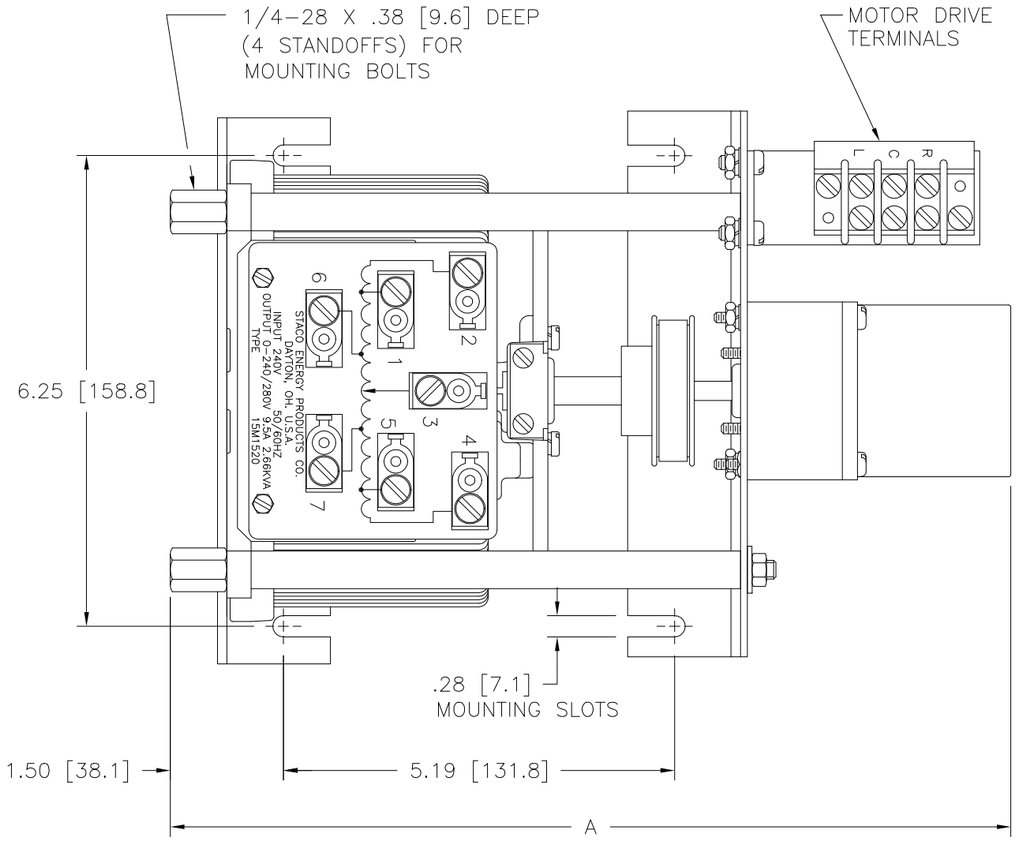
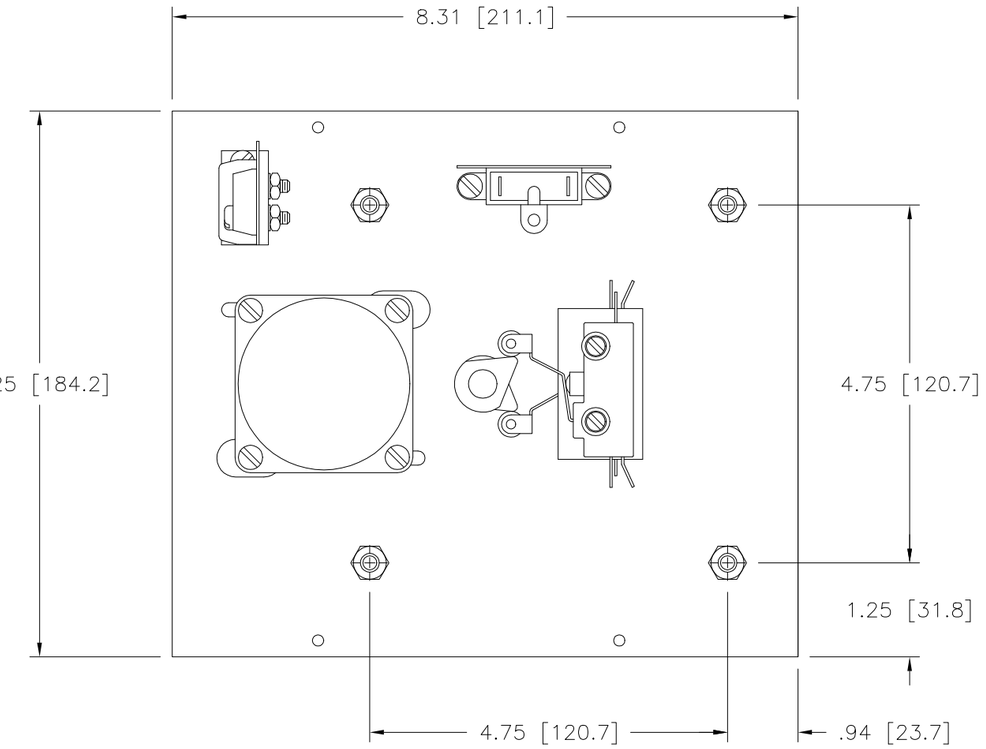
| DWG. SIZE | DWG. NO. |
|---|---|
| D | 031–4001 |

REVISIONS

| SYM. | E.C.N. | DATE | APVD. |
|---|---|---|---|
| A | 23002 | 11/28/95 | |
| | REDRAWN ON CAD | | |
| B | 23311 | 1/21/97 | |
| | REVISED & UPDATED | | |
| C | 23899 | 12/17/98 | |
| | ADDED DIM. A | | |



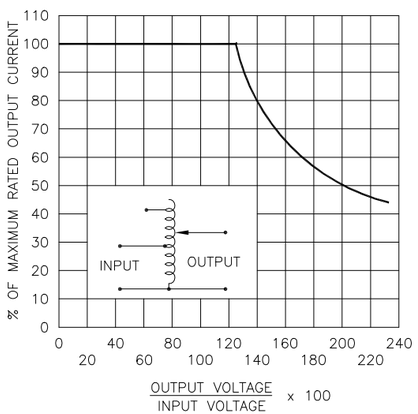
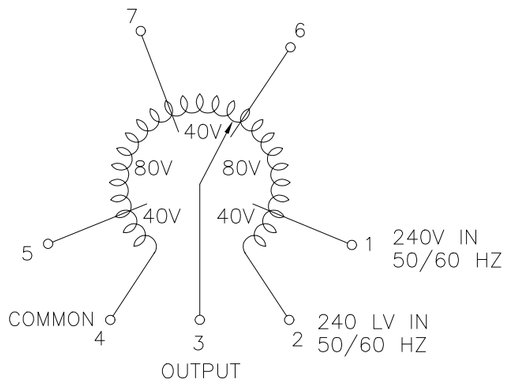



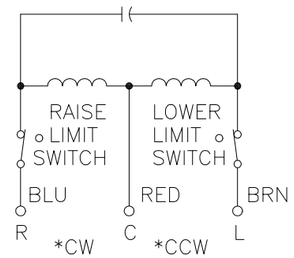

FIGURE A

MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.




SCHEMATIC

VIEW FROM BASE END




MOTOR CIRCUIT

120V, 50/60 HZ

* ROTATION AS VIEWED FROM MOTOR END

MOTOR SPEED: SEE CHART

| SPEED (SECONDS) | MODEL NUMBER | DIMENSION "A" |
|---|---|---|
| 5 | 5M1520 | 11.16 [283.5] |
| 15 | 15M1520 | 11.16 [283.5] |
| 30 | 30M1520 | 11.55 [293.4] |
| 60 | 60M1520 | 11.55 [293.4] |

NOTES:

§ MAXIMUM KVA AT MAXIMUM OUTPUT VOLTAGE AND CORRESPONDING DERATED OUTPUT CURRENT. MAXIMUM KVA FOR LOWER VOLTAGES MAY BE CALCULATED FROM DERATING CURVE FIGURE A.

\# MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25% ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, THE OUTPUT CURRENT MUST BE REDUCED ACCORDING TO THE DERATING CURRENT MUST BE REDUCED ACCORDING TO THE DERATING CURVE FIGURE A.

† MOTOR DRIVEN UNITS USE TERMINAL CONNECTIONS FOR C.C.W. INCREASING VOLTAGE. AS VIEWED FROM THE BASE END.

| WIRING | INPUT VOLTS | INPUT HERTZ | OUTPUT VOLTS | OUTPUT CONSTANT CURRENT LOAD MAX AMPS | OUTPUT CONSTANT CURRENT LOAD MAX KVA | OUTPUT CONSTANT IMPEDANCE LOAD MAX AMPS | OUTPUT CONSTANT IMPEDANCE LOAD MAX KVA | SHAFT ROTATION FOR VOLTAGE INCREASE | TERMINAL CONNECTIONS † (FOR INCREASING VOLTAGE) AS VIEWED FROM BASE END: INPUT | JUMPERS | OUTPUT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SINGLE PHASE | 240 | 50/60 | 0–240 | 9.5 | 2.28 | 12 | 2.88 | CW | 2–4 | – | 4–3 |
| | | | | | | | | CCW | 2–4 | – | 2–3 |
| | | | 0–280 | 9.5 | 2.66 | – | – | CW | 1–4 | – | 4–3 |
| | | | | | | | | CCW | 5–2 | – | 2–3 |
| | 120 | 50/60 | 0–280 | 9.5# | 1.14 § | – | – | CW | 7–4 | – | 4–3 |
| | | | | | | | | CCW | 6–2 | – | 2–3 |

UNLESS OTHERWISE SPECIFIED. TOLERANCE IS ±
DECIMALS .XX .06 .XXX .005 HOLES .002 ANGLES 1° DRAFT 1–1/2°
UNITS IN [mm]
MATERIAL :
ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER TYPE: M1520

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



| DRAWN BY | DATE | FIRST USED ON | DO NOT SCALE DWG. | CUSTOMER APPROVAL | DATE |
|---|---|---|---|---|---|
| TIM RAU | 1/21/97 | | | | |
| CHECKER | DATE | WEIGHT APPROX. 29.5 LBS | CODE IDENT. NO. 83008 | DWG. SIZE D | DWG. NO. 031–4001 |
| ENGINEER | DATE | SCALE 1=1 | SHEET 1 OF 1 | | |

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