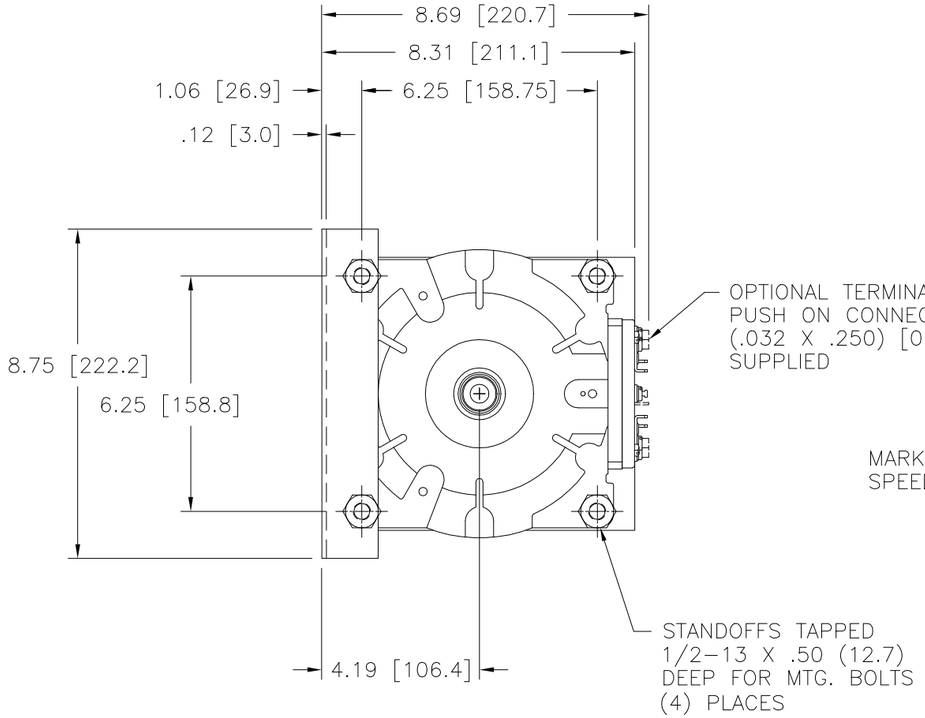
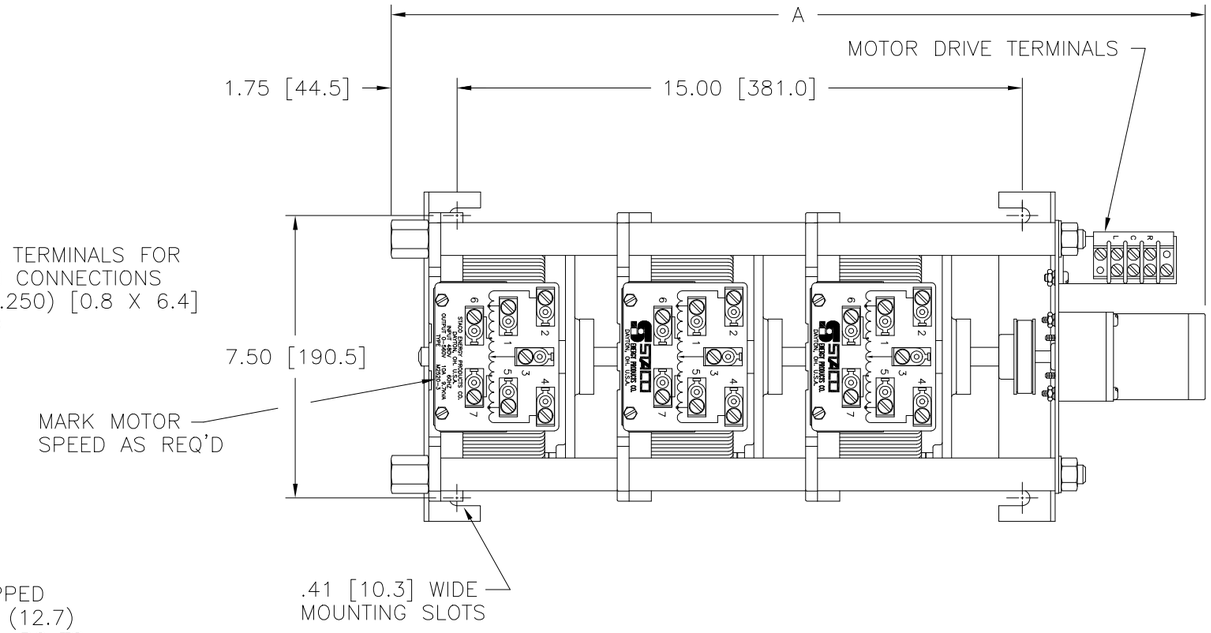
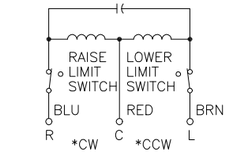
DWG. SIZE	DWG. NO.
D	031–5665

REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	23899	12/21/98	UPDATED DIMENSIONS

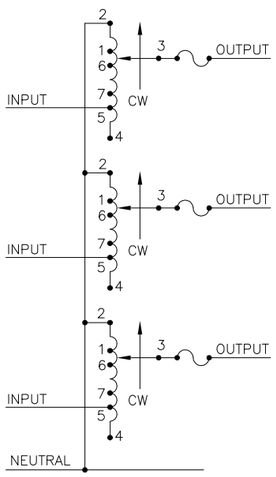




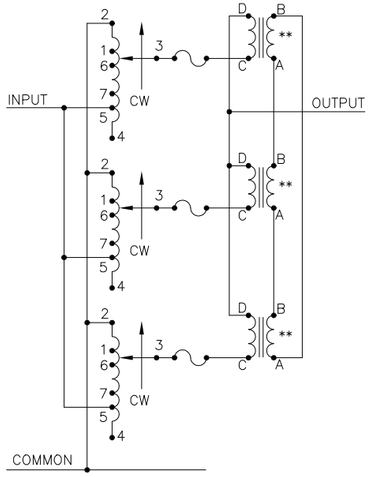


MOTOR CIRCUIT
120V, 50/60 HZ
* ROTATION AS VIEWED FROM MOTOR END
MOTOR SPEED: SEE CHART

SPEED (SECONDS)	MODEL NUMBER	DIM "A"
5	5M2520–3	21.23 [539.2]
15	15M2520–3	21.23 [539.2]
30	30M2520–3	21.62 [549.1]
60	60M2520–3	21.62 [549.1]



SCHEMATIC
THREE PHASE WYE
FUSES RECOMMENDED BUT NOT SUPPLIED



SCHEMATIC
SINGLE PHASE PARALLEL
FUSES RECOMMENDED BUT NOT SUPPLIED

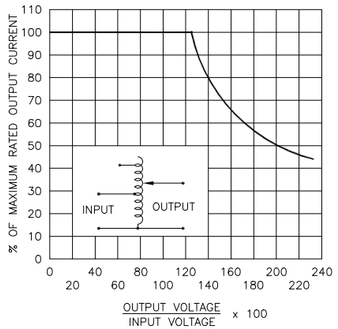


FIGURE A
MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

SPECIFICATIONS											
WIRING	INPUT VOLTS	INPUT HERTZ	OUTPUT VOLTS	OUTPUT CONSTANT CURRENT LOAD MAX. AMPS	OUTPUT CONSTANT CURRENT LOAD MAX. KVA	OUTPUT CONSTANT IMPEDANCE LOAD MAX. AMPS	OUTPUT CONSTANT IMPEDANCE LOAD MAX. KVA	SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS + FOR INCREASING VOLTAGE AS VIEWED FROM BASE END ■ INPUT	JUMPER	OUTPUT
SINGLE PHASE PARALLEL **	240	50/60	0–240	30	7.20	39	9.30	CW	2–2–2, 4–4–4	———	4–D
								CCW	2–2–2, 4–4–4	———	2–D
			0–280	30	8.40	———	———	CW	1–1–1, 4–4–4	———	4–D
								CCW	5–5–5, 2–2–2	———	2–D
	120	50/60	0–280	30#	3.60 §	———	———	CW	7–7–7, 4–4–4	———	4–D
								CCW	6–6–6, 2–2–2	———	2–D
THREE PHASE WYE π	480 ++	50/60	0–480	10	8.30	13	10.81	CW	2–2–2	4–4–4	3–3–3
								CCW	4–4–4	2–2–2	3–3–3
		60	0–560	10	9.70	———	———	CW	1–1–1	4–4–4	3–3–3
								CCW	5–5–5	2–2–2	3–3–3
	240 ++	60	0–560	10#	4.20 §	———	———	CW	7–7–7	4–4–4	3–3–3
								CCW	6–6–6	2–2–2	3–3–3

\# 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.

++ LINE TO LINE VOLTAGE.

** REQUIRES THREE 52LAC PARALLELING CHOKE (NOT SUPPLIED).

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.

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

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: M2520–3

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	8/6/97				
CHECKER	DATE	WEIGHT APPROX. 78 LBS.	CODE IDENT. NO. 83008	DWG. SIZE D	DWG. NO. 031–5665
ENGINEER	DATE	SCALE .5=1	SHEET 1 OF 1		

AMEYA360
Components Supply Platform

Authorized Distribution Brand :

Website :

Welcome to visit www.ameya360.com

Contact Us :

- Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

- Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

- Customer Service :

Email service@ameya360.com

- Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com