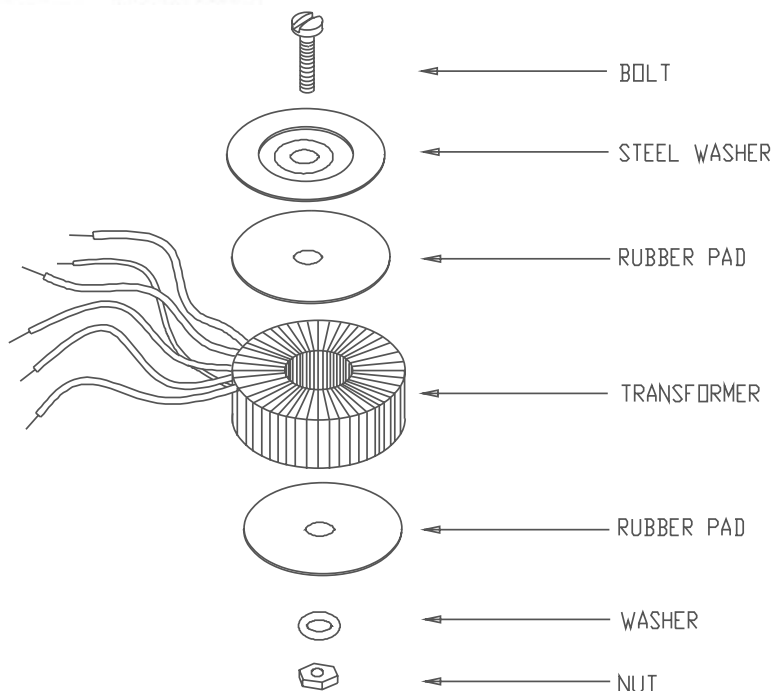


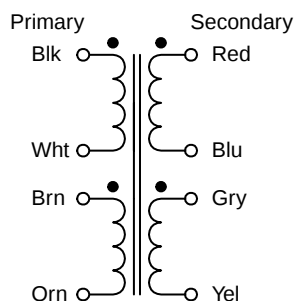


### TOROIDAL POWER L.V. RECTIFIER USE TRANSFORMERS

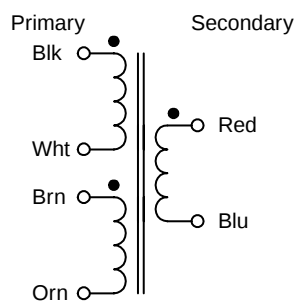
- Low profile
- Space saving and lightweight due to high efficiency toroidal design.
- Low EMF radiation.
- Dual primary 117/234 VAC, 50/60 Hz.
- Dual secondaries for series or parallel connections
- Chassis mount, complete with 2 rubber pads, steel washer and mounting hardware
- Minimum 8" long leads
- Hi-Pot test of 4,000V RMS
- CSA certified to C22.2 #66
- UL recognized to UL506
- CE certified to IEC 950



### Dual Secondary Schematic



### Single Secondary Schematic



### Dimension Table

| Mtg. Ref. | Outside Diameter (in.) | Height (in.) | 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         |

## Selection Tables

Primary 117/234 VAC 50/60 Hz.

| Cat. No. | VA  | VAC Secondary (RMS) |              | Dim. Ref. |
|----------|-----|---------------------|--------------|-----------|
|          |     | Series              | Parallel     |           |
| 182K6    | 15  | 12V ct @ 1.25A      | 6V @ 2.5A    | A         |
| 182H9    | 15  | 18V ct @ .83A       | 9V @ 1.66A   | A         |
| 182G12   | 15  | 24V ct @ .63A       | 12V @ 1.26A  | A         |
| 182G15   | 15  | 30V ct @ .5A        | 15V @ 1A     | A         |
| 182F18   | 15  | 36V ct @ .42A       | 18V @ .84A   | A         |
| 182F22   | 15  | 44V ct @ .34A       | 22V @ .68A   | A         |
| 182D110  | 15  | 220V ct @ 68ma      | 110V @ 136ma | A         |
| 182D117  | 15  | 234V ct @ 64ma      | 117V @ 128ma | A         |
| 182B240  | 15  | -                   | 240V @ 63ma  | A         |
| 182L6    | 30  | 12V ct @ 2.5A       | 6V @ 5A      | B         |
| 182K9    | 30  | 18V ct @ 1.67A      | 9V @ 3.34A   | B         |
| 182K12   | 30  | 24V ct @ 1.25A      | 12V @ 2.5A   | B         |
| 182J15   | 30  | 30V ct @ 1A         | 15V @ 2A     | B         |
| 182H18   | 30  | 36V ct @ .83A       | 18V @ 1.66A  | B         |
| 182G22   | 30  | 44V ct @ .68A       | 22V @ 1.36A  | B         |
| 182E110  | 30  | 220V ct @ 136ma     | 110V @ 272ma | B         |
| 182E117  | 30  | 234V ct @ 128ma     | 117V @ 256ma | B         |
| 182D240  | 30  | -                   | 240V @ 125ma | B         |
| 182N6    | 50  | 12V ct @ 4.17A      | 6V @ 8.34A   | C         |
| 182M9    | 50  | 18V ct @ 2.78A      | 9V @ 5.56A   | C         |
| 182L12   | 50  | 24V ct @ 2.08A      | 12V @ 4.16A  | C         |
| 182K15   | 50  | 30V ct @ 1.67A      | 15V @ 3.34A  | C         |
| 182J18   | 50  | 36V ct @ 1.39A      | 18V @ 2.78A  | C         |
| 182J22   | 50  | 44V ct @ 1.14A      | 22V @ 2.28A  | C         |
| 182G110  | 50  | 220V ct @ 227ma     | 110V @ 454ma | C         |
| 182G117  | 50  | 234V ct @ 214ma     | 117V @ 428ma | C         |
| 182E240  | 50  | -                   | 240V @ 208ma | C         |
| 182Q6    | 80  | 12V ct @ 6.67A      | 6V @ 13.34A  | D         |
| 182N9    | 80  | 18V ct @ 4.44A      | 9V @ 8.88A   | D         |
| 182M12   | 80  | 24V ct @ 3.33A      | 12V @ 6.66A  | D         |
| 182M15   | 80  | 30V ct @ 2.67A      | 15V @ 5.34A  | D         |
| 182L18   | 80  | 36V ct @ 2.22A      | 18V @ 4.44A  | D         |
| 182L22   | 80  | 44V ct @ 1.82A      | 22V @ 3.64A  | D         |
| 182K30   | 80  | 60V ct @ 1.33A      | 30V @ 2.66A  | D         |
| 182H110  | 80  | 220V ct @ 364ma     | 110V @ 728ma | D         |
| 182H117  | 80  | 234V ct @ 342ma     | 117V @ 684ma | D         |
| 182F240  | 80  | -                   | 240V @ 333ma | D         |
| 182Q9    | 120 | 18V ct @ 6.67A      | 9V @ 13.34A  | E         |
| 182P12   | 120 | 24V ct @ 5A         | 12V @ 10A    | E         |
| 182N15   | 120 | 30V ct @ 4A         | 15V @ 8A     | E         |
| 182M18   | 120 | 36V ct @ 3.33A      | 18V @ 6.66A  | E         |
| 182M22   | 120 | 44V ct @ 2.73A      | 22V @ 5.46A  | E         |
| 182L30   | 120 | 60V ct @ 2A         | 30V @ 4A     | E         |
| 182J110  | 120 | 220V ct @ 545ma     | 110V @ 1.09A | E         |
| 182J117  | 120 | 234V ct @ 513ma     | 117V @ 1.02A | E         |
| 182G240  | 120 | -                   | 240V @ .5A   | E         |
| 182Q12   | 160 | 24V ct @ 6.67A      | 12V @ 13.34A | F         |
| 182P15   | 160 | 30V ct @ 5.33A      | 15V @ 10.66A | F         |
| 182N18   | 160 | 36V ct @ 4.44A      | 18V @ 8.88A  | F         |
| 182N22   | 160 | 44V ct @ 3.64A      | 22V @ 7.28A  | F         |
| 182M30   | 160 | 60V ct @ 2.67A      | 30V @ 5.34A  | F         |
| 182K110  | 160 | 220V ct @ 727ma     | 110V @ 1.45A | F         |
| 182K117  | 160 | 234V ct @ 684ma     | 117V @ 1.37A | F         |
| 182H240  | 160 | -                   | 240V @ 667ma | F         |

Primary 117/234 VAC 50/60 Hz.

| Cat. No. | VA   | VAC Secondary (RMS) |              | Dim. Ref. |
|----------|------|---------------------|--------------|-----------|
|          |      | Series              | Parallel     |           |
| 182S12   | 225  | 24V ct @ 9.38A      | 12V @ 18.76A | G         |
| 182H15   | 225  | 30V ct @ 7.5A       | 15V @ 15A    | G         |
| 182G18   | 225  | 36V ct @ 6.25A      | 18V @ 12.5A  | G         |
| 182P22   | 225  | 44V ct @ 5.11A      | 22V @ 10.22A | G         |
| 182F30   | 225  | 60V ct @ 3.75A      | 30V @ 7.5A   | G         |
| 182L110  | 225  | 220V ct @ 1.02A     | 110V @ 2.04A | G         |
| 182L117  | 225  | 234V ct @ .96A      | 117V @ 1.92A | G         |
| 182J240  | 225  | -                   | 240V @ .94A  | G         |
| 182T12   | 300  | 24V ct @ 12.5A      | 12V @ 25A    | H         |
| 182S15   | 300  | 30V ct @ 10A        | 15V @ 20A    | H         |
| 182P30   | 300  | 60V ct @ 5A         | 30V @ 10A    | H         |
| 182L60   | 300  | 120V ct @ 2.5A      | 60V @ 5A     | H         |
| 182M110  | 300  | 220V ct @ 1.36A     | 110V @ 2.72A | H         |
| 182M117  | 300  | 234V ct @ 1.28A     | 117V @ 2.56A | H         |
| 182K240  | 300  | -                   | 240V @ 1.25A | H         |
| 182S24   | 500  | 48V ct @ 10.42A     | 24V @ 20.82A | I         |
| 182R30   | 500  | 60V ct @ 8.33A      | 30V @ 16.66A | I         |
| 182N60   | 500  | 120V ct @ 4.17A     | 60V @ 8.34A  | I         |
| 182P110  | 500  | 220V ct @ 2.27A     | 110V @ 4.54A | I         |
| 182N117  | 500  | 234V ct @ 2.14A     | 117V @ 4.28A | I         |
| 182L240  | 500  | -                   | 240V @ 2.08A | I         |
| 182T24   | 625  | 48V ct @ 13.02A     | 24V @ 26.04A | J         |
| 182S30   | 625  | 60V ct @ 10.42A     | 30V @ 20.84A | J         |
| 182P60   | 625  | 120V ct @ 5.21A     | 60V @ 10.42A | J         |
| 182Q110  | 625  | 220V ct @ 2.84A     | 110V @ 5.68A | J         |
| 182P117  | 625  | 234V ct @ 2.67A     | 117V @ 5.34A | J         |
| 182M240  | 625  | -                   | 240V @ 2.6A  | J         |
| 182U24   | 750  | 48V ct @ 15.63A     | 24V @ 31.26A | K         |
| 182T30   | 750  | 60V ct @ 12.5A      | 30V @ 25A    | K         |
| 182Q60   | 750  | 120V ct @ 6.25A     | 60V @ 12.5A  | K         |
| 182R110  | 750  | 220V ct @ 3.41A     | 110V @ 6.82A | K         |
| 182Q117  | 750  | 234V ct @ 3.21A     | 117V @ 6.42A | K         |
| 182N240  | 750  | -                   | 240V @ 3.13A | K         |
| 182V24   | 1000 | 48V ct @ 20.8A      | 24V @ 41.7A  | L         |
| 182U30   | 1000 | 60V ct @ 16.7A      | 30V @ 33.3A  | L         |
| 182R60   | 1000 | 120V ct @ 8.3A      | 60V @ 16.7A  | L         |
| 182S110  | 1000 | 220V ct @ 4.5A      | 110V @ 9.1A  | L         |
| 182R117  | 1000 | 234V ct @ 4.3A      | 117V @ 8.5A  | L         |
| 182P240  | 1000 | -                   | 240V @ 4.17A | L         |
| 182V40   | 1500 | 80V ct @ 18.8A      | 40V @ 37.5A  | M         |
| 182T60   | 1500 | 120V ct @ 12.5A     | 60V @ 25A    | M         |
| 182U110  | 1500 | 220V ct @ 6.8A      | 110V @ 13.6A | M         |
| 182T117  | 1500 | 234V ct @ 6.4A      | 117V @ 12.8A | M         |
| 182Q240  | 1500 | -                   | 240V @ 6.3A  | M         |

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