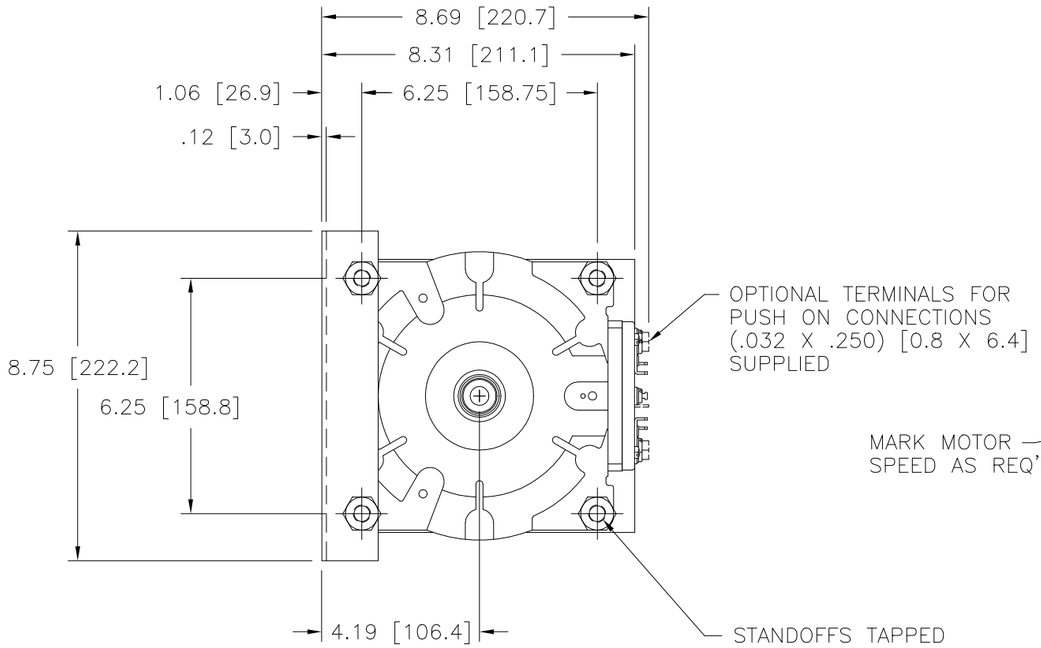
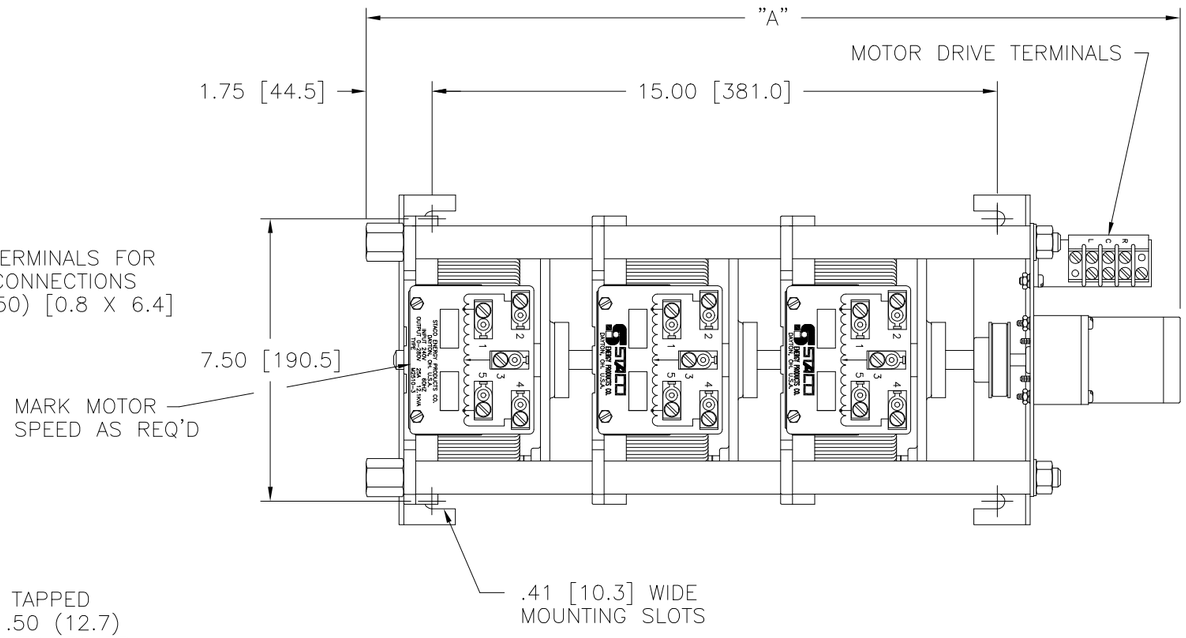
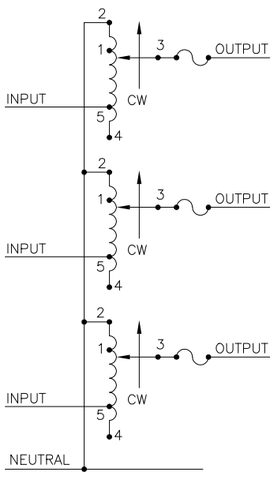
DWG. SIZE	DWG. NO.
D	031-5165

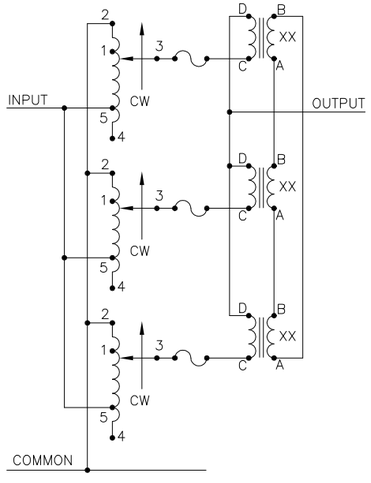
REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	24043	8/20/99 REVISED & UPDATED	







SCHEMATIC
THREE PHASE WYE
FUSES RECOMMENDED BUT NOT SUPPLIED



SCHEMATIC
SINGLE PHASE PARALLEL
FUSES RECOMMENDED BUT NOT SUPPLIED

NOTES:

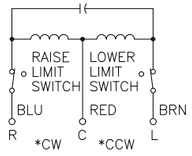
π IF GANGED UNITS ARE USED IN A SYSTEM THAT ORDINARILY HAS A COMMON NEUTRAL OR GROUND BETWEEN SOURCE AND LOAD, THE NEUTRAL OR GROUND MUST BE CONNECTED TO THE COMMON TERMINALS OF THE VARIABLE TRANSFORMER ASSEMBLY. IF THE SYSTEM HAS NO NEUTRAL, THE LOAD MUST BE BALANCED OR THE TRANSFORMER WILL BE DAMAGED.

XX REQUIRES THREE 51LAC PARALLELING CHOKES.

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

\+ MOTOR DRIVEN UNITS USE TERMINAL CONNECTIONS FOR CCW INCREASING VOLTAGE, AS VIEWED FROM THE BASE END.

++ LINE TO LINE VOLTAGE.



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

SPEED (SECONDS)	MODEL NUMBER	DIM "A"
5	5M2510-3 +	21.23 [539.2]
15	15M2510-3 +	21.23 [539.2]
30	30M2510-3 +	21.62 [549.1]
60	60M2510-3 +	21.62 [549.1]

SPECIFICATIONS

WIRING	INPUT VOLTS	INPUT HERTZ	OUTPUT VOLTS	CONSTANT CURRENT LOAD MAX. AMPS	CONSTANT CURRENT LOAD MAX. KVA	CONSTANT IMPEDANCE LOAD MAX. AMPS	CONSTANT IMPEDANCE LOAD MAX. KVA	SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM BASE END: INPUT	JUMPER ■	OUTPUT
THREE PHASE WYE π	240 ++	50/60	0-240	25	10.40	30	12.5	CW	2-2-2	4-4-4	3-3-3
								CCW	4-4-4	4-4-4	3-3-3
		60	0-280	25	12.10	——	——	CW	1-1-1	4-4-4	3-3-3
								CCW	5-5-5	4-4-4	3-3-3
SINGLE PHASE PARALLEL XX	120	50/60	0-120	75	9.00	90	10.8	CW	2-2-2 4-4-4	–	4-D
								CCW	2-2-2 4-4-4	–	2-D
			0-140	75	10.50	——	——	CW	1-1-1 4-4-4	–	4-D
								CCW	2-2-2 5-5-5	–	2-D

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±
DECIMALS .XX .06 .XXX .005 HOLES .01 ANGLES 1° DRAFT 1-1/2°
UNITS IN [mm]
ALL DIMENSIONS APPLY AFTER PLATING
MATERIAL

TITLE: SPEC. CONTROL DRAWING
MOTORIZED VARIABLE XFMR.
TYPE: M2510-3

STACO ENERGY PRODUCTS CO.
A COMPONENTS CORPORATION OF AMERICA COMPANY
DAYTON, OHIO U.S.A.

DRAWN BY	DATE	FIRST USED ON	DO NOT SCALE DWG.	CUSTOMER APPROVAL	DATE
TIM RAU	8/19/99				
CHECKER	DATE	WEIGHT APPROX. 78 LBS.	CODE IDENT. NO. 83008	DWG. SIZE D	DWG. NO. 031-5165
ENGINEER	DATE	SCALE .5=1	SHEET 1 OF 1		