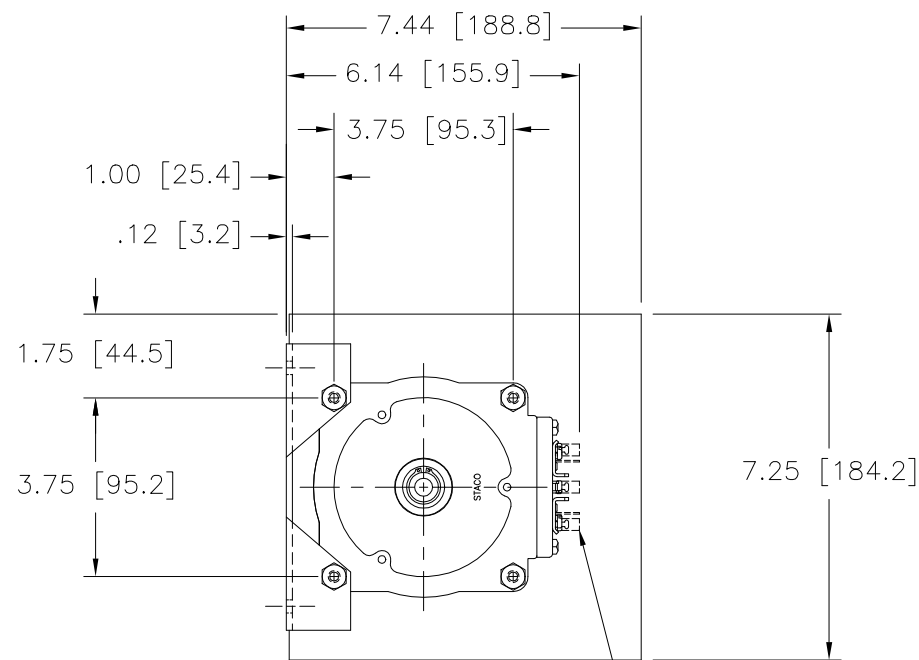
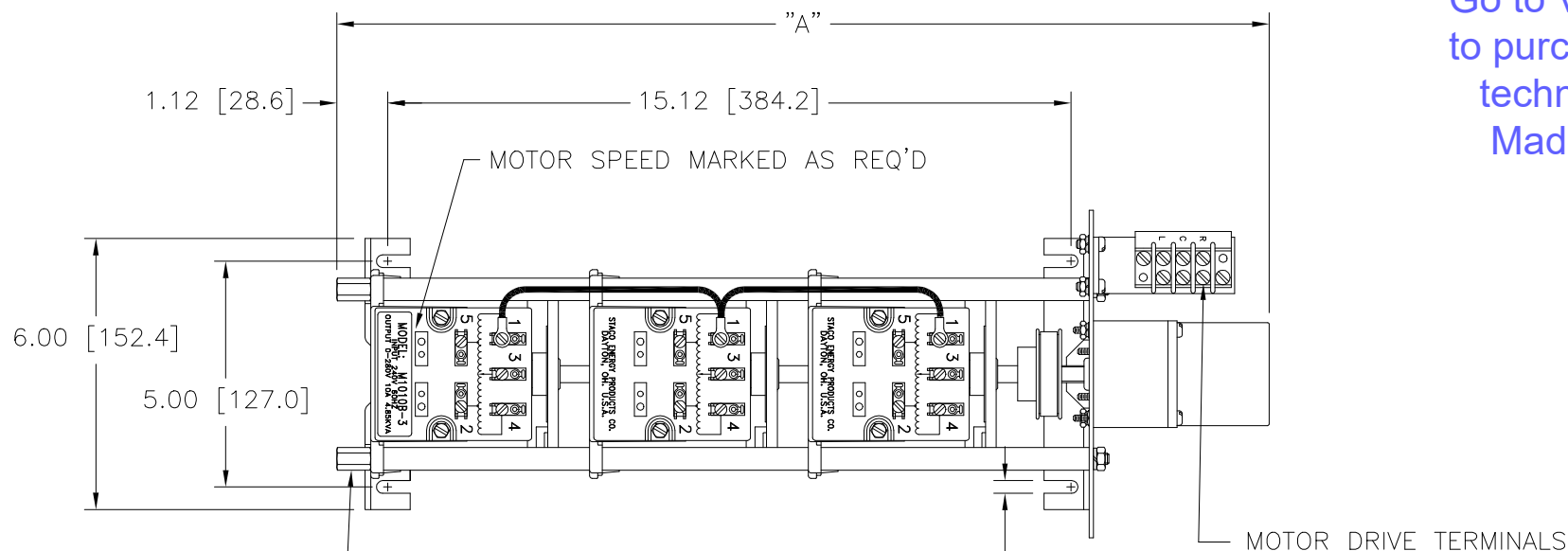


Go to [VARIAC.com](http://VARIAC.com)  
to purchase and for  
technical support.  
Made in the USA

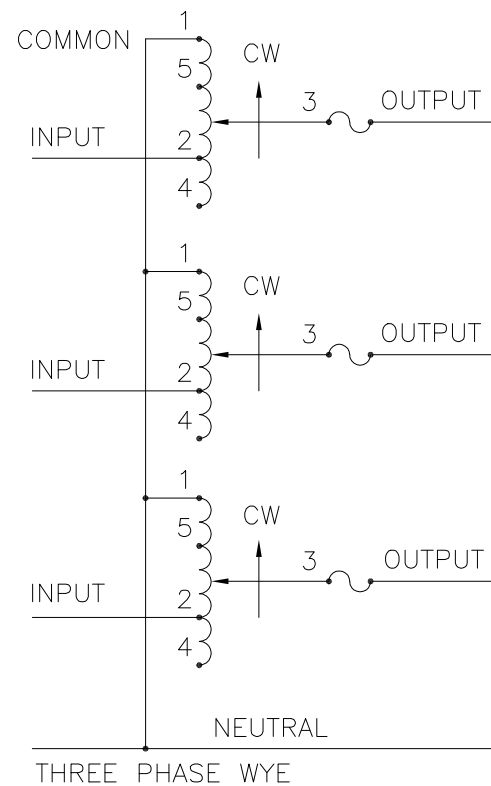


OPTIONAL TERMINALS  
FOR PUSH ON OR  
SOLDER CONNECTIONS  
(.032 X .250) [.08 X 6.4]



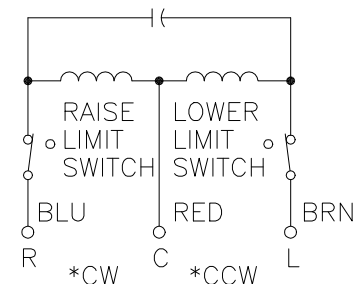
(4) STANDOFFS TAPPED  
1/4-28 X .38 [9.5] DEEP  
FOR MOUNTING BOLTS

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



SCHEMATIC

FUSE RECOMMENDED BUT NOT SUPPLIED



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.

| SPEED (SECONDS) | MODEL NUMBER | DIM "A"       |
|-----------------|--------------|---------------|
| 5               | 5M1010B-3    | 20.25 [514.2] |
| 15              | 15M1010B-3   | 20.25 [514.2] |
| 30              | 30M1010B-3   | 20.64 [524.2] |
| 60              | 60M1010B-3   | 20.64 [524.2] |

| WIRING            | INPUT |       | 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 |       |
| 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 |
|                   |       |       | 0-280                 | 10       | 4.85                    | —        | —                                  | CCW  | 4-4-4  | 1-1-1  | 3-3-3 |
|                   | ++    | 60    | 0-280                 | 10       | 4.85                    | —        | —                                  | CW   | 5-5-5  | 4-4-4  | 3-3-3 |
|                   |       |       |                       |          |                         |          |                                    |  | 2-2-2  | 1-1-1  | 3-3-3 |

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS HOLES ANGLES DRAFT UNITS IN [mm]

XX .0005 .06 1° 1-1/2° ALL DIMENSIONS APPLY AFTER PLATING

MATERIAL: \_\_\_\_\_

TITLE: SPEC. CONTROL DRAWING  
MOTORIZED VARIABLE XFMR  
MODEL: M1010B-3

DRAWN BY: S.A. SMITH DATE: 9/19/97 DO NOT SCALE DWG. CUSTOMER APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

CHECKER: \_\_\_\_\_ DATE: \_\_\_\_\_ WEIGHT APPROX. 38.50 LBS. CODE IDENT. NO. 83008 DWG. NO. 031-1776

ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_ SCALE .50=1 SHEET 1 OF 1 DWG. NO. 031-1776

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