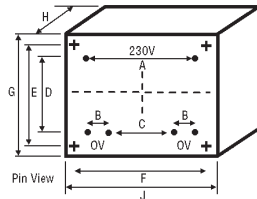
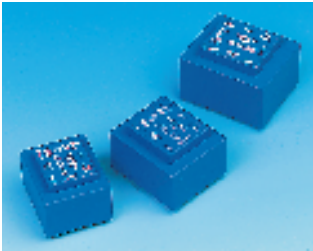


	Price Each				
	1+	20+	50+	100+	250+
7.5VA - 3.75VA per secondary winding					
0-6, 0-6V @ 0.63A	D2186		976-647		
0-9, 0-9V @ 0.42A	D2187		976-659		
0-12, 0-12V @ 0.31A	D2188		976-660		
0-15, 0-15V @ 0.25A	D2189		976-672		
0-18, 0-18V @ 0.21A	D2190		976-684		
13VA - 6.5VA per secondary winding					
0-6, 0-6V @ 1.08A	D2191		976-696		
0-9, 0-9V @ 0.72A	D2192		976-702		
0-12, 0-12V @ 0.54A	D2193		976-714		
0-15, 0-15V @ 0.43A	D2194		976-726		
0-18, 0-18V @ 0.36A	D2195		976-738		

Short Circuit Proof Approved to EN60950



- Single 230V primary
- Internal PTC device provides protection against short circuit
- Encapsulation resin to **UL94V-0** - filled under vacuum
- Double section bobbins

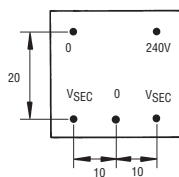
- 5kV primary/secondary isolation
- 100% Flash and Electrical tested
- **Approved and Independently Certified to EN60950**
- Designed and manufactured to **VDE 0551/EN60742**

RATING (VA)		4.5	7.5	13
Pin Spacing (230V PRI)	A	25	25	30
Pin Spacing (SEC)	B	5	5	5
Pin Spacing (SEC)	C	15	15	20
Pin Row Separation	D	25	27.5	30
Pin Length (0.635sq)	E	5	5	4
Box Length	J	45	51	56
Box Width	G	38	43	47
Box Height	H	31.5	34.5	39
Fixing Centres (No. 4 8mm screws)	E	28	32	36
Fixing Centres (No. 4 8mm screws)	F	35	40	45
Weight		190	280	420
TYPICAL REGULATION (%)		25	22	19

TR92

	Mfrs. List No.	Order Code	Price Each				
			1+	20+	50+	100+	250+
4.5VA - 2.25VA per secondary winding							
0-6, 0-6V @ 0.375A	D2181	976-593					
0-9, 0-9V @ 0.25A	D2182	976-600					
0-12, 0-12V @ 0.19A	D2183	976-611					
0-15, 0-15V @ 0.15A	D2184	976-623					
0-18, 0-18V @ 0.13A	D2185	976-635					
7.5VA - 3.75VA per secondary winding							
0-6, 0-6V @ 0.63A	D2186	976-647					
0-9, 0-9V @ 0.42A	D2187	976-659					
0-12, 0-12V @ 0.31A	D2188	976-660					
0-15, 0-15V @ 0.25A	D2189	976-672					
0-18, 0-18V @ 0.21A	D2190	976-684					
13VA - 6.5VA per secondary winding							
0-6, 0-6V @ 1.08A	D2191	976-696					
0-9, 0-9V @ 0.72A	D2192	976-702					
0-12, 0-12V @ 0.54A	D2193	976-714					
0-15, 0-15V @ 0.43A	D2194	976-726					
0-18, 0-18V @ 0.36A	D2195	976-738					

1.2VA, 240V Primary



H = 30 (excl. pins), W = 32.5, D = 27.5
Pin length = 4, dia = 1

Underside view

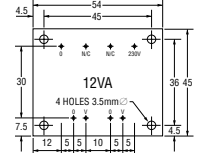
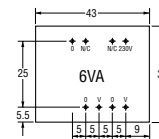
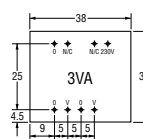
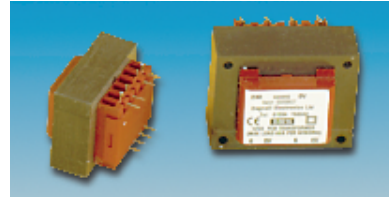
Miniature polyurethane encapsulated transformers for PCB mounting, with a single 240V primary winding and a centre tapped secondary total rating 1.2VA. Typical regulation 21%. Manufactured to **BS415 Class 2, VDE0550 Class 2 and IEC742 Class 2**, and flash tested at 4.4kV primary to secondary.

TR71

	Mfrs. List No.	Order Code	Price Each				
			1+	20+	50+	100+	250+
4.5V-0-4.5V @ 0.133A	D3600	330-4905					
6V-0-6V @ 0.10A	D3601	330-4917					
9V-0-9V @ 0.06A	D3602	330-4929					
12V-0-12V @ 0.05A	D3603	330-4930					
15V-0-15V @ 0.04A	D3604	330-4942					
20V-0-20V @ 0.03A	D3605	330-4954					

PCB Mounting

230V or 115+115V Primary Metric Pitch



- Harmonised European input voltage in single (230V) or dual (115+155V) primary winding
- Flame retardant materials to **UL94V-0**
- Independent secondary windings suitable for connecting in series or parallel giving a wide range of output voltage options
- Double section metric bobbin construction

- Fully shrouded windings
- Additional pins for secure board mounting
- Suitable for 50/60Hz operation
- 100% electrical and 4.8kV flash testing
- Designed, manufactured and tested in accordance with **BS3535, EN60742*** and **EN60950**

*Requires additional fuse protection

TR96

	Mfrs. List No.	Order Code	Price Each		
			1+	20+	50+
230V Single Primary					
3VA - 1.5VA per secondary winding					
0-6V, 0-6V @ 0.25A	D3000	159-311			
0-9V, 0-9V @ 0.167A	D3001	159-323			
0-12V, 0-12V @ 0.125A	D3002	159-335			
0-15V, 0-15V @ 0.10	D3003	159-347			
6VA - 3VA per secondary winding					
0-6V, 0-6V @ 0.50A	D3008	159-359			
0-9V, 0-9V @ 0.33A	D3009	159-360			
0-12V, 0-12V @ 0.25A	D3010	159-372			
0-15V, 0-15V @ 0.20	D3011	159-384			
12VA - 6VA per secondary winding					
0-6V, 0-6V @ 1.0A	D3016	159-396			
0-9V, 0-9V @ 0.66A	D3017	159-402			
0-12V, 0-12V @ 0.50A	D3018	159-414			
0-15V, 0-15V @ 0.40	D3019	159-426			
115V +115V Primary					
3VA - 1.5VA per secondary winding					
0-6V, 0-6V @ 0.25A	D3004	159-438			
0-9V, 0-9V @ 0.167A	D3005	159-440			
0-12V, 0-12V @ 0.125A	D3006	159-451			
0-15V, 0-15V @ 0.10	D3007	159-463			
6VA - 3VA per secondary winding					
0-6V, 0-6V @ 0.50A	D3012	159-475			
0-9V, 0-9V @ 0.33A	D3013	159-487			
0-12V, 0-12V @ 0.25A	D3014	159-499			
0-15V, 0-15V @ 0.20	D3015	159-505			
12VA - 6VA per secondary winding					
0-6V, 0-6V @ 1.0A	D3020	159-517			
0-9V, 0-9V @ 0.66A	D3021	159-529			
0-12V, 0-12V @ 0.50A	D3022	159-530			
0-15V, 0-15V @ 0.40	D3023	159-542			

continued

Fixed Prices

We aim to maintain all prices in this book for the lifetime of this issue.