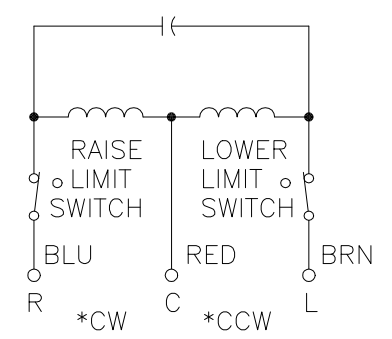


NOTE:  
 FUSE RECOMMENDED BUT NOT SUPPLIED



MOTOR CIRCUIT

120V, 50/60 HZ

\* ROTATION AS VIEWED FROM MOTOR END

MOTOR SPEED: SEE CHART

NOTES:

- JUMPER PROVIDED IN THE STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.
- 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.

| 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 |                                    | INPUT                | JUMPER | OUTPUT |       |
| SINGLE PHASE SERIES    | 240   | 50/60 | 0-240  | 15                    | 3.60                    | 20   | 4.80                               | CW                   | 2-2    | 4-4    | 3-3   |
|                        |       |       | 0-280  | 15                    | 4.20                    | —  | —                                  | CCW                  | 4-4    | 2-2    | 3-3   |
|                        |       |       |        |                       |                         |  |                                    |                      | CCW    | 1-1    | 4-4   |
| THREE PHASE OPEN DELTA | 120   | 50/60 | 0-120  | 15                    | 3.12                    | 20   | 4.15                               | CW                   | 2-4-2  | 4-4    | 3-4-3 |
|                        |       |       | 0-140  | 15                    | 3.64                    | —  | —                                  | CCW                  | 4-2-4  | 2-2    | 3-2-3 |
|                        |       |       |        |                       |                         |  |                                    |                      | CCW    | 1-4-1  | 4-4   |
|                        |       |       |        |                       |                         |  | CCW                                | 5-2-5                | 2-2    | 3-2-3  |       |

| SPEED (SECONDS) | MODEL NUMBER | DIM 'A'       |
|-----------------|--------------|---------------|
| 5               | 5M1510-2     | 15.55 [394.9] |
| 15              | 15M1510-2    | 15.55 [394.9] |
| 30              | 30M1510-2    | 15.94 [404.9] |
| 60              | 60M1510-2    | 15.94 [404.9] |

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS HOLES ANGLES DRAFT .XX .04 .06 .002 1° 1-1/2°

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

UNITS IN [mm]

TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR. TYPE: M1510-2

STACO ENERGY PRODUCTS CO. A COMPONENTS CORPORATION OF AMERICA COMPANY DAYTON, OHIO U.S.A.

DRAWN BY: TIM RAU DATE: 7/24/98

CHECKER: DATE: WEIGHT APPROX. CODE IDENT. NO. 83008 DWG. NO. 031-3733

ENGINEER: DATE: SCALE: .5=1 SHEET 1 OF 1