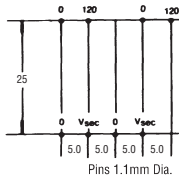
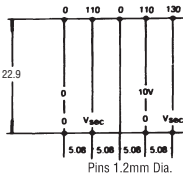


## PCB Mounting — continued

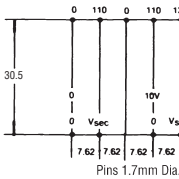
### 3VA to 12VA



3VA: H = 30 (above PCB), W = 38, D = 36



6VA: H = 35 (above PCB), W = 35.5, D = 43



12VA: H = 45.5 (above PCB), W = 47.5, D = 57 FC = 47.6 38.1 4BA

PCB Pin-outs (underside view)



A range of low voltage mains transformers with independent primary windings. The primary windings of the 3VA transformers may be connected in series for 240V or in parallel for 120V. 6VA and 12VA transformer primary windings may be connected in series for 220V and 240V or in parallel for 110V operation. The double bobbin construction eliminates the need for an interwinding screen and gives double insulation between primary and secondary winding.

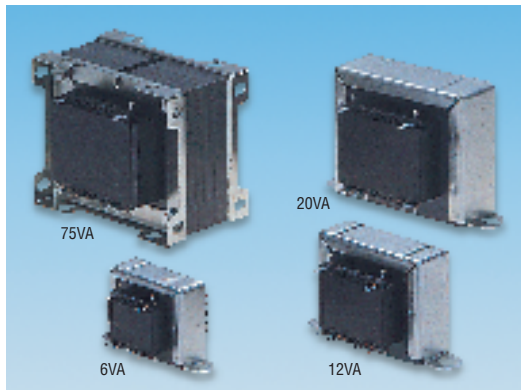
All transformers are manufactured to **BS415** and are 4kV flash tested.

TR6

3VA - 20% Typical Regulation	Mfrs. List No.	Order Code	1+	20+	50+	100+
0-4.5V, 0-4.5V @ 0.33A	D3606	330-3792				
0-6V, 0-6V @ 0.25A	D3607	330-3809				
0-9V, 0-9V @ 0.16A	D3608	330-3810				
0-12V, 0-12V @ 0.12A	D3609	330-3822				
0-15V, 0-15V @ 0.1A	D3610	330-3834				
0-20V, 0-20V @ 0.07A	D3611	330-3846				
0-24V, 0-24V @ 0.06A	D3612	330-3858				
<b>6VA - 28% Typical Regulation</b>						
0-4.5V, 0-4.5V @ 0.6A	D3613	330-3860				
0-6V, 0-6V @ 0.5A	D3614	330-3871				
0-9V, 0-9V @ 0.33A	D3615	330-3883				
0-10V @ 0.6A	D3616	330-3895				
0-12V, 0-12V @ 0.25A	D3617	330-3901				
0-15V, 0-15V @ 0.2A	D3618	330-3913				
0-20V, 0-20V @ 0.15A	D3619	330-3925				
0-24V, 0-24V @ 0.125A	D3620	330-3937				
<b>12VA - 12% Typical Regulation</b>						
0-6V, 0-6V @ 1A	D3621	330-3949				
0-9V, 0-9V @ 0.6A	D3622	330-3950				
0-10V @ 1.2A	D3623	330-3962				
0-12V, 0-12V @ 0.5A	D3624	330-3974				
0-15V, 0-15V @ 0.4A	D3625	330-3986				
0-20V, 0-20V @ 0.3A	D3626	330-3998				
0-24V, 0-24V @ 0.25A	D3627	330-4000				

## Clamp Mounting

### 230V Single Primary 6VA to 200VA



- Chassis mounting low voltage mains transformers with 230V ac primary
  - 2 secondary windings to be connected in series or parallel
  - Double section bobbins on interleaved lamination provide 3.75kV isolation
  - Fixing by clamp on models up to 50VA, and frame construction above
  - Tested to meet **EN60065** and **EN60742\***
- \* Requires additional fuse protection

VA	Dimensions			FC	Fixing Style	Weight kg	Typical Regulation %
	W	D	H				
6	45	40	37	54	Clamp	0.2	25
12	59	50	50	72	Clamp	0.4	12
20	59	56	50	72	Clamp	0.55	10
50	79	62	65	92	Clamp	1.0	10
75	79	75	67	54 54	Frame	1.5	10
100	89	68	75	57 44	Frame	1.6	10
150	100	78	85	72 58	Frame	2.2	10
200	100	90	85	72 68	Frame	2.8	7

TR80X TR81X

Order Code	Price Each				
	1+	20+	50+	100+	250+ 500+

#### 6VA - 25% Typical Regulation

0-5V, 0-5V @ 0.6A	696-390
0-6V, 0-6V @ 0.5A	696-407
0-9V, 0-9V @ 0.33A	696-419
0-12V, 0-12V @ 0.25A	696-420
0-15V, 0-15V @ 0.2A	696-432
0-18V, 0-18V @ 0.17A	696-444
0-20V, 0-20V @ 0.15A	696-456
0-24V, 0-24V @ 0.12A	696-468
Terminal shroud for 6VA transformers	177-221.

#### 12VA - 12% Typical Regulation

0-5V, 0-5V @ 1.2A	696-470
0-6V, 0-6V @ 1.0A	696-481
0-9V, 0-9V @ 0.67A	696-493
0-12V, 0-12V @ 0.5A	696-500
0-15V, 0-15V @ 0.4A	696-511
0-18V, 0-18V @ 0.33A	696-523
0-20V, 0-20V @ 0.3A	696-535
0-24V, 0-24V @ 0.25A	696-547
Terminal shroud for 12VA transformers	177-222.

#### 20VA - 10% Typical Regulation

0-5V, 0-5V @ 2.0A	696-559
0-6V, 0-6V @ 1.67A	696-560
0-6.3V, 0-6.3V @ 1.59A	696-572
0-9V, 0-9V @ 1.1A	696-584
0-12V, 0-12V @ 0.83A	696-596
0-18V, 0-18V @ 0.55A	696-602
0-20V, 0-20V @ 0.5A	696-614
0-24V, 0-24V @ 0.42A	696-626
Terminal shroud for 20VA transformers	177-222.

#### 50VA - 10% Typical Regulation

0-6V, 0-6V @ 4.17A	696-638
0-9V, 0-9V @ 2.78A	696-640
0-12V, 0-12V @ 2.08A	696-651
0-15V, 0-15V @ 1.67A	696-663
0-18V, 0-18V @ 1.39A	696-675
0-20V, 0-20V @ 1.25A	696-687
0-24V, 0-24V @ 1.04A	696-699
Terminal shroud for 50VA transformers	177-223.

#### 75VA - 10% Typical Regulation

0-6V, 0-6V @ 6.25A	696-705
0-9V, 0-9V @ 4.17A	696-717
0-12V, 0-12V @ 3.12A	696-729
0-15V, 0-15V @ 2.5A	696-730
0-18V, 0-18V @ 2.08A	696-742
0-24V, 0-24V @ 1.56A	696-754
0-50V, 0-50V @ 0.75A	696-766
Terminal shroud for 75VA transformers	177-223.

#### 100VA - 10% Typical Regulation

0-6V, 0-6V @ 8.33A	696-778
0-9V, 0-9V @ 5.55A	696-780
0-12V, 0-12V @ 4.17A	696-791
0-15V, 0-15V @ 3.33A	696-808
0-18V, 0-18V @ 2.78A	696-810
0-20V, 0-20V @ 2.5A	696-821
0-24V, 0-24V @ 2.08A	696-833
0-30V, 0-30V @ 1.67A	696-845
0-50V, 0-50V @ 1.0A	696-857
Terminal shroud for 100VA transformers	177-223.

#### 150VA - 10% Typical Regulation

0-6V, 0-6V @ 12.5A	696-869
0-9V, 0-9V @ 8.33A	696-870
0-12V, 0-12V @ 6.25A	696-882
0-15V, 0-15V @ 5.0A	696-894
0-18V, 0-18V @ 4.17A	696-900
0-24V, 0-24V @ 3.12A	696-912
0-50V, 0-50V @ 1.5A	696-924

#### 200VA - 7% Typical Regulation

0-6V, 0-6V @ 16.7A	696-936
0-9V, 0-9V @ 11.1A	696-948
0-12V, 0-12V @ 8.3A	696-950
0-15V, 0-15V @ 6.67A	696-961
0-18V, 0-18V @ 5.55A	696-973
0-20V, 0-20V @ 5.0A	696-985
0-24V, 0-24V @ 4.17A	696-997
0-30V, 0-30V @ 3.33A	697-000
0-50V, 0-50V @ 2.0A	697-011