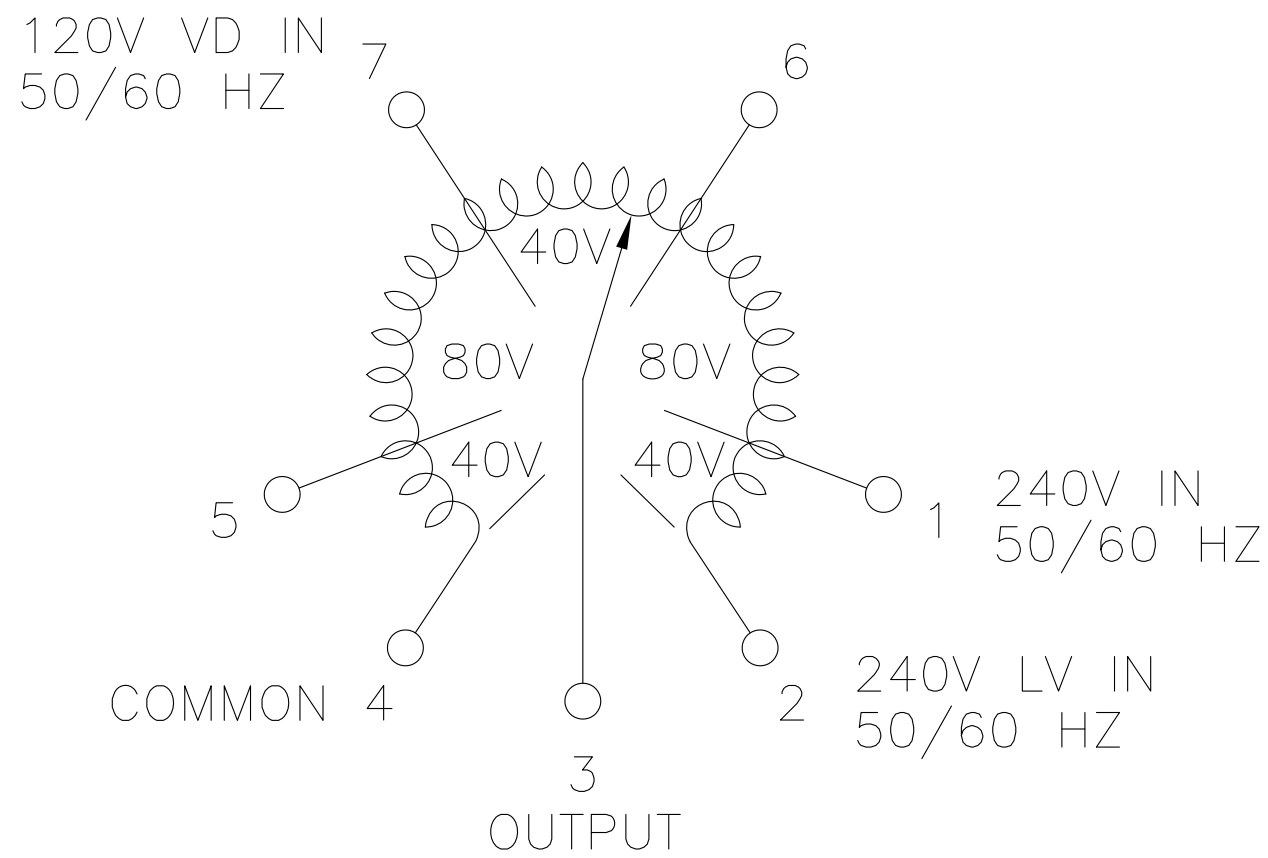
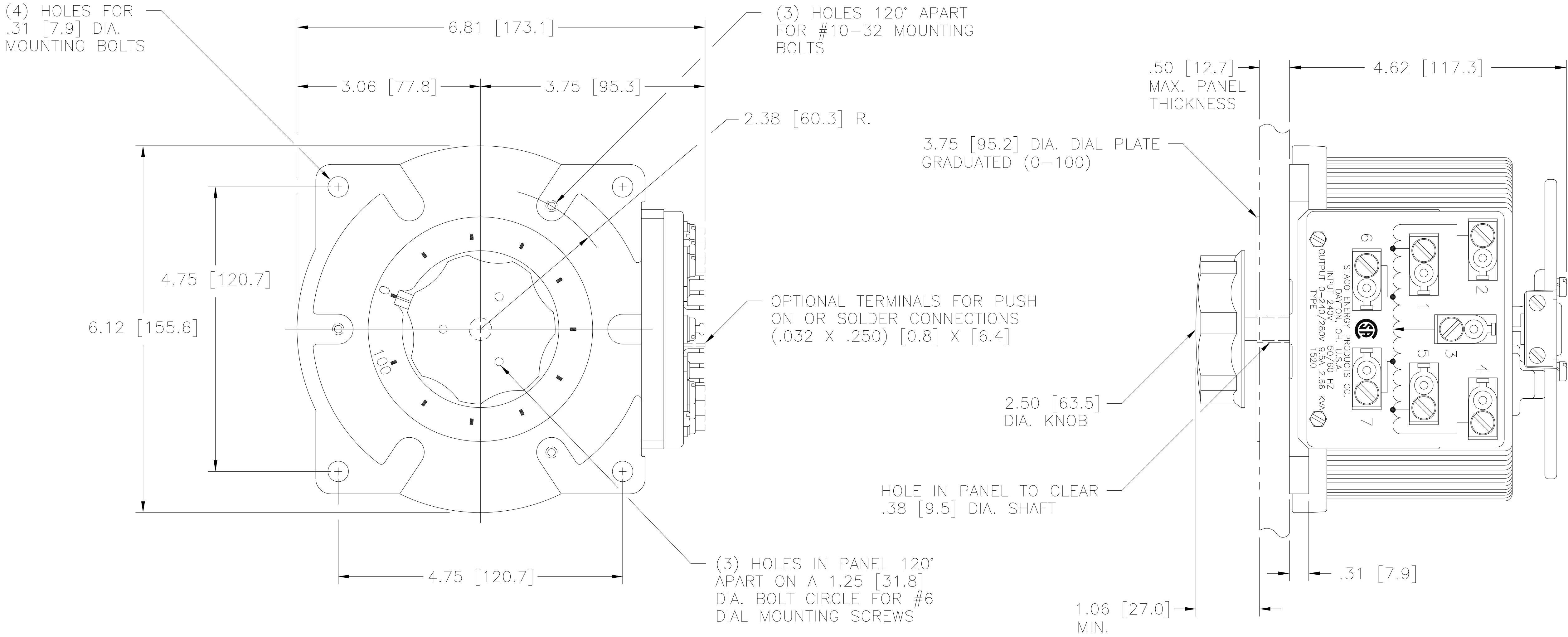


|           |          |          |                     |
|-----------|----------|----------|---------------------|
| DWG. NO.  | 031-3901 |          |                     |
| REVISIONS |          |          |                     |
| SYM.      | E.C.O.   | DATE     | APVD.               |
| A         | 21675    | 12/03/91 | REVISED & REDRAWN   |
| B         | 23899    | 12/17/98 | UPDATED TERM. BOARD |
| C         | 25108    | 4/22/03  | ADDED 2.38 R DIM    |
| D         | 25433    | 8/23/04  | CHGD. 120V TO 240V  |
| E         | 25803    | 10/16/06 | ADDED CSA LOGO      |
| F         | 28873    | 6/22/17  | CORRECTED NOTE "#"  |



SCHEMATIC  
VIEW FROM BASE END

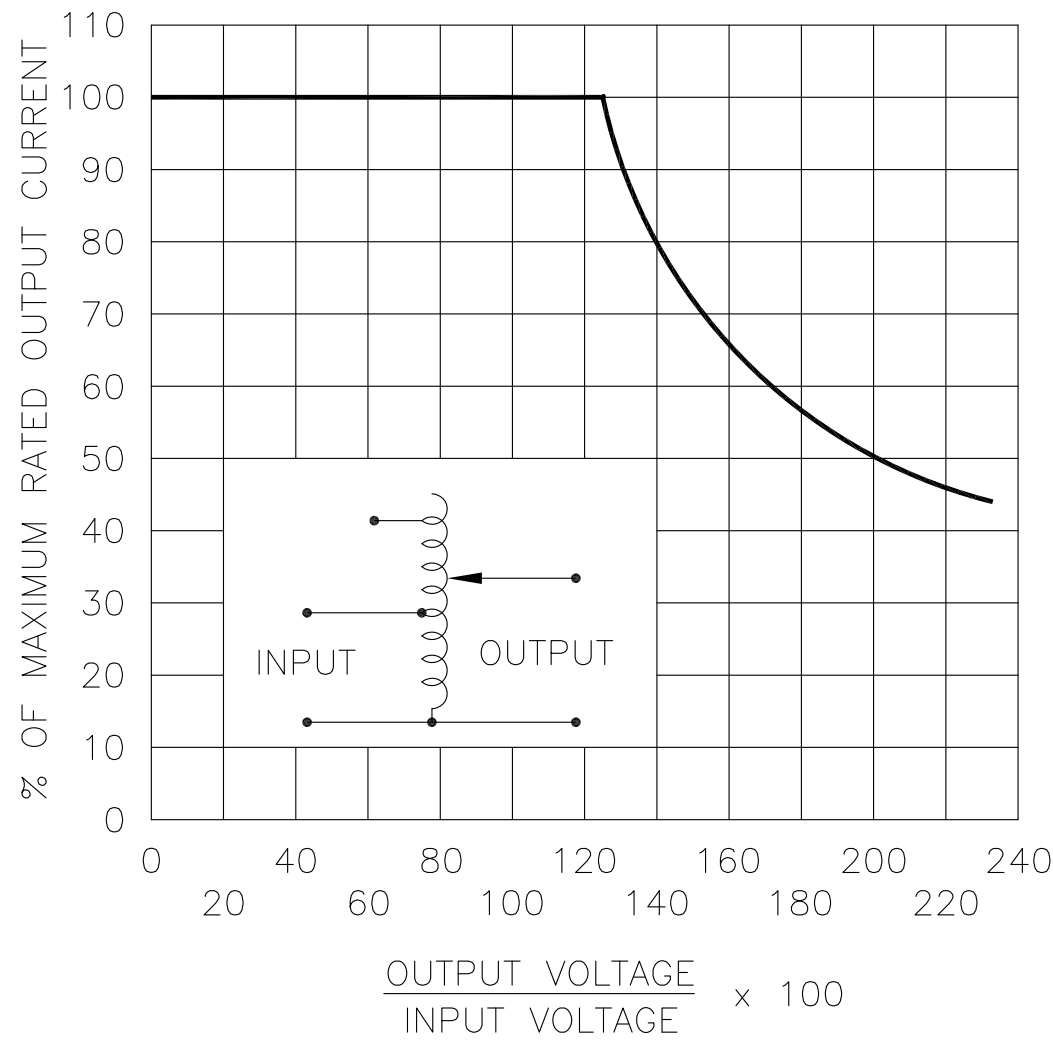


FIGURE A  
MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

§ 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, OUTPUT CURRENT MUST BE REDUCED ACCORDING RATING CURVE, FIGURE A.

| WIRING                                                                                                                                                                                                                                                                                                                                                                                | INPUT |                                    | OUTPUT        |                                                                         |                                                              |                         | SHAFT ROTATION FOR VOLTAGE INCREASE | 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           | 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 |
|                                                                                                                                                                                                                                                                                                                                                                                       |       |                                    |               |                                                                         |                                                              |                         |                                     |                                                                                                                                                                                      | 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: HOLES .005 ANGLES 1° DRAFT 1-1/2°                                                                                                                                                                                                                                                                                                |       |                                    | UNITS IN [mm] |                                                                         | TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER MODEL 1520 |                         |                                     | <br>A Components Corporation of Americas Company<br>301 Gaddis Boulevard Dayton, Ohio 45403 USA |                 |           |          |     |
| MATERIAL :                                                                                                                                                                                                                                                                                                                                                                            |       | ALL DIMENSIONS APPLY AFTER PLATING |               | DRAWN BY K. TOLLIVER DATE 11/26/91 FIRST USED ON 1520 DO NOT SCALE DWG. |                                                              |                         |                                     |                                                                                                                                                                                      |                 |           |          |     |
| The information and design disclosed herein was originated by and is the property of STACO ENERGY PRODUCTS CO., which reserves all patent, proprietary, design, manufacturing, reproduction, use and sale rights thereto, and to any article disclosed therein except to the extent rights are expressly granted to others. The foregoing does not apply to vendor proprietary parts. |       |                                    |               |                                                                         | CHECKER                                                      |                         | DATE                                | WEIGHT APPROX. 19.25 LBS.                                                                                                                                                            | CAGE CODE 83008 | DWG. SIZE | DWG. NO. |     |
|                                                                                                                                                                                                                                                                                                                                                                                       |       |                                    |               |                                                                         | ENGINEER                                                     |                         | DATE                                | SCALE 1 = 1                                                                                                                                                                          | SHEET 1 OF 1    | D         | 031-3901 |     |



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