



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.

SCHEMATIC
 FUSE RECOMMENDED BUT NOT SUPPLIED

| SPEED (SECONDS) | MODEL NUMBER | DIM "A" |
|-----------------|--------------|---------------|
| 5 | 5M1210B-3 | 20.25 [514.2] |
| 15 | 15M1210B-3 | 20.25 [514.2] |
| 30 | 30M1210B-3 | 20.64 [524.2] |
| 60 | 60M1210B-3 | 20.64 [524.2] |

| 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 + | | | | | |
| THREE PHASE WYE π | 240 ++ | 60 | 0-240 | MAX. AMPS 12 | MAX. KVA 4.96 | MAX. AMPS 15 | MAX. KVA 6.24 | CW | INPUT 1-1-1 | JUMPER ■ 4-4-4 | OUTPUT 3-3-3 |
| | | | | | | | | CCW | 4-4-4 | 1-1-1 | 3-3-3 |

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS HOLES .002 ANGLES 1° DRAFT 1-1/2°

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

UNITS IN [mm]

TITLE: SPEC. CONTROL DRAWING
 MOTORIZED VARIABLE XFMR
 MODEL: M1210B-3

DRAWN BY: S.A. SMITH DATE: 9/25/97 FIRST USED ON: DO NOT SCALE DWG. CUSTOMER APPROVAL: DATE:

CHECKER: DATE: WEIGHT APPROX. 40 LBS CODE IDENT. NO. 83008 DWG. NO. 031-3120

ENGINEER: DATE: SCALE .50=1 SHEET 1 OF 1

STACO
 ENERGY PRODUCTS CO.
 A COMPONENTS CORPORATION OF AMERICA COMPANY
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