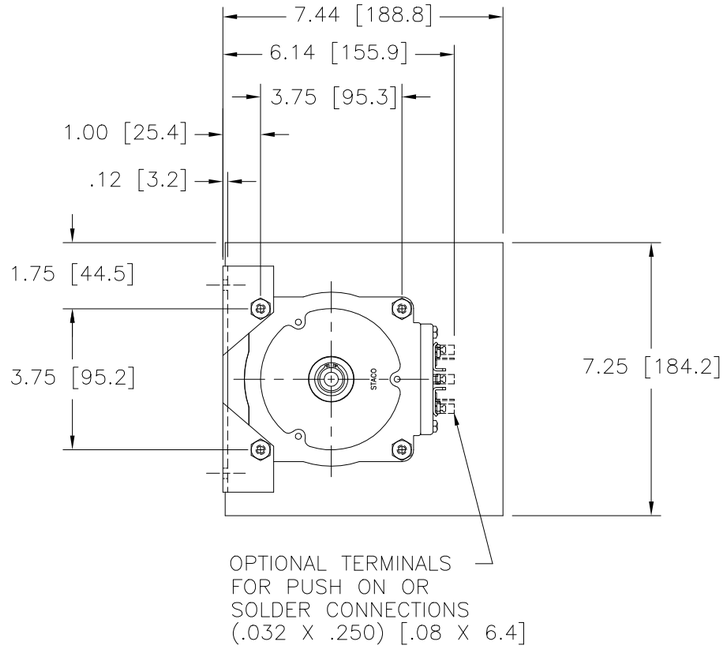
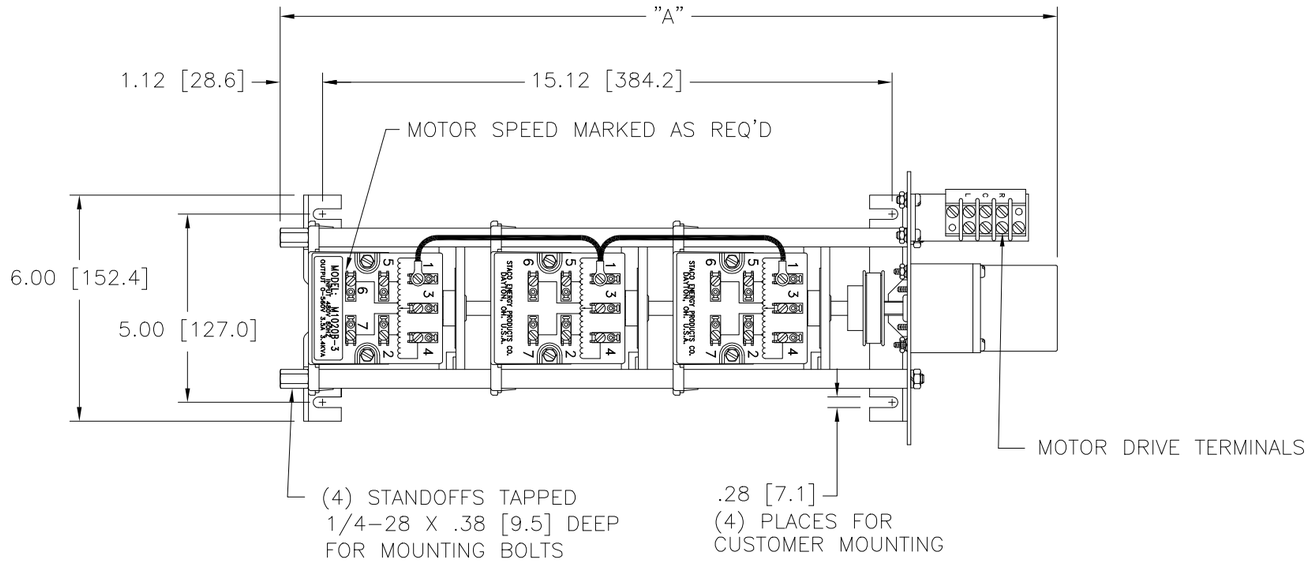
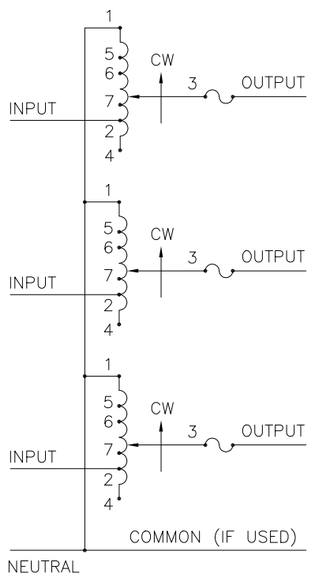
DWG. SIZE	DWG. NO.
D	031–2476

REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	24194	3/22/00	
	DELETED BLIND HOLES		







SCHEMATIC

FUSE RECOMMENDED BUT NOT SUPPLIED

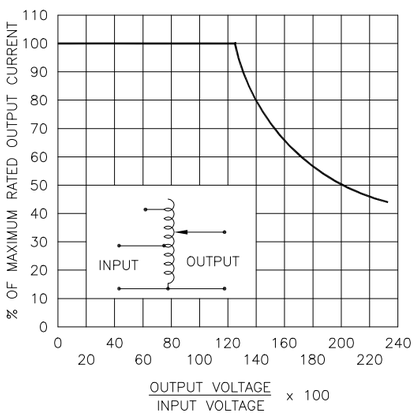
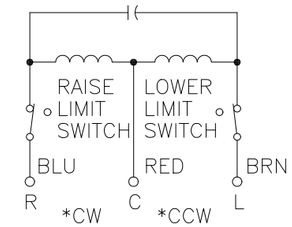


FIGURE A

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]

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.

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

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	480 ++	50/60	0–480	3.5	2.91	5.0	4.16	CW	1–1–1	4–4–4	3–3–3
								CCW	4–4–4	1–1–1	3–3–3
		60	0–560	3.5	3.40	——	——	CW	5–5–5	4–4–4	3–3–3
								CCW	2–2–2	1–1–1	3–3–3
	240 ++	60	0–560	3.5#	1.46 §	——	——	CW	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 .XX .06 .002 .XXX .005 ANGLES 1° DRAFT 1–1/2°

UNITS IN [mm]

ALL DIMENSIONS APPLY AFTER PLATING

MATERIAL

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.

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

Mouser Electronics

Authorized Distributor

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Staco:
M1020B-3