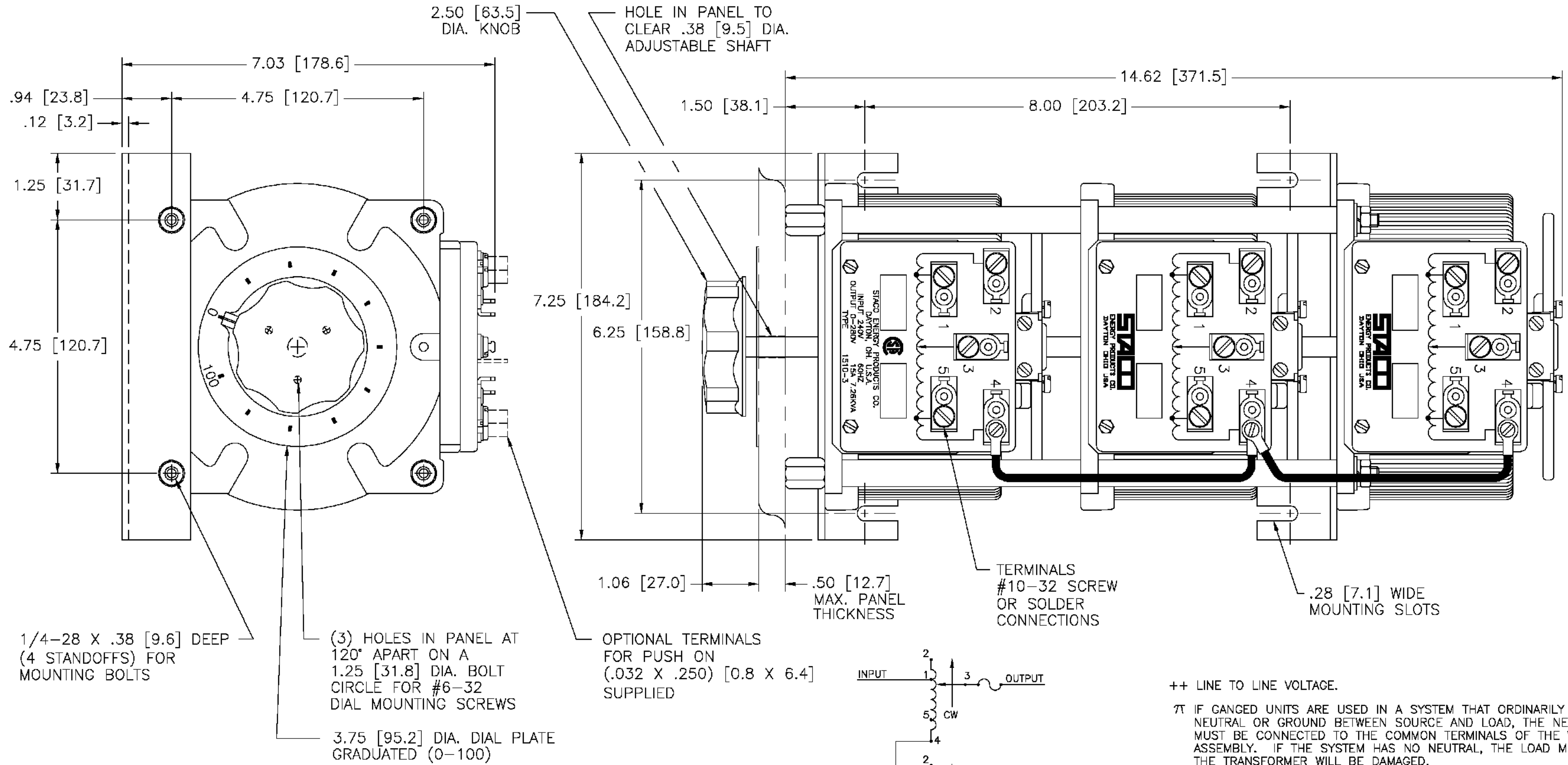
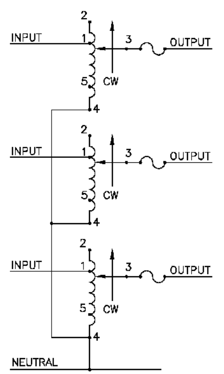
DWG. SIZE	DWG. NO.		
D	031-3625		
REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	24892	7/17/02	
	REDRAWN TO CAD		
B	25594	10/25/05	
	MOVED INPUT FROM 5 TO 1		
C	25797	10/13/06	
	ADDED CSA LOGO		



2.50 [63.5] DIA. KNOB
HOLE IN PANEL TO CLEAR .38 [9.5] DIA. ADJUSTABLE SHAFT
7.03 [178.6]
.94 [23.8]
4.75 [120.7]
.12 [3.2]
14.62 [371.5]
1.50 [38.1]
8.00 [203.2]
1.25 [31.7]
4.75 [120.7]
7.25 [184.2]
6.25 [158.8]
0
100
STACO ENERGY PRODUCTS CO.
DAYTON, OH. U.S.A.
INPUT 240V 60HZ
OUTPUT 0-280V 15A 7.26KVA
TYPE 1510-3
1.06 [27.0]
.50 [12.7] MAX. PANEL THICKNESS
TERMINALS #10-32 SCREW OR SOLDER CONNECTIONS
.28 [7.1] WIDE MOUNTING SLOTS
1/4-28 X .38 [9.6] DEEP (4 STANDOFFS) FOR MOUNTING BOLTS
(3) HOLES IN PANEL AT 120° APART ON A 1.25 [31.8] DIA. BOLT CIRCLE FOR #6-32 DIAL MOUNTING SCREWS
3.75 [95.2] DIA. DIAL PLATE GRADUATED (0-100)
OPTIONAL TERMINALS FOR PUSH ON (.032 X .250) [0.8 X 6.4] SUPPLIED



SCHEMATIC

THREE PHASE WYE
FUSES RECOMMENDED BUT NOT SUPPLIED

++ LINE TO LINE VOLTAGE.

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.

SPECIFICATIONS

WIRING	INPUT		OUTPUT					SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM BASE END ■		
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD					
				MAX. AMPS	MAX. KVA	MAX. AMPS	MAX. KVA		INPUT	JUMPER	OUTPUT
THREE PHASE WYE π	240 ++	50/60	0-240	15	6.22	20	8.30	CW	2-2-2	4-4-4	3-3-3
								CCW	4-4-4	2-2-2	3-3-3
		60	0-280	15	7.26	—	—	CW	1-1-1	4-4-4	3-3-3
								CCW	5-5-5	2-2-2	3-3-3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±
DECIMALS .XX .010=.08 .XXX .005 HOLES .005 ANGLES 1° DRAFT 1-1/2°

UNITS IN [mm]

MATERIAL:

ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING
VARIABLE TRANSFORMER
TYPE: 1510-3

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

DRAWN BY TIM RAU	DATE 7/17/02	FIRST USED ON	DO NOT SCALE DWG.
CHECKER	DATE	WEIGHT APPROX. 55.50 LBS.	CAGE CODE 83008
ENGINEER	DATE	SCALE 1=1	SHEET 1 OF 1

DWG. SIZE D — DWG. NO. 031-3625