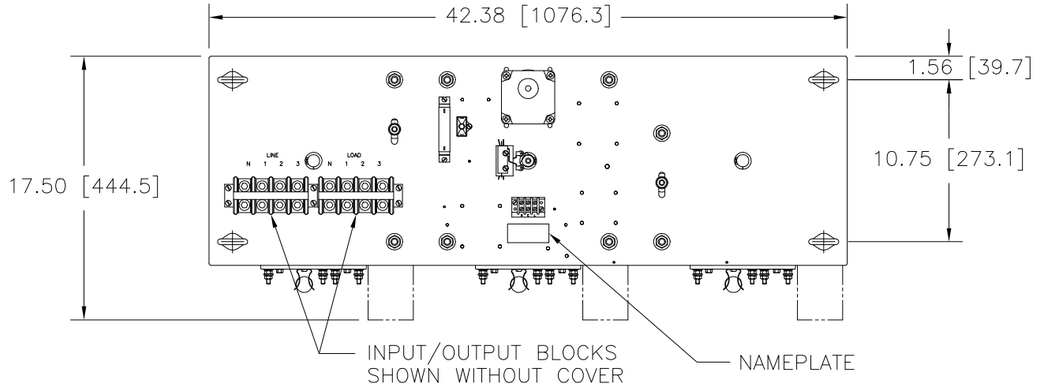
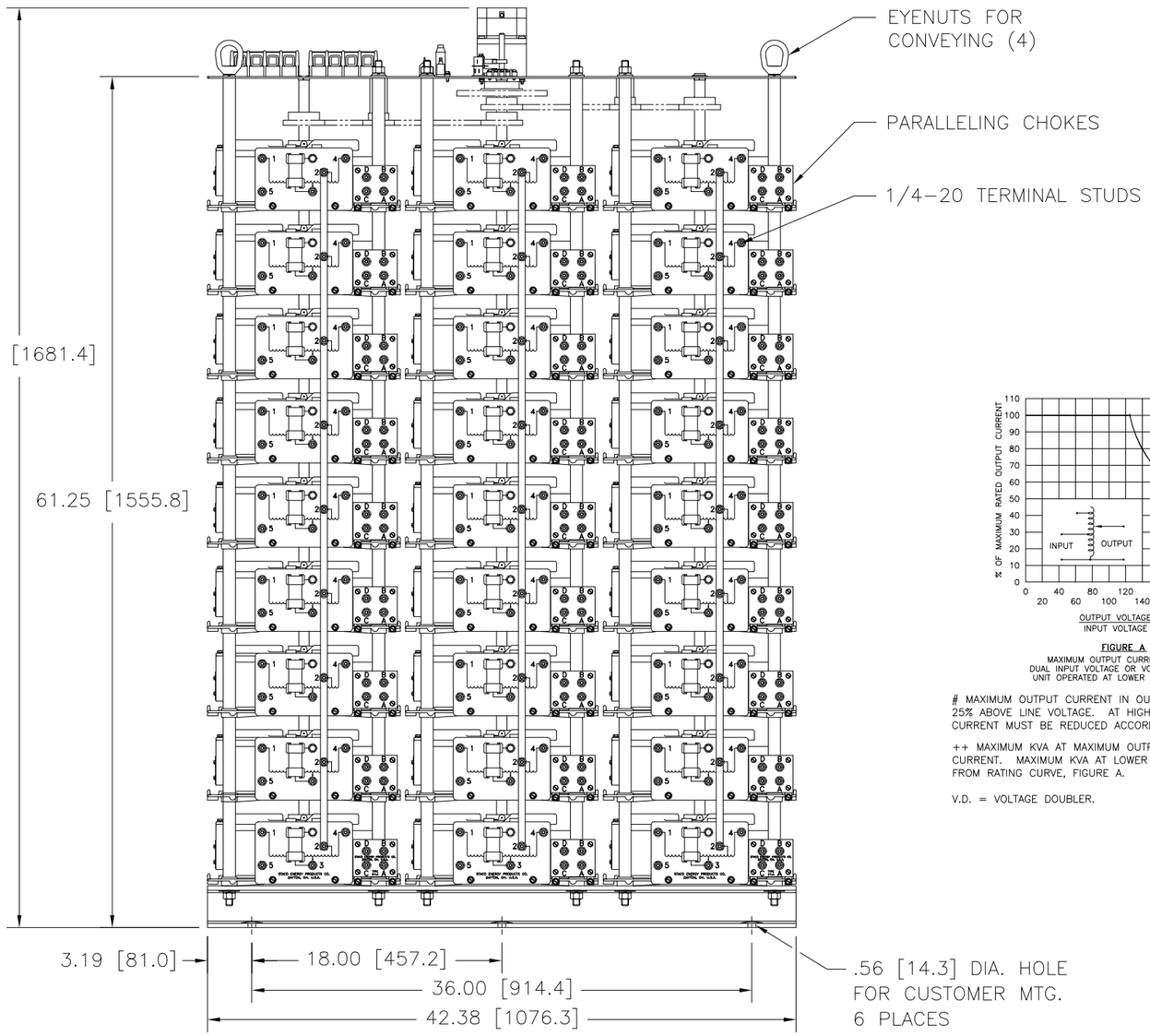
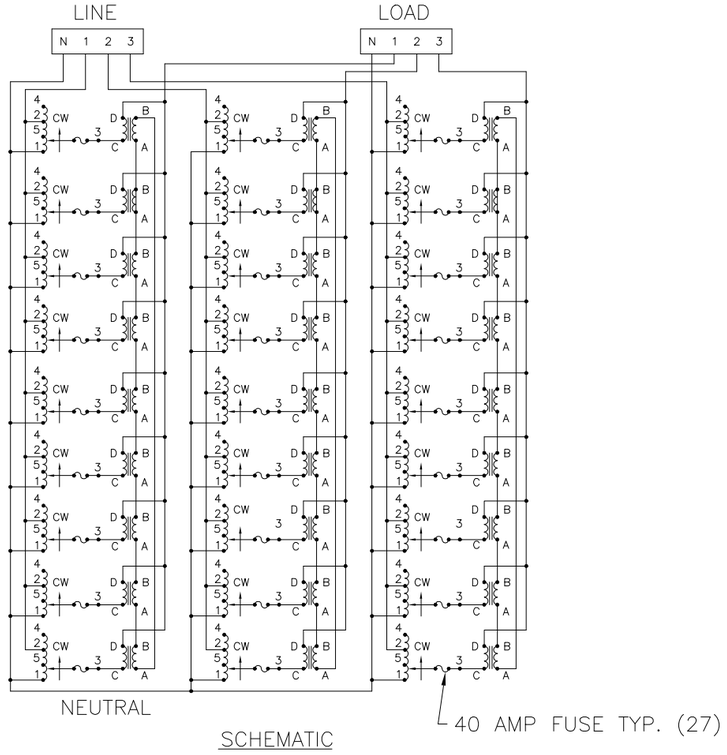
DWG. SIZE	DWG. NO.
D	032-8746

REVISIONS			
SYM.	E.C.N.	DATE	APVD.
B	23498	9/18/97	
	REVISED & REDRAWN		
C	24482	1/24/01	
	REVISED & UPDATED		
D	24936	11/8/02	
	UPDATED TO NEW MTR.		







SCHEMATIC

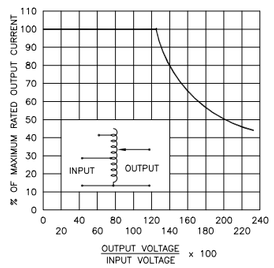


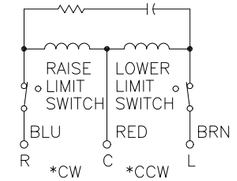
FIGURE A

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.



MOTOR CIRCUIT

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

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	315	261.6	CW	4-4-4	D-D-D
		60	0-560	315	305.2	CW	2-2-2	D-D-D
	240	60	0-560	315# 135 V.D.	130.8 ++	CW	5-5-5	D-D-D

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 MOTORIZED VARIABLE XFMR. TYPE: 60M6020-27Y

DRAWN BY	DATE	FIRST USED ON	DO NOT SCALE DWG.
TIM RAU	9/18/97		
CHECKER	DATE	WEIGHT APPROX. 2293 LBS.	CAGE CODE 83008
ENGINEER	DATE	SCALE .2=1	SHEET 1 OF 1

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

DWG. SIZE D DWG. NO. 032-8746