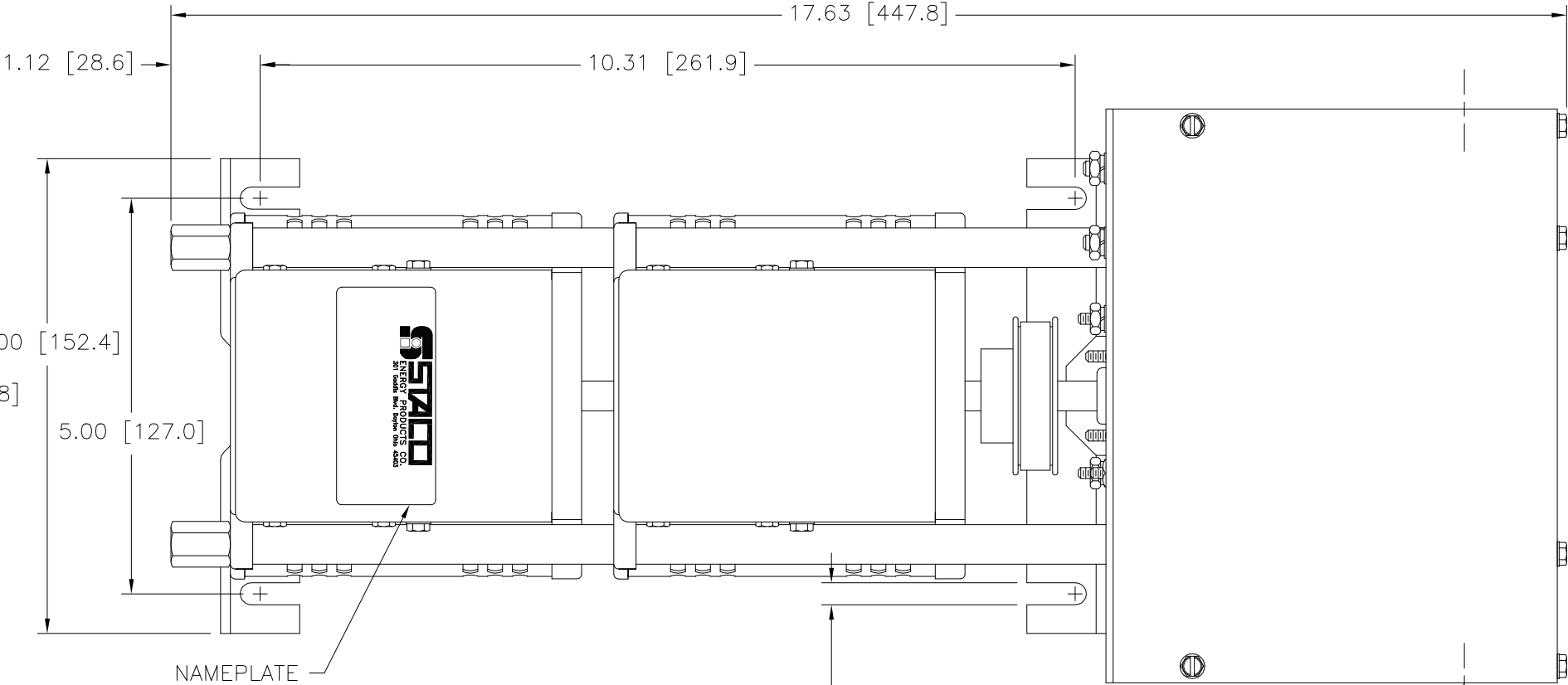


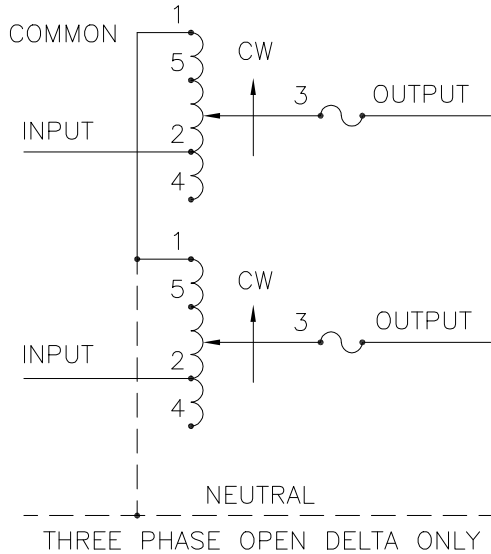
(4) STANDOFFS TAPPED
1/4-28 X .38 [9.5] DEEP
FOR MOUNTING BOLTS

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



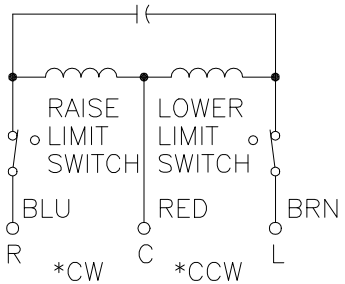
.28 [7.1]
(4) PLACES FOR
CUSTOMER MOUNTING

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



SCHEMATIC

(FUSE RECOMMENDED BUT NOT SUPPLIED)



MOTOR CIRCUIT

120V, 50/60 HZ
* ROTATION AS VIEWED
FROM MOTOR END

MOTOR SPEED: SEE CHART

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

SPEED (SECONDS)	MODEL NUMBER
5	5M1010BCT-2
15	15M1010BCT-2
30	30M1010BCT-2
60	60M1010BCT-2

SPECIFICATIONS													
WIRING	INPUT		VOLTS	OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS				
	VOLTS	HERTZ		CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD			FOR INCREASING VOLTAGE AS VIEWED FROM BASE END +				
				MAX. AMPS	MAX. KVA	MAX. AMPS	MAX. KVA		INPUT	JUMPER ■	OUTPUT		
SINGLE PHASE SERIES	240	50/60	0-240	10	2.4	13	3.12	CW	1-1	4-4	3-3		
								CCW	4-4	1-1	3-3		
			0-280	10	2.8	—	—	CW	5-5	4-4	3-3		
								CCW	2-2	1-1	3-3		
THREE PHASE OPEN DELTA π	120 ++	50/60	0-120	10	2.08	13	2.70	CW	1-4-1	4-4	3-4-3		
								CCW	4-1-4	1-1	3-1-3		
			0-140	10	2.42	—	—	CW	5-4-5	4-4	3-4-3		
								CCW	2-1-2	1-1	3-1-3		
UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS HOLES ANGLES DRAFT .XX .0005 1° 1-1/2°				UNITS IN [mm]		TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR MODEL: M1010BCT-2							
MATERIAL:				ALL DIMENSIONS APPLY AFTER PLATING									
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				CHECKER		DATE		WEIGHT APPROX. 30.75 LBS		CODE IDENT. NO. 83008		DWG. NO.	
				ENGINEER		DATE		SCALE 1 = 1		SHEET 1 OF 1		DWG. NO.	
												031-1840	



Mouser Electronics

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[M1010BCT-2](#)