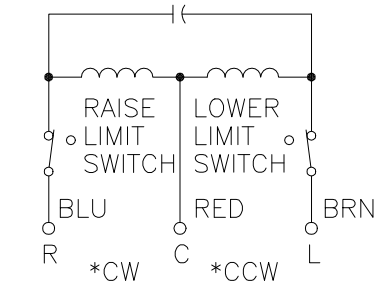



SCHEMATIC
THREE PHASE OPEN DELTA AND SINGLE
PHASE SERIES. FUSE RECOMMENDED BUT
NOT SUPPLIED.



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	5M1220BCT-2
15	15M1220BCT-2
30	30M1220BCT-2
60	60M1220BCT-2

SPECIFICATIONS												
WIRING	INPUT		OUTPUT						SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS		
	VOLTS	HERTZ	VOLTS	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	480	60	0-480	5.0	2.40	7.0	3.36	CW	1-1	4-4	3-3	
								CCW	4-4	1-1	3-3	
THREE PHASE OPEN DELTA π	240 ++	60	0-240	5.0	2.08	7.0	2.91	CW	1-4-1	4-4	3-4-3	
								CCW	4-1-4	1-1	3-1-3	
UNLESS OTHERWISE SPECIFIED: TOLERANCE IS \pm				TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR MODEL: M1220BCT-2								
DECIMALS .XX .0005												
Holes .002 ANGLES 1° DRAFT 1-1/2°												
MATERIAL: _____				ALL DIMENSIONS APPLY AFTER PLATING				 A COMPONENTS CORPORATION OF AMERICA COMPANY DAYTON, OHIO U.S.A.				
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				CHECKER	DATE	WEIGHT APPROX. 30.75 LBS	CODE IDENT. NO. 83008	DWG. SIZE	DWG. NO.			
				ENGINEER	DATE	SCALE 1 = 1	SHEET 1 of 1	D	031-3500			

Mouser Electronics

Authorized Distributor

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Staco:

[M1220BCT-2](#)