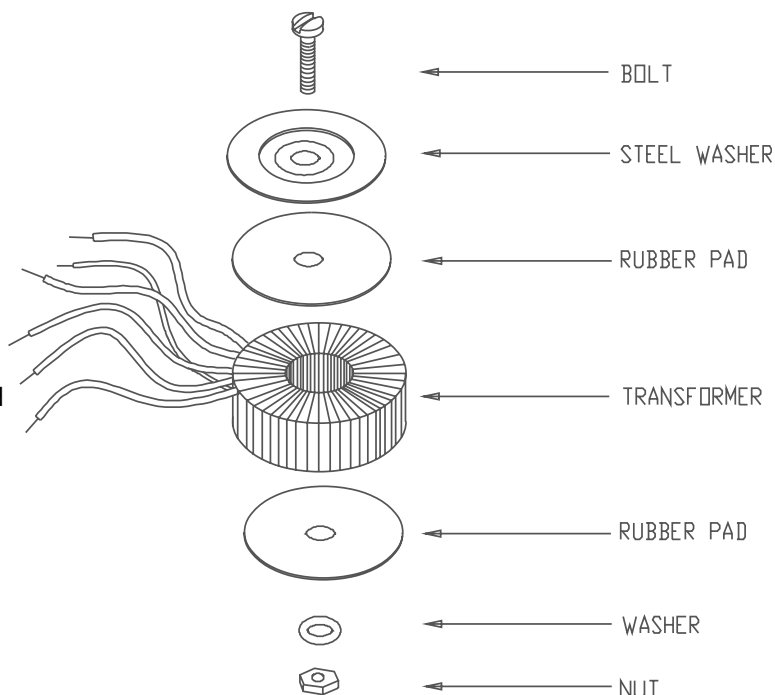




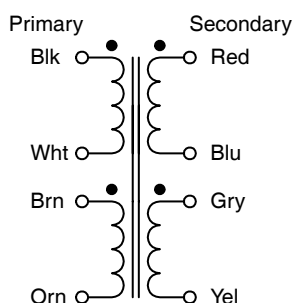
## TOROIDAL POWER TRANSFORMERS

- Low profile, lightweight, cool running - due to high efficiency toroidal design
- Dual 117/234 VAC primary, 50/60 Hz. operation
- Center single hole mounting
- Supplied with two rubber insulating pads, one metal centering washer and all mounting hardware
- Center bolt size is 10-24 x 3 inch RHMS zinc plated
- Minimum 8" long flexible leads
- Due to toroid design - no electrostatic shield required
- Hi-Pot test of 4,000V RMS between primary & secondary
- CSA certified to C22.2 #66 - CSA file #209651
- UL recognized to UL506 - UL file #E207860
- CE certified to IEC950

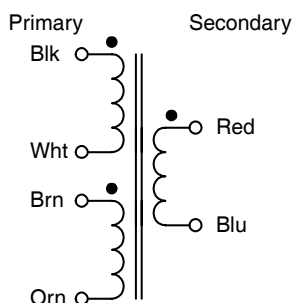


## Transformer Schematics

### Dual Secondary Schematic



### Single Secondary Schematic



## Dimension Table

| Dim. Ref. | Outside Diameter (Inches) | Height (Inches) | Weight (Lbs.) |
|-----------|---------------------------|-----------------|---------------|
| A         | 3.20                      | 1.25            | 0.76          |
| B         | 2.95                      | 1.60            | 1.12          |
| C         | 3.63                      | 1.73            | 1.67          |
| D         | 3.73                      | 1.52            | 2.15          |
| E         | 3.98                      | 1.68            | 2.84          |
| F         | 4.43                      | 1.73            | 3.87          |
| G         | 4.97                      | 1.90            | 4.96          |
| H         | 5.06                      | 2.27            | 5.58          |
| I         | 5.50                      | 2.21            | 8.46          |
| J         | 6.10                      | 3.10            | 10.38         |
| K         | 6.40                      | 3.10            | 13.53         |
| L         | 6.50                      | 3.50            | 16.49         |
| M         | 7.20                      | 3.50            | 24.97         |

For wiring diagrams - visit our website:

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### EUROPE

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### AUSTRALIA

Queenstown, Australia 61-8-8240-2244

Dual Primary 117/234 VAC 50/60 Hz.

| Part No. | VA   | Dual Secondary VAC (R.M.S.) |              | Dim. Ref |
|----------|------|-----------------------------|--------------|----------|
|          |      | Series                      | Parallel     |          |
| 182K6    | 15   | 12V C.T. @ 1.25A            | 6V @ 2.5A    | A        |
| 182L6    | 30   | 12V C.T. @ 2.5A             | 6V @ 5A      | B        |
| 182N6    | 50   | 12V C.T. @ 4.17A            | 6V @ 8.34A   | C        |
| 182Q6    | 80   | 12V C.T. @ 6.67A            | 6V @ 13.34A  | D        |
| 182H9    | 15   | 18V C.T. @ .83A             | 9V @ 1.66A   | A        |
| 182K9    | 30   | 18V C.T. @ 1.67A            | 9V @ 3.34A   | B        |
| 182M9    | 50   | 18V C.T. @ 2.78A            | 9V @ 5.56A   | C        |
| 182N9    | 80   | 18V C.T. @ 4.44A            | 9V @ 8.88A   | D        |
| 182Q9    | 120  | 18V C.T. @ 6.67A            | 9V @ 13.34A  | E        |
| 182G12   | 15   | 24V C.T. @ .63A             | 12V @ 1.26A  | A        |
| 182K12   | 30   | 24V C.T. @ 1.25A            | 12V @ 2.5A   | B        |
| 182L12   | 50   | 24V C.T. @ 2.08A            | 12V @ 4.16A  | C        |
| 182M12   | 80   | 24V C.T. @ 3.33A            | 12V @ 6.66A  | D        |
| 182P12   | 120  | 24V C.T. @ 5A               | 12V @ 10A    | E        |
| 182Q12   | 160  | 24V C.T. @ 6.67A            | 12V @ 13.34A | F        |
| 182S12   | 225  | 24V C.T. @ 9.38A            | 12V @ 18.76A | G        |
| 182T12   | 300  | 24V C.T. @ 12.5A            | 12V @ 25A    | H        |
| 182G15   | 15   | 30V C.T. @ .5A              | 15V @ 1A     | A        |
| 182J15   | 30   | 30V C.T. @ 1A               | 15V @ 2A     | B        |
| 182K15   | 50   | 30V C.T. @ 1.67A            | 15V @ 3.34A  | C        |
| 182M15   | 80   | 30V C.T. @ 2.67A            | 15V @ 5.34A  | D        |
| 182N15   | 120  | 30V C.T. @ 4A               | 15V @ 8A     | E        |
| 182P15   | 160  | 30V C.T. @ 5.33A            | 15V @ 10.66A | F        |
| 182H15   | 225  | 30V C.T. @ 7.5A             | 15V @ 15A    | G        |
| 182S15   | 300  | 30V C.T. @ 10A              | 15V @ 20A    | H        |
| 182F18   | 15   | 36V C.T. @ .42A             | 18V @ .84A   | A        |
| 182H18   | 30   | 36V C.T. @ .83A             | 18V @ 1.66A  | B        |
| 182J18   | 50   | 36V C.T. @ 1.39A            | 18V @ 2.78A  | C        |
| 182L18   | 80   | 36V C.T. @ 2.22A            | 18V @ 4.44A  | D        |
| 182M18   | 120  | 36V C.T. @ 3.33A            | 18V @ 6.66A  | E        |
| 182N18   | 160  | 36V C.T. @ 4.44A            | 18V @ 8.88A  | F        |
| 182G18   | 225  | 36V C.T. @ 6.25A            | 18V @ 12.5A  | G        |
| 182F22   | 15   | 44V C.T. @ .34A             | 22V @ .68A   | A        |
| 182G22   | 30   | 44V C.T. @ .68A             | 22V @ 1.36A  | B        |
| 182J22   | 50   | 44V C.T. @ 1.14A            | 22V @ 2.28A  | C        |
| 182L22   | 80   | 44V C.T. @ 1.82A            | 22V @ 3.64A  | D        |
| 182M22   | 120  | 44V C.T. @ 2.73A            | 22V @ 5.46A  | E        |
| 182N22   | 160  | 44V C.T. @ 3.64A            | 22V @ 7.28A  | F        |
| 182P22   | 225  | 44V C.T. @ 5.11A            | 22V @ 10.22A | G        |
| 182S24   | 500  | 48V C.T. @ 10.42A           | 24V @ 20.84A | I        |
| 182T24   | 625  | 48V C.T. @ 13.02A           | 24V @ 26.04A | J        |
| 182U24   | 750  | 48V C.T. @ 15.63A           | 24V @ 31.26A | K        |
| 182V24   | 1000 | 48V C.T. @ 20.8A            | 24V @ 41.6A  | L        |
| 182K30   | 80   | 60V C.T. @ 1.33A            | 30V @ 2.66A  | D        |
| 182L30   | 120  | 60V C.T. @ 2A               | 30V @ 4A     | E        |
| 182M30   | 160  | 60V C.T. @ 2.67A            | 30V @ 5.34A  | F        |
| 182F30   | 225  | 60V C.T. @ 3.75A            | 30V @ 7.5A   | G        |
| 182P30   | 300  | 60V C.T. @ 5A               | 30V @ 10A    | H        |
| 182R30   | 500  | 60V C.T. @ 8.33A            | 30V @ 16.66A | I        |
| 182S30   | 625  | 60V C.T. @ 10.42A           | 30V @ 20.84A | J        |
| 182T30   | 750  | 60V C.T. @ 12.5A            | 30V @ 25A    | K        |
| 182U30   | 1000 | 60V C.T. @ 16.7A            | 30V @ 33.4A  | L        |

Dual Primary 117/234 VAC 50/60 Hz.

| Part No. | VA   | Dual Secondary VAC (R.M.S.) |              | Dim. Ref |
|----------|------|-----------------------------|--------------|----------|
|          |      | Series                      | Parallel     |          |
| 182V40   | 1500 | 80V C.T. @ 18.8A            | 40V @ 37.6A  | M        |
| 182L60   | 300  | 120V C.T. @ 2.5A            | 60V @ 5A     | H        |
| 182N60   | 500  | 120V C.T. @ 4.17A           | 60V @ 8.34A  | I        |
| 182P60   | 625  | 120V C.T. @ 5.21A           | 60V @ 10.42A | J        |
| 182Q60   | 750  | 120V C.T. @ 6.25A           | 60V @ 12.5A  | K        |
| 182R60   | 1000 | 120V C.T. @ 8.3A            | 60V @ 16.6A  | L        |
| 182T60   | 1500 | 120V C.T. @ 12.5A           | 60V @ 25A    | M        |
| 182D110  | 15   | 220V C.T. @ 68ma            | 110V @ 136ma | A        |
| 182E110  | 30   | 220V C.T. @ 136ma           | 110V @ 272ma | B        |
| 182G110  | 50   | 220V C.T. @ 227ma           | 110V @ 454ma | C        |
| 182H110  | 80   | 220V C.T. @ 364ma           | 110V @ 728ma | D        |
| 182J110  | 120  | 220V C.T. @ 545ma           | 110V @ 1.09A | E        |
| 182K110  | 160  | 220V C.T. @ 727ma           | 110V @ 1.45A | F        |
| 182L110  | 225  | 220V C.T. @ 1.02A           | 110V @ 2.04A | G        |
| 182M110  | 300  | 220V C.T. @ 1.36A           | 110V @ 2.72A | H        |
| 182P110  | 500  | 220V C.T. @ 2.27A           | 110V @ 4.54A | I        |
| 182Q110  | 625  | 220V C.T. @ 2.84A           | 110V @ 5.68A | J        |
| 182R110  | 750  | 220V C.T. @ 3.41A           | 110V @ 6.82A | K        |
| 182S110  | 1000 | 220V C.T. @ 4.5A            | 110V @ 9A    | L        |
| 182U110  | 1500 | 220V C.T. @ 6.8A            | 110V @ 13.6A | M        |
| 182D117  | 15   | 234V C.T. @ 64ma            | 117V @ 128ma | A        |
| 182E117  | 30   | 234V C.T. @ 128ma           | 117V @ 256ma | B        |
| 182G117  | 50   | 234V C.T. @ 214ma           | 117V @ 428ma | C        |
| 182H117  | 80   | 234V C.T. @ 342ma           | 117V @ 684ma | D        |
| 182J117  | 120  | 234V C.T. @ 513ma           | 117V @ 1.02A | E        |
| 182K117  | 160  | 234V C.T. @ 684ma           | 117V @ 1.37A | F        |
| 182L117  | 225  | 234V C.T. @ .96A            | 117V @ 1.92A | G        |
| 182M117  | 300  | 234V C.T. @ 1.28A           | 117V @ 2.56A | H        |
| 182N117  | 500  | 234V C.T. @ 2.14A           | 117V @ 4.28A | I        |
| 182P117  | 625  | 234V C.T. @ 2.67A           | 117V @ 5.34A | J        |
| 182Q117  | 750  | 234V C.T. @ 3.21A           | 117V @ 6.42A | K        |
| 182R117  | 1000 | 234V C.T. @ 4.3A            | 117V @ 8.6A  | L        |
| 182T117  | 1500 | 234V C.T. @ 6.4A            | 117V @ 12.8A | M        |

Dual Primary 117/234 VAC 50/60 Hz.

| Part No. | VA   | Single Secondary VAC (R.M.S.) | Dim. Ref |
|----------|------|-------------------------------|----------|
| 182B240  | 15   | 240V @ 63ma                   | A        |
| 182D240  | 30   | 240V @ 125ma                  | B        |
| 182E240  | 50   | 240V @ 208ma                  | C        |
| 182F240  | 80   | 240V @ 333ma                  | D        |
| 182G240  | 120  | 240V @ .5A                    | E        |
| 182H240  | 160  | 240V @ 667ma                  | F        |
| 182J240  | 225  | 240V @ .94A                   | G        |
| 182K240  | 300  | 240V @ 1.25A                  | H        |
| 182L240  | 500  | 240V @ 2.08A                  | I        |
| 182M240  | 625  | 240V @ 2.6A                   | J        |
| 182N240  | 750  | 240V @ 3.13A                  | K        |
| 182P240  | 1000 | 240V @ 4.17A                  | L        |
| 182Q240  | 1500 | 240V @ 6.3A                   | M        |

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