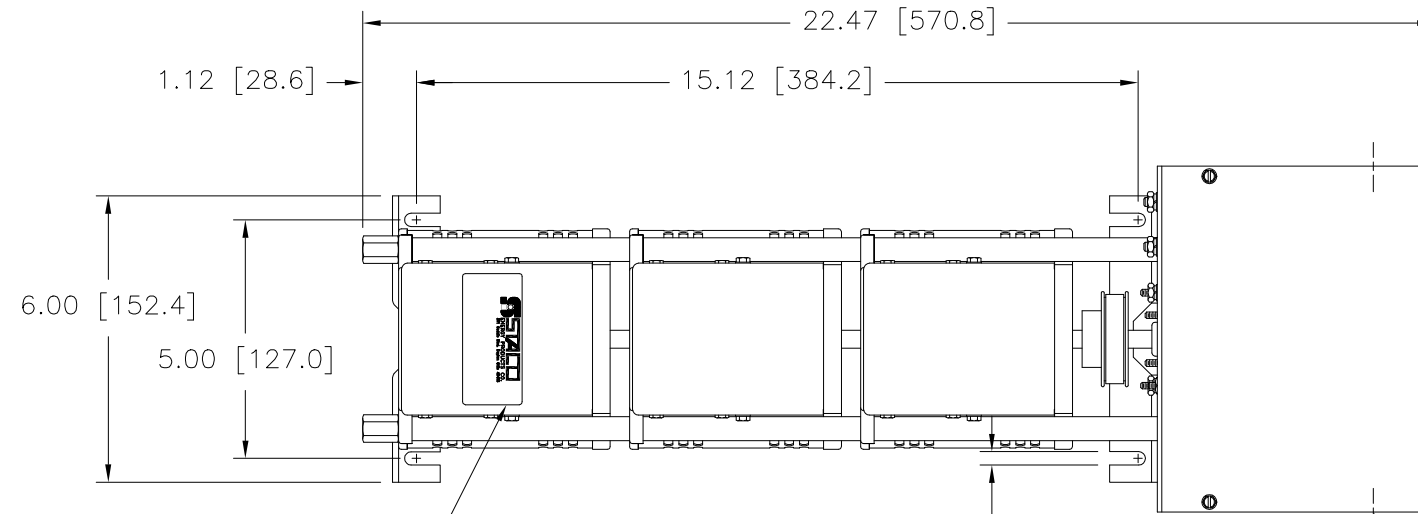


(4) STANDOFFS TAPPED  
 1/4-28 X .38 [9.5] DEEP  
 FOR MOUNTING BOLTS

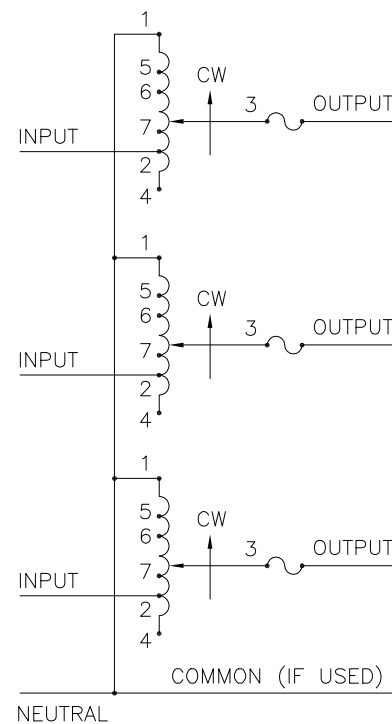
.88 [22.2] DIA. KNOCKOUT  
 (6) PLACES FOR  
 WIRING CONNECTIONS



NAMEPLATE

.28 [7.1]  
 (4) PLACES FOR  
 CUSTOMER MOUNTING

.88 [22.2] DIA. KNOCKOUT  
 (4) PLACES FOR  
 MOTOR CONNECTIONS



COMMON (IF USED)  
 SCHEMATIC  
 FUSE RECOMMENDED BUT NOT SUPPLIED

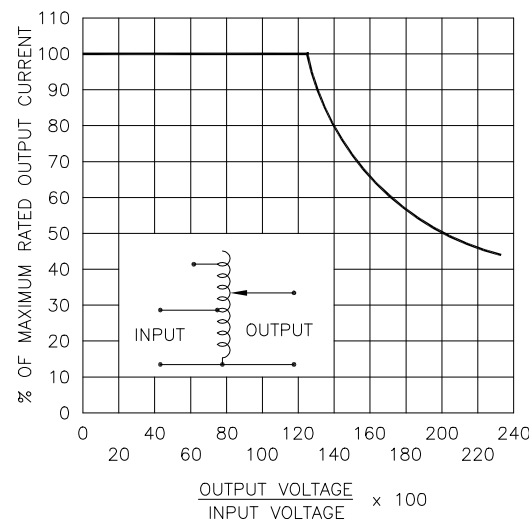
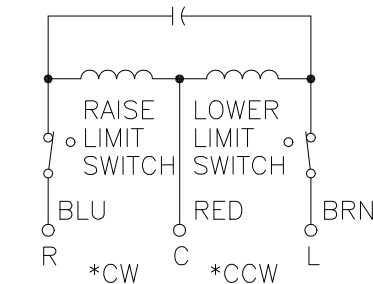


FIGURE A  
 MAXIMUM OUTPUT CURRENT OF ANY  
 DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER  
 UNIT OPERATED AT LOWER INPUT VOLTAGE.



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

# 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		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 π	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
			0-560	3.5#	1.46§	—	—	CCW	7-7-7	4-4-4	3-3-3

SPEED (SECONDS)	MODEL NUMBER
5	5M1020BCT-3
15	15M1020BCT-3
30	30M1020BCT-3
60	60M1020BCT-3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS #		DECIMALS		Holes		ANGLES		DRAFT		UNITS		TITLE	
.XX		.002		1°		1°		1-1/2°		IN [mm]		SPEC. CONTROL DRAWING	
MATERIAL		ALL DIMENSIONS APPLY AFTER PLATING		DATE		FIRST USED ON		DO NOT SCALE DWG.		CUSTOMER APPROVAL		DATE	
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ENGINEER		DATE		SCALE		SHEET		1 OF 1		DWG. NO.		031-2576	

