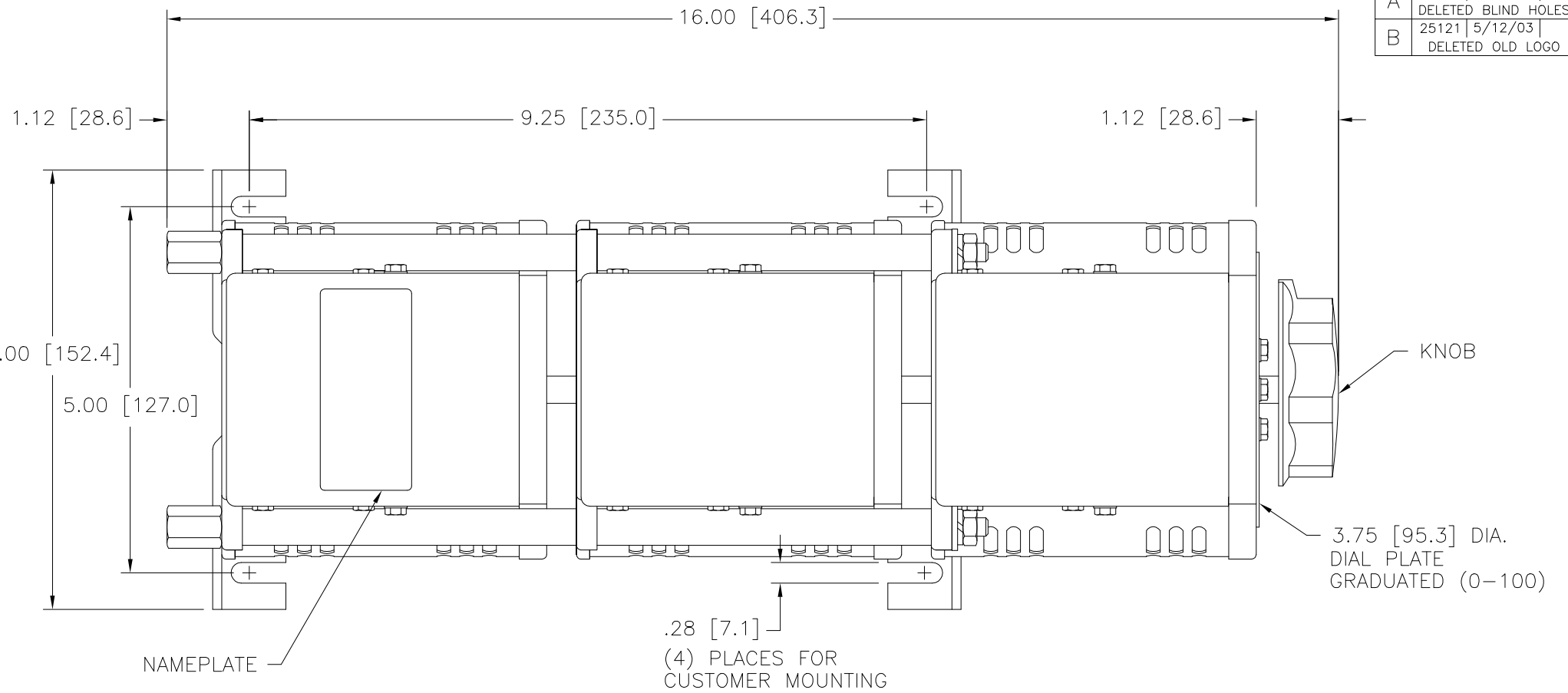
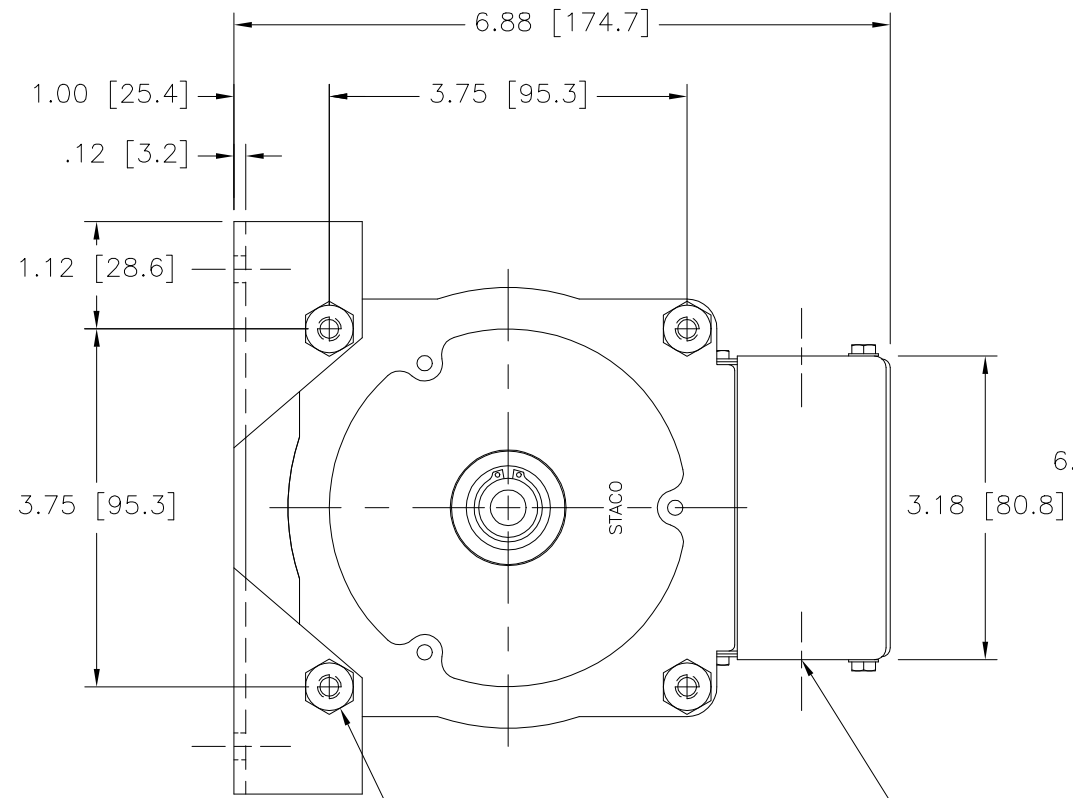
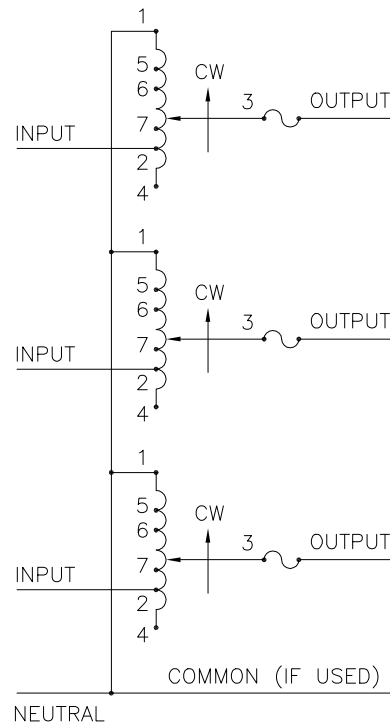


DWG. NO.	031-2376		
REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	24194	3/21/00	DELETED BLIND HOLES
B	25121	5/12/03	DELETED OLD LOGO



(4) STANDOFFS TAPPED  
1/4-28 X .38 [9.5] DEEP  
FOR MOUNTING BOLTS

.88 [22.2] DIA. KNOCKOUT  
(7) PLACES FOR  
WIRING CONNECTIONS



COMMON (IF USED)  
SCHEMATIC  
FUSE RECOMMENDED BUT NOT SUPPLIED

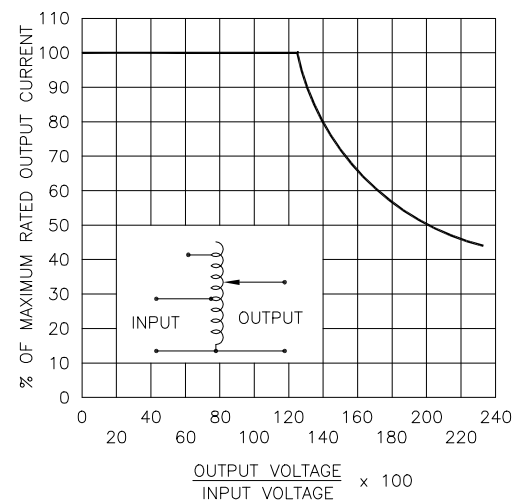


FIGURE A  
MAXIMUM OUTPUT CURRENT OF ANY  
DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER  
UNIT OPERATED AT LOWER INPUT VOLTAGE.

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

§ MAXIMUM KVA AT MAXIMUM OUTPUT VOLTAGE AND CORRESPONDING DERATED OUTPUT CURRENT. MAXIMUM KVA FOR LOWER VOLTAGES MAY BE CALCULATED FROM DERATING CURVE FIGURE A.

π IF GANGED UNITS ARE USED IN A SYSTEM THAT ORDINARILY HAS A COMMON NEUTRAL OR GROUND BETWEEN SOURCE AND LOAD, THE NEUTRAL OR GROUND MUST BE CONNECTED TO THE COMMON TERMINALS OF THE VARIABLE TRANSFORMER ASSEMBLY. IF THE SYSTEM HAS NO NEUTRAL, THE LOAD MUST BE BALANCED OR THE TRANSFORMER WILL BE DAMAGED.

■ JUMPER PROVIDED IN STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.

++ LINE TO LINE VOLTAGE.

SPECIFICATIONS											
WIRING	INPUT		OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS			
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD	CONSTANT IMPEDANCE LOAD	FOR INCREASING VOLTAGE AS VIEWED FROM BASE END ■		INPUT	JUMPER	OUTPUT	
THREE PHASE WYE π	480 ++	50/60	0-480	3.5	2.91	5.0	4.16	CW	1-1-1	4-4-4	3-3-3
		60	0-560	3.5	3.40	—	—	CCW	4-4-4	1-1-1	3-3-3
	240 ++	60	0-560	3.5#	1.46§	—	—	CCW	2-2-2	1-1-1	3-3-3
				—	—	—	—	CCW	7-7-7	4-4-4	3-3-3
UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±			UNITS				TITLE: SPEC. CONTROL DRAWING				
DECIMALS			IN [mm]				VARIABLE TRANSFORMER				
.XX .0005-.001			DRAFT 1-1/2"				MODEL: 1020BCT-3				
HOLES .002			ALL DIMENSIONS APPLY AFTER PLATING				DRAWN BY S.A. SMITH				
ANGLES 1°			DATE 9/23/97				FIRST USED ON				
			CAGE CODE 83008				DO NOT SCALE DWG.				
			WEIGHT APPROX. 34.5 LBS				CHECKER				
			SCALE 1=1				ENGINEER				
			SHEET 1 OF 1				DWG. NO. 031-2376				

