

Toroidal

Installation Recommendations

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 overtighten as this will cause crushing of the windings and possibly shorting turns.

Note : Under no circumstances should both ends of the fixing bolt be allowed to come simultaneously into contact with metal chassis or framework so that an electrical path is formed through the bolt in the centre of the transformer via the external framework. This would constitute a shorting and would cause irreparable damage.

TR77X

115V/230V ac Twin Primary



- Double insulated primary leadouts
- Flexible leadouts can be trimmed to any length without the need of removal of enamel
- Design, manufactured and tested in accordance with **EN60742** and **EN60950**
- **UL** recognised
- Supplied with mounting dish, bolt and 2 foam pads

multicomp

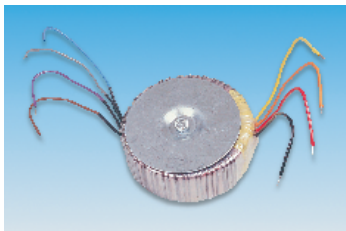
Best value

Transformer	15VA	30VA	50VA	60VA	100VA	120VA	160VA	250VA	300VA
Rating	@15VA	@30VA	@50VA	@60VA	@100VA	@120VA	@160VA	@250VA	@300VA
Regulation%	13.9	13.7	11.8	11.1	8.0	8.5	6.7	6.4	6.0
Temp. rise °C	26	43	48	48	49	52	52	52	50
Height	28	28	30	30	41	42	42	49	49
Diameter	60	67	76	85	85	89	100	119	119
Bolt diameter	5	5	5	6	6	6	6	6	6
Bolt length	40	40	40	50	50	50	60	60	60

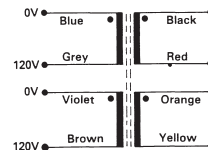
TR110

Transformer	Order Code	Price Each				
		1+	10+	20+	50+	100+
15VA						
0-6V, 0-6V @ 1.25A	306-8547					
0-9V, 0-9V @ 0.83A	306-8559					
0-12V, 0-12V @ 0.63A	306-8560					
0-15V, 0-15V @ 0.5A	306-8572					
0-18V, 0-18V @ 0.42A	306-8584					
30VA						
0-6V, 0-6V @ 2.5A	306-8596					
0-9V, 0-9V @ 1.67A	306-8602					
0-12V, 0-12V @ 1.25A	306-8614					
0-15V, 0-15V @ 1.0A	306-8626					
0-18V, 0-18V @ 0.83A	306-8638					
0-25V, 0-25V @ 0.6A	306-8640					
50VA						
0-6V, 0-6V @ 4.17A	306-8651					
0-9V, 0-9V @ 2.78A	306-8663					
0-12V, 0-12V @ 2.08A	306-8675					
0-15V, 0-15V @ 1.67A	306-8687					
0-18V, 0-18V @ 1.39A	306-8699					
0-25V, 0-25V @ 1.0A	306-8705					
0-55V, 0-55V @ 0.45A	306-8717					
60VA						
0-9V, 0-9V @ 3.33A	306-8729					
0-12V, 0-12V @ 2.5A	306-8730					
0-15V, 0-15V @ 2.0A	306-8742					
0-18V, 0-18V @ 1.67A	306-8754					
0-25V, 0-25V @ 1.2A	306-8766					
100VA						
0-12V, 0-12V @ 4.17A	306-8778					
0-15V, 0-15V @ 3.33A	306-8780					
0-18V, 0-18V @ 2.78A	306-8791					
0-25V, 0-25V @ 2.0A	306-8808					
120VA						
0-12V, 0-12V @ 5.0A	306-8810					
0-15V, 0-15V @ 4.0A	306-8821					
0-18V, 0-18V @ 3.33A	306-8833					
0-25V, 0-25V @ 2.4A	306-8845					
0-55V, 0-55V @ 1.09A	306-8857					
160VA						
0-12V, 0-12V @ 6.67A	306-8869					
0-15V, 0-15V @ 5.33A	306-8870					
0-18V, 0-18V @ 4.44A	306-8882					
0-25V, 0-25V @ 3.2A	306-8894					
0-30V, 0-30V @ 2.67A	306-8900					
0-55V, 0-55V @ 1.45A	306-8912					
250VA						
0-12V, 0-12V @ 10.42A	306-8924					
0-18V, 0-18V @ 6.94A	306-8936					
0-25V, 0-25V @ 5.0A	306-8948					
0-30V, 0-30V @ 4.17A	306-8950					
0-35V, 0-35V @ 3.57A	306-8961					
0-40V, 0-40V @ 3.13A	306-8973					
0-45V, 0-45V @ 2.78A	306-8985					
0-50V, 0-50V @ 2.5A	306-8997					
300VA						
0-25V, 0-25V @ 6.0A	306-9000					
0-30V, 0-30V @ 5.0A	306-9011					
0-35V, 0-35V @ 4.28A	306-9023					
0-55V, 0-55V @ 2.73A	306-9035					

120V ac Twin Primary, 330VA



H = 50mm (excl. fixing kit), Dia. = 130mm
Fixing bolt length = 80, dia = 8



330VA transformers with twin primary and secondary windings, manufactured to **BS415 Class 2, VDE0550** and **IEC742 Class 2**.

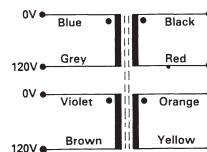
◆ SEE TOROIDAL TRANSFORMER INSTALLATION RECOMMENDATIONS AND NOTE ON PAGE <177952>

Output	No load o/p per sec. (V)	Secondary Resistance (Ω)	Regulation %	Mfrs. List No.	Order Code
0-15V, 0-15V @ 11A	15.9V	0.082	5	Z3214	523-069
0-18V, 0-18V @ 9.17A	19.2V	0.110	6	Z3215	523-070

TR74

Transformer	Order Code	Price Each				
		1+	20+	50+	75+	150+
0-15V, 0.15V @ 11A	523-069					
0-18V, 0-18V @ 9.17A	523-070					

120V ac Twin Primary



A range of toroidal transformers with twin primary windings manufactured to **BS415 Class 2, IEC65 Class 2, VDE0550 Class 2** and recognised to **UL506**.

Up to 50% saving on weight and volume compared against 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.

◆ SEE TOROIDAL TRANSFORMER INSTALLATION RECOMMENDATIONS AND NOTE ON PAGE <177951>

Transformer	30VA		60VA		100VA	
	@ 30VA	@ 20VA	@ 60VA	@ 50VA	@ 100VA	@ 75VA
Ratings	16	11	13	10	10	8
Regulation %	50	25	50	35	50	35
Temp rise °C						
Height incl. fixing kit	33		38		47	
Diameter	70		88		91	
Bolt diameter	5		6		6	

Transformer	160VA		330VA		530VA	
	@ 160VA	@ 120VA	@ 330VA	@ 250VA	@ 530VA	@ 400VA
Ratings	9	6	7	5	6	4
Regulation %	56	35	58	35	60	40
Temp rise °C						
Height incl. fixing kit	48		56		65	
Diameter	113		133		150	
Bolt diameter	6		8		8	

TR7X

Transformer	Order Code	Price Each				
		1+	20+	50+	100+	250+
30VA						
0-6V, 0-6V @ 2.5A	148-950					
0-9V, 0-9V @ 1.67A	148-951					
0-12V, 0-12V @ 1.25A	148-952					
0-15V, 0-15V @ 1.00A	148-953					
0-18V, 0-18V @ 0.83A	149-990					
60VA						
0-9V, 0-9V @ 3.33A	148-955					
0-12V, 0-12V @ 2.50A	148-956					
0-15V, 0-15V @ 2.00A	148-957					
0-18V, 0-18V @ 1.67A	149-991					
0-25V, 0-25V @ 1.20A	148-958					
100VA						
0-12V, 0-12V @ 4.17A	148-959					
0-15V, 0-15V @ 3.33A	148-960					
0-18V, 0-18V @ 2.78A	149-992					
0-25V, 0-25V @ 2.00A	148-961					
160VA						
0-18V, 0-18V @ 4.44A	148-962					
0-25V, 0-25V @ 3.20A	148-963					
0-30V, 0-30V @ 2.67A	177-940					