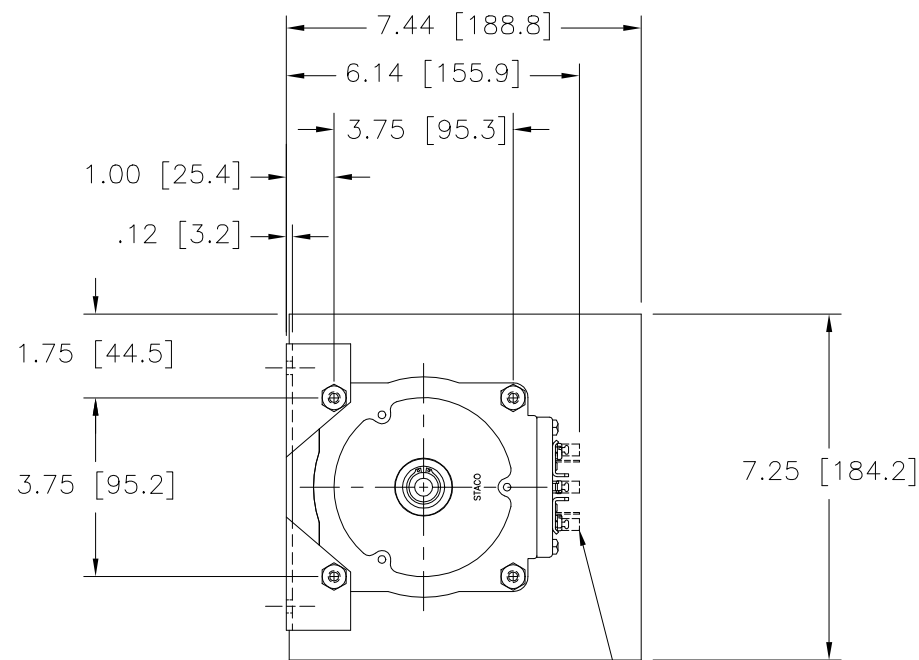
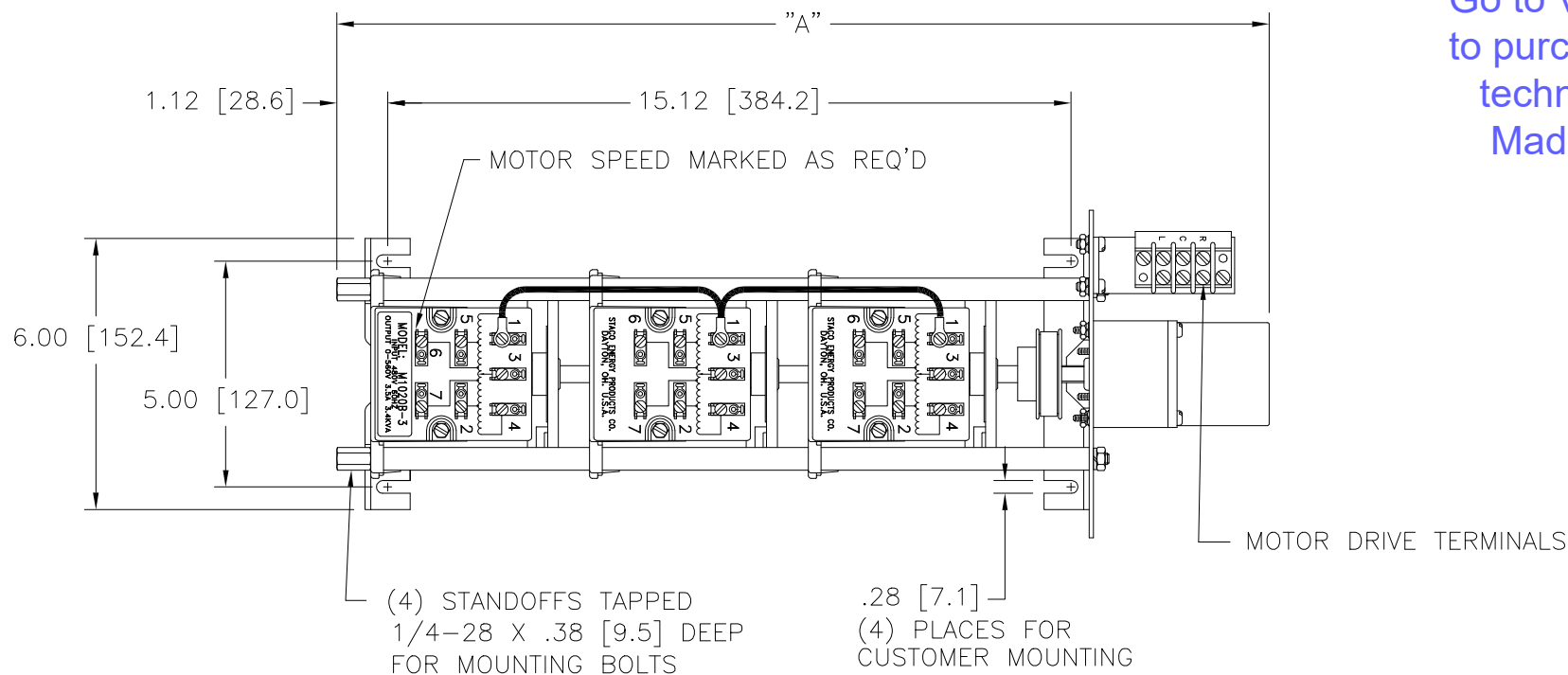


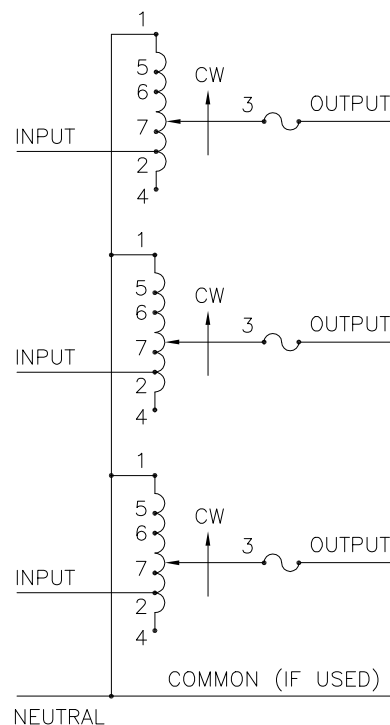
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 technical support.
 Made in the USA



OPTIONAL TERMINALS
 FOR PUSH ON OR
 SOLDER CONNECTIONS
 (.032 X .250) [.08 X 6.4]



- # 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.
- ∏ 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.
- + MOTOR DRIVEN UNITS USE TERMINAL CONNECTIONS FOR CCW INCREASING VOLTAGE, AS VIEWED FROM BASE END.



NEUTRAL
 SCHEMATIC
 FUSE RECOMMENDED BUT NOT SUPPLIED

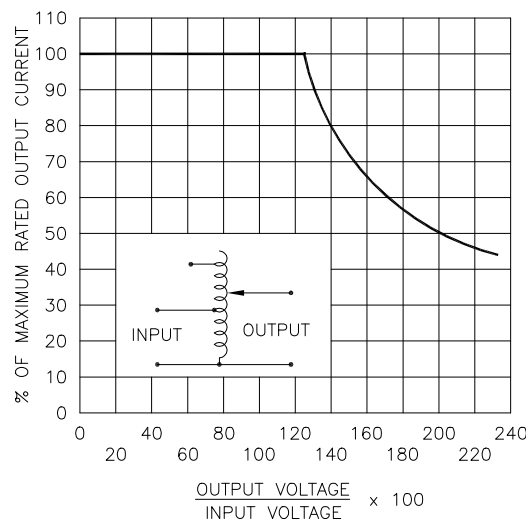
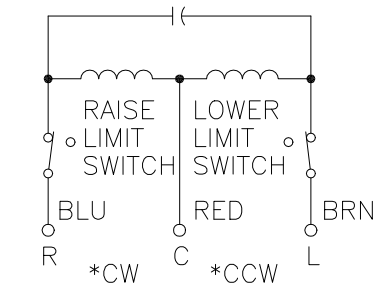


FIGURE A
 MAXIMUM OUTPUT CURRENT OF ANY
 DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER
 UNIT OPERATED AT LOWER INPUT VOLTAGE.



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

SPEED (SECONDS)	MODEL NUMBER	DIM "A"
5	5M1020B-3	20.25 [514.2]
15	15M1020B-3	20.25 [514.2]
30	30M1020B-3	20.64 [524.2]
60	60M1020B-3	20.64 [524.2]

SPECIFICATIONS												
WIRING	INPUT		OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS				
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD MAX. AMPS	CONSTANT IMPEDANCE LOAD MAX. KVA	MAX. AMPS		MAX. KVA	FOR INCREASING VOLTAGE AS VIEWED FROM BASE END +			
THREE PHASE WYE ∏	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 §	—	—	CW	5-5-5	4-4-4	3-3-3	
								CCW	2-2-2	1-1-1	3-3-3	
								CCW	7-7-7	4-4-4	3-3-3	
									CCW	6-6-6	1-1-1	3-3-3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS HOLES .002 ANGLES DRAFT 1° 1-1/2° MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING
 MOTORIZED VARIABLE XFMR
 MODEL: M1020B-3

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

DRAWN BY S.A. SMITH	DATE 9/24/97	FIRST USED ON	DO NOT SCALE DWG.	CUSTOMER APPROVAL	DATE
CHECKER	DATE	WEIGHT APPROX. 40 LBS	CODE IDENT. NO. 83008	DWG. NO. D	DWG. NO. 031-2476
ENGINEER	DATE	SCALE .50=1	SHEET 1 OF 1		

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