


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

- ++ LINE TO LINE VOLTAGE
- + 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 TRANSFORMERS WILL BE DAMAGED.
- JUMPER PROVIDED IN THE STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.

| 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 | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| THREE PHASE WYE π | 240 ++ | 50/60 | 0-240 | 10 | 4.16 | 13 | 5.4 | CW | 1-1-1 | 4-4-4 | 3-3-3 | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | 60 | 0-280 | 10 | 4.85 | — | — | CCW | 5-5-5 | 4-4-4 | 3-3-3 | | | |
| | | | | | | | | CCW | 2-2-2 | 1-1-1 | 3-3-3 | | | |
| UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS .XX, HOLES .005, ANGLES 1°, DRAFT 1-1/2°, UNITS IN [mm] | | | TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR MODEL: M1010B-3 | | | | | | | | | | | |
| MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING | | |  | | | | | | | | | | | |
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| | | | CHECKER | | DATE | | WEIGHT APPROX. 38.50 LBS | | CODE IDENT. NO. 83008 | | DWG. SIZE | | DWG. NO. | |
| | | | ENGINEER | | DATE | | SCALE .50=1 | | SHEET 1 of 1 | | D | | 031-1776 | |



SCHEMATIC
FUSE RECOMMENDED BUT NOT SUPPLIED

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M1010B-3