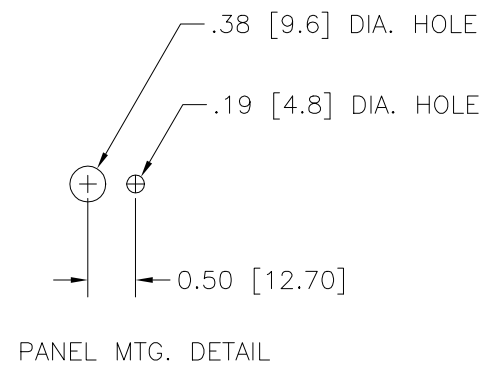


SCHMATIC  
VIEWED FROM BASE END



| 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 |       |        |        |  |
|                |       |       |        | MAX. AMPS             | MAX. KVA | MAX. AMPS               |                                    | MAX. KVA                                       | INPUT | JUMPER | OUTPUT |  |
| SINGLE PHASE   | 120   | 50/60 | 0-120  | 3.0                   | 0.36     | 3.5                     | 0.42                               | CW   | 1-2   | ---    | 1-3    |  |
|                |       | 60    | 0-132  | 3.0                   | 0.40     | ---                     | ---                                | CCW  | 1-2   | ---    | 2-3    |  |
|                |       |       |        |                       |          |                         |                                    | CW   | 1-4   | ---    | 1-3    |  |

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS HOLES ANGLES DRAFT UNITS IN [mm] .0001-.0002 .06 .002 1° 1-1/2° ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPECIFICATION CONTROL DWG. VARIABLE TRANSFORMER TYPE: 291



|                        |                 |                           |                       |                   |          |
|------------------------|-----------------|---------------------------|-----------------------|-------------------|----------|
| DRWN BY<br>K. TOLLIVER | DATE<br>8/23/91 | FIRST USED ON<br>031-0291 | DO NOT SCALE DWG.     | CUSTOMER APPROVAL | DATE     |
| CHECKER                | DATE            | WEIGHT APPROX.            | CODE IDENT. NO. 83008 | DWG. NO.          | DWG. NO. |
| ENGINEER               | DATE            | SCALE FULL                | SHEET 1 OF 1          | D                 | 031-0291 |