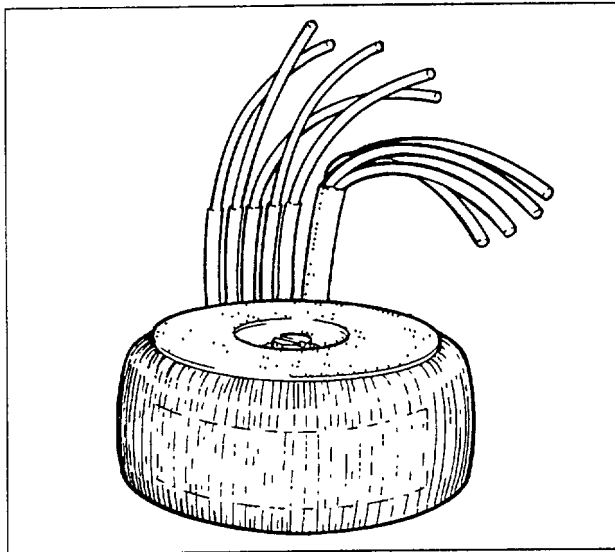


177-05,  
432 - 740



TRANSFORMERS

## TOROIDAL MAINS TRANSFORMERS

### 0 - 110, 0 - 110 - 130V AC Primary Toroidal Transformers to VDE 0550

A range of toroidal transformers with twin secondary outputs and two primary windings of 0 - 110V, 0 - 110 - 130V which may be connected for 110V, 220V or 240V AC inputs

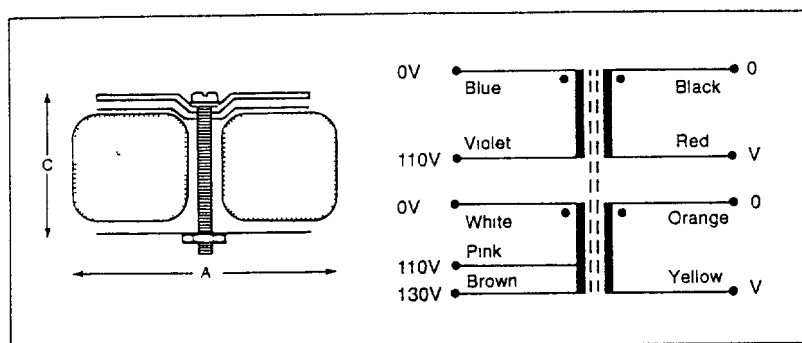
Up to 50% saving on weight and volume compared to traditional stacked lamination types, and virtual absence of an external magnetic field. Inherent in the toroidal type of construction is a low height profile which is compatible with components now being used in power supplies for 'slimline' electronic equipment. The high efficiency which can be obtained with toroidal transformers enables them to be conservatively rated without incurring actual size penalties

Each transformer is supplied with a dished washer, protection pads and bolt for easy single hole fixing. The protection pads should be fitted one above and one below the transformer with the dished washer on top of the upper pad. Tighten the bolt firmly but do not over tighten as this will cause crushing of the windings and possible shorted turns.

- ▶ 30 to 330 VA ranges, 28 models
- ▶ Twin primary 0 - 110 and 0 - 110 - 130V
- ▶ Manufactured in accordance with BS 415 Class 2, IEC 742 Class 2, and VDE 0550 Class 2
- ▶ Up to 50% saving on weight and volume
- ▶ Supplied with fixings
- ▶ Low height 'slimline' profile



## TOROIDAL MAINS TRANSFORMERS



# TRANSFORMERS

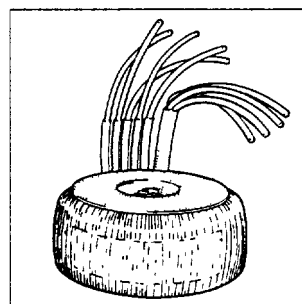
### Order Codes

		CODE
<b>30VA</b>		
0 - 6V, 0 - 6V	@ 2.50A	Z2857
0 - 9V, 0 - 9V	@ 1.67A	Z2858
0 - 12V, 0 - 12V	@ 1.25A	Z2859
0 - 15V, 0 - 15V	@ 1.00A	Z2860
0 - 18V, 0 - 18V	@ 0.83A	Z2861
0 - 25V, 0 - 25V	@ 0.60A	Z2862
<b>60VA</b>		
0 - 9V, 0 - 9V	@ 3.33A	Z2502
0 - 12V, 0 - 12V	@ 2.50A	Z2503
0 - 15V, 0 - 15V	@ 2.00A	Z2504
0 - 18V, 0 - 18V	@ 1.67A	Z2501
0 - 25V, 0 - 25V	@ 1.20A	Z2505
<b>100VA</b>		
0 - 12V, 0 - 12V	@ 4.17A	Z2506
0 - 15V, 0 - 15V	@ 3.33A	Z2507
0 - 18V, 0 - 18V	@ 2.78A	Z2500
0 - 25V, 0 - 25V	@ 2.00A	Z2508
<b>160VA</b>		
0 - 18V, 0 - 18V	@ 4.44A	Z2510
0 - 25V, 0 - 25V	@ 3.20A	Z2511
0 - 30V, 0 - 30V	@ 2.67A	Z2509
<b>250VA</b>		
0 - 12V, 0 - 12V	@ 10.4A	Z3177
0 - 18V, 0 - 18V	@ 6.94A	Z3179
0 - 25V, 0 - 25V	@ 5.00A	Z3180
0 - 30V, 0 - 30V	@ 4.17A	Z3181
0 - 35V, 0 - 35V	@ 3.57A	Z3182
0 - 40V, 0 - 40V	@ 3.13A	Z3183
0 - 45V, 0 - 45V	@ 2.78A	Z3184
0 - 50V, 0 - 50V	@ 2.50A	Z3185
<b>330VA</b>		
0 - 15V, 0 - 15V	@ 11.00A	Z3186
0 - 18V, 0 - 18V	@ 9.17A	Z3187

### Note:

Under no circumstances should both ends of the fixing bolt be allowed to simultaneously come into contact with the metal chassis or framework so that an electrical path is formed through the bolt in the centre of the transformer via the external framework.

Switch on current is higher than that of conventional transformers and a slow to blow fuse may be required with transformers larger than 200VA.



### Transformer specifications

	30VA	60VA	100VA	160VA	250VA	330VA
Regulation %	15	13	10	10	6	6
Temperature rise °C	55	55	60	60	60	60
Height mm	30	33	40	42	55	50
Diameter mm	70	87	88	108	120	130
Bolt diameter mm	5	6	6	6	6	8
Bolt length mm	35	45	55	55	55	80

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