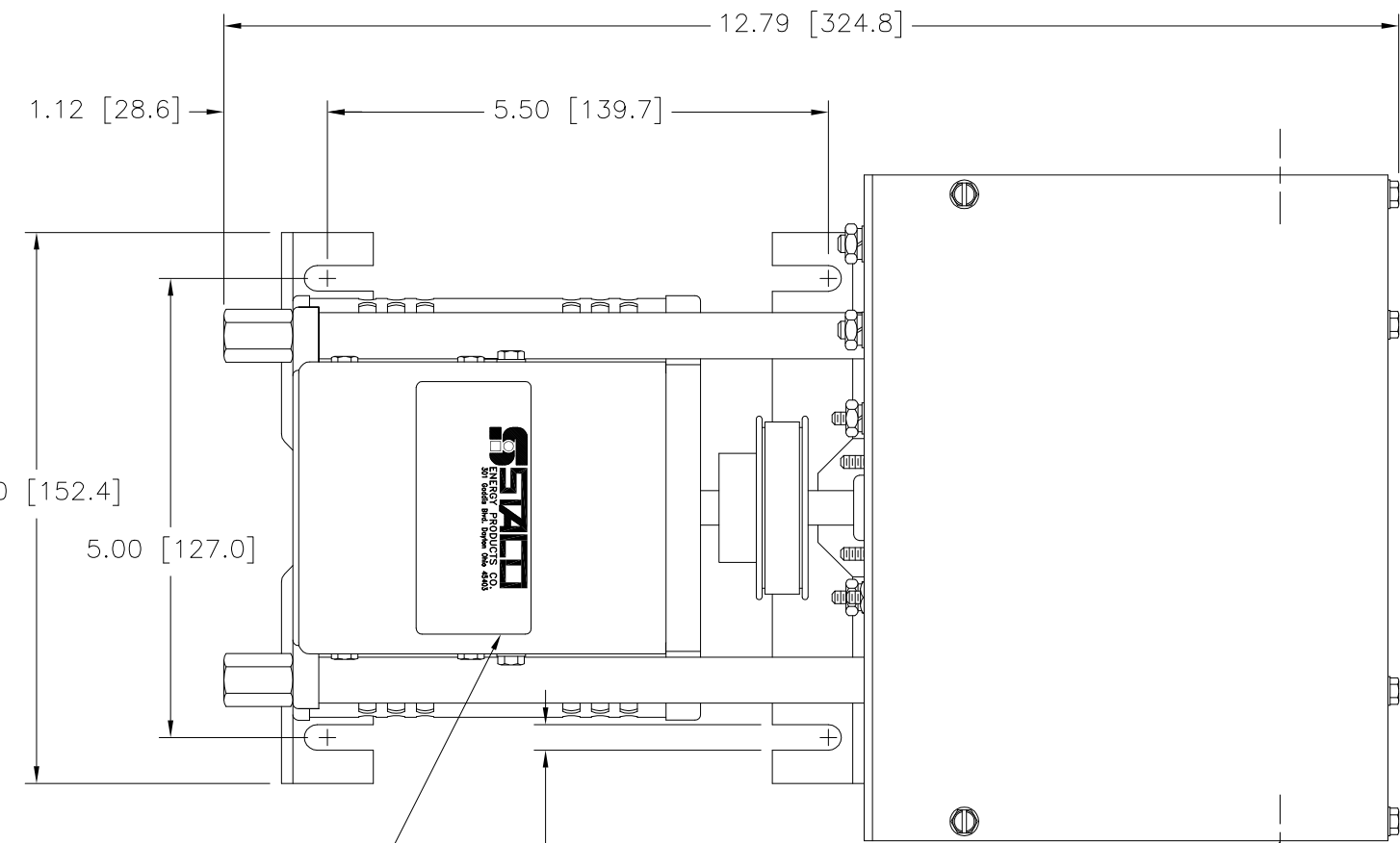


(4) STANDOFFS TAPPED
 1/4-28 X .38 [9.5] DEEP
 FOR MOUNTING BOLTS
 .88 [22.2] DIA. KNOCKOUT
 (2) PLACES FOR
 WIRING CONNECTIONS



NAMEPLATE
 .28 [7.1]
 (4) PLACES FOR
 CUSTOMER MOUNTING
 .88 [22.2] DIA. KNOCKOUT
 (4) PLACES FOR
 MOTOR CONNECTIONS

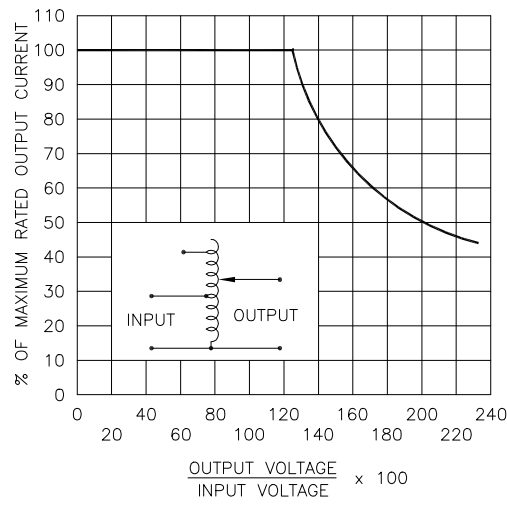
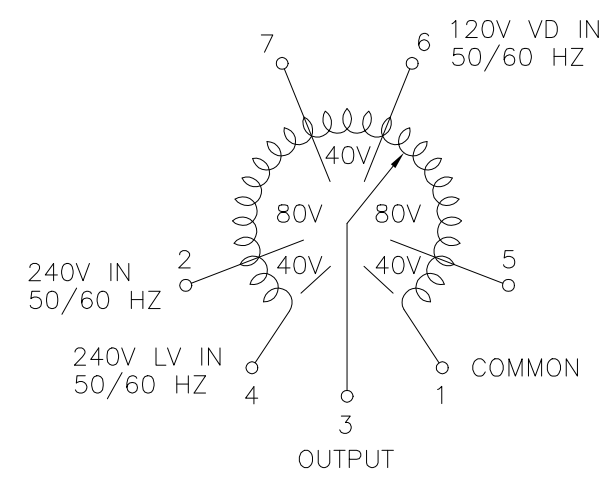
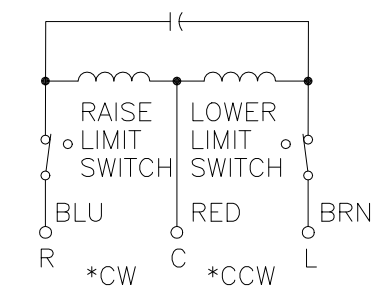


FIGURE A
 MAXIMUM OUTPUT CURRENT OF ANY
 DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER
 UNIT OPERATED AT LOWER INPUT VOLTAGE.

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



SCHEMATIC
 VIEW FROM BASE END
 FUSE RECOMMENDED BUT NOT SUPPLIED



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

SPEED (SECONDS)	MODEL NUMBER
5	5M1020BCT
15	15M1020BCT
30	30M1020BCT
60	60M1020BCT

WIRING	SPECIFICATIONS									
	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 +	
SINGLE PHASE	240	50/60	0-240	3.5	0.84	5.0	1.20	CW	1-4	4-3
			0-280	3.5	0.98	—	—	CCW	1-4	1-3
	120	50/60	0-280	3.5#	0.42§	—	—	CW	1-2	1-3
			0-280	3.5#	0.42§	—	—	CCW	4-7	4-3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS .XX .005
 HOLES .002
 ANGLES 1°
 DRAFT 1-1/2°
 UNITS IN [mm]
 ALL DIMENSIONS APPLY AFTER PLATING
 TITLE: SPEC. CONTROL DRAWING
 MOTORIZED VARIABLE XFMR.
 MODEL: M1020BCT
 MATERIAL: _____
 DRAWN BY: S.A. SMITH
 CHECKER: _____
 ENGINEER: _____
 DATE: 9/24/97
 WEIGHT APPROX. 16.75 LBS
 SCALE 1=1
 DO NOT SCALE DWG.
 CODE IDENT. NO. 83008
 SHEET 1 OF 1
 CUSTOMER APPROVAL: _____
 DATE: _____
 DWG. NO. 031-2510

