

## LOW VOLTAGE P.C. BOARD MOUNT LOW PROFILE 162/164 SERIES

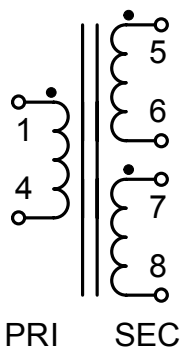
### Key Features:

- Both series operate on 50/60 Hz current.
- Low profile, split bobbin design.
- Dual winding secondaries, non-concentrically wound.
- Units are designed so that all windings must be used.
- Low primary to secondary coupling - no electro static shield required.
- One year warranty.
- High insulation - Hipot of 2,500V RMS.
- Class B insulation - 130 degrees C.
- No mounting hardware required on 1.1 and 2.4 VA sizes. Two hole mounting on 6, 12 and 20V sizes. Four hole mounting on 36VA size (mounting screws not provided).
- P.C. board mount with industry standard pin spacing.
- c UL us recognized.
- For more information on this series, go to:

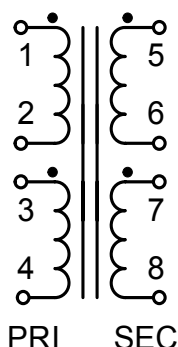
<http://www.hammondmfg.com/162.htm>



Single Primary - 164 Series



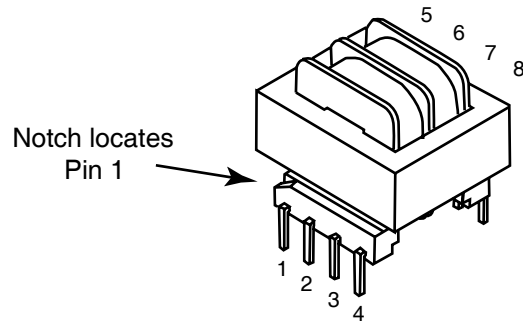
Dual Primary - 162 Series



| Part No.<br>Single Pri.<br>115V | Part No.<br>Dual Pri.<br>115/230V | Size<br>VA | Secondary (RMS)    |             |
|---------------------------------|-----------------------------------|------------|--------------------|-------------|
|                                 |                                   |            | Series             | Parallel    |
| 164D10                          | 162D10                            | 1.1        | 10V C.T. @ .11A    | 5V @ .22A   |
| 164E10                          | 162E10                            | 2.4        | 10V C.T. @ .25A    | 5V @ .5A    |
| 164F10                          | 162F10                            | 6          | 10V C.T. @ .6A     | 5V @ 1.2A   |
| 164G10                          | 162G10                            | 12         | 10V C.T. @ 1.2A    | 5V @ 2.4A   |
| 164H10                          | 162H10                            | 20         | 10V C.T. @ 2A      | 5V @ 4A     |
| 164J10                          | 162J10                            | 36         | 10V C.T. @ 3.6A    | 5V @ 7.2A   |
| 164D12                          | 162D12                            | 1.1        | 12.6V C.T. @ .09A  | 6.3V @ .18A |
| 164E12                          | 162E12                            | 2.4        | 12.6V C.T. @ .2A   | 6.3V @ .4A  |
| 164F12                          | 162F12                            | 6          | 12.6V C.T. @ .5A   | 6.3V @ 1A   |
| 164G12                          | 162G12                            | 12         | 12.6V C.T. @ 1A    | 6.3V @ 2A   |
| 164H12                          | 162H12                            | 20         | 12.6V C.T. @ 1.6A  | 6.3V @ 3.2A |
| 164J12                          | 162J12                            | 36         | 12.6V C.T. @ 2.85A | 6.3V @ 5.7A |
| 164D16                          | 162D16                            | 1.1        | 16V C.T. @ .07A    | 8V @ .14A   |
| 164E16                          | 162E16                            | 2.4        | 16V C.T. @ .15A    | 8V @ .3A    |
| 164F16                          | 162F16                            | 6          | 16V C.T. @ .4A     | 8V @ .8A    |
| 164G16                          | 162G16                            | 12         | 16V C.T. @ .8A     | 8V @ 1.6A   |
| 164H16                          | 162H16                            | 20         | 16V C.T. @ 1.25A   | 8V @ 2.5A   |
| 164J16                          | 162J16                            | 36         | 16V C.T. @ 2.25A   | 8V @ 4.5A   |
| 164D20                          | 162D20                            | 1.1        | 20V C.T. @ .055A   | 10V @ .11A  |
| 164E20                          | 162E20                            | 2.4        | 20V C.T. @ .12A    | 10V @ .24A  |
| 164F20                          | 162F20                            | 6          | 20V C.T. @ .3A     | 10V @ .6A   |
| 164G20                          | 162G20                            | 12         | 20V C.T. @ .6A     | 10V @ 1.2A  |
| 164H20                          | 162H20                            | 20         | 20V C.T. @ 1A      | 10V @ 2A    |
| 164J20                          | 162J20                            | 36         | 20V C.T. @ 1.8A    | 10V @ 3.6A  |
| 164D24                          | 162D24                            | 1.1        | 24V C.T. @ .045A   | 12V @ .09A  |
| 164E24                          | 162E24                            | 2.4        | 24V C.T. @ .1A     | 12V @ .2A   |
| 164F24                          | 162F24                            | 6          | 24V C.T. @ .25A    | 12V @ .5A   |
| 164G24                          | 162G24                            | 12         | 24V C.T. @ .5A     | 12V @ 1A    |
| 164H24                          | 162H24                            | 20         | 24V C.T. @ .8A     | 12V @ 1.6A  |
| 164J24                          | 162J24                            | 36         | 24V C.T. @ 1.5A    | 12V @ 3A    |
| 164D28                          | 162D28                            | 1.1        | 28V C.T. @ .04A    | 14V @ .08A  |
| 164E28                          | 162E28                            | 2.4        | 28V C.T. @ .085A   | 14V @ .17A  |
| 164F28                          | 162F28                            | 6          | 28V C.T. @ .2A     | 14V @ .4A   |
| 164G28                          | 162G28                            | 12         | 28V C.T. @ .42A    | 14V @ .84A  |
| 164H28                          | 162H28                            | 20         | 28V C.T. @ .7A     | 14V @ 1.4A  |
| 164J28                          | 162J28                            | 36         | 28V C.T. @ 1.3A    | 14V @ 2.6A  |
| 164D36                          | 162D36                            | 1.1        | 36V C.T. @ .03A    | 18V @ .06A  |
| 164E36                          | 162E36                            | 2.4        | 36V C.T. @ .065A   | 18V @ .13A  |
| 164F36                          | 162F36                            | 6          | 36V C.T. @ .17A    | 18V @ .34A  |
| 164G36                          | 162G36                            | 12         | 36V C.T. @ .35A    | 18V @ .7A   |
| 164H36                          | 162H36                            | 20         | 36V C.T. @ .55A    | 18V @ 1.1A  |
| 164J36                          | 162J36                            | 36         | 36V C.T. @ 1A      | 18V @ 2A    |
| 164D48                          | 162D48                            | 1.1        | 48V C.T. @ .023A   | 24V @ .046A |
| 164E48                          | 162E48                            | 2.4        | 48V C.T. @ .05A    | 24V @ .1A   |
| 164F48                          | 162F48                            | 6          | 48V C.T. @ .125A   | 24V @ .25A  |
| 164G48                          | 162G48                            | 12         | 48V C.T. @ .25A    | 24V @ .5A   |
| 164H48                          | 162H48                            | 20         | 48V C.T. @ .4A     | 24V @ .8A   |
| 164J48                          | 162J48                            | 36         | 48V C.T. @ .75A    | 24V @ 1.5A  |
| 164D56                          | 162D56                            | 1.1        | 56V C.T. @ .02A    | 28V @ .04A  |
| 164E56                          | 162E56                            | 2.4        | 56V C.T. @ .045A   | 28V @ .09A  |
| 164F56                          | 162F56                            | 6          | 56V C.T. @ .11A    | 28V @ .22A  |
| 164G56                          | 162G56                            | 12         | 56V C.T. @ .22A    | 28V @ .44A  |
| 164H56                          | 162H56                            | 20         | 56V C.T. @ .35A    | 28V @ .7A   |
| 164J56                          | 162J56                            | 36         | 56V C.T. @ .65A    | 28V @ 1.3A  |
| 164D120                         | 162D120                           | 1.1        | 120V C.T. @ .01A   | 60V @ .02A  |
| 164E120                         | 162E120                           | 2.4        | 120V C.T. @ .02A   | 60V @ .04A  |
| 164F120                         | 162F120                           | 6          | 120V C.T. @ .05A   | 60V @ .1A   |
| 164G120                         | 162G120                           | 12         | 120V C.T. @ .1A    | 60V @ .2A   |
| 164H120                         | 162H120                           | 20         | 120V C.T. @ .16A   | 60V @ .32A  |
| 164J120                         | 162J120                           | 36         | 120V C.T. @ .3A    | 60V @ .6A   |

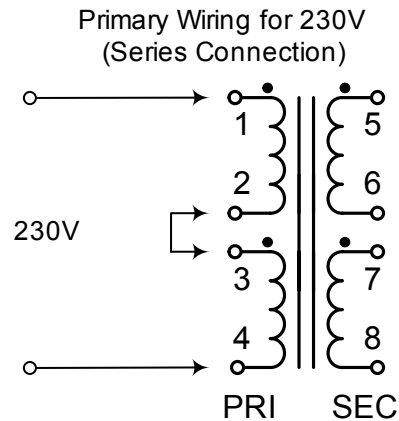
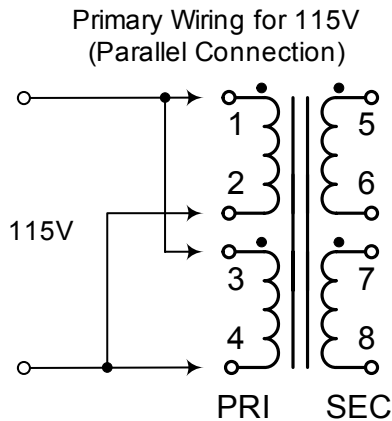
[www.hammondmfg.com](http://www.hammondmfg.com)

# Connection Information 162 / 164 Series Transformers

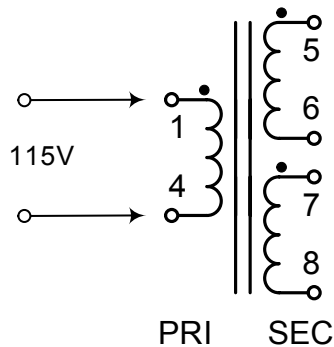


Pins 2 & 3 are omitted on the 164 series (single primary)

## Primary Connections - 162 Series Transformers



## Primary Connections - 164 Series Transformers



## Secondary Connections - both 162 & 164 Series Transformers

