

UK, USA & Europe Voltage Conversion

The Toroidal Range

When North American travellers come to England, they are presented with the harmonised European 230V.a.c mains supply, as opposed to 120V.a.c as used in North America. Europeans have the opposite problem, they need a step-up transformer.

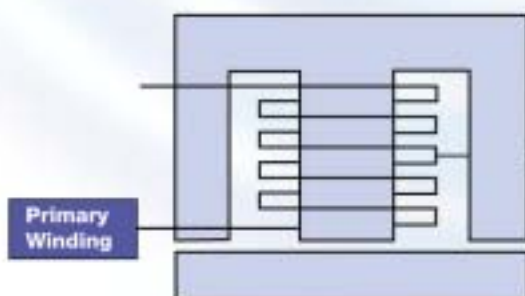
The Tacima range of transformers incorporate many design features to produce a superior product.

Features: (Excluding 30VA, 50VA)

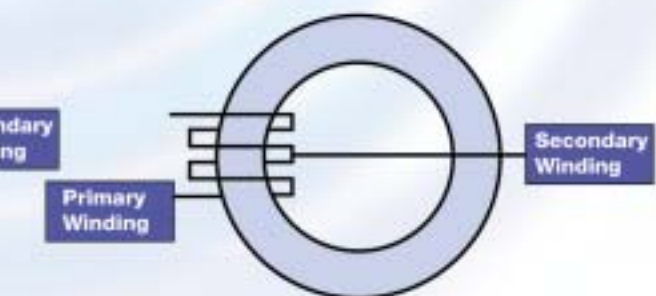
- Moulded plastic enclosure to produce an attractive product for the home.
- Double locking safety feature of the enclosure to prevent damage following misuse.
- Full Encapsulation of the Transformer -
 - a) Improves heat dissipation
 - b) Prevents ingress of moisture, etc.
- Toroidal Construction -
 - a) Lower height
 - b) Negligible external magnetic field
 - c) Improved efficiency
 - d) Smaller size
 - e) Reduced weight

Whereas traditional laminated transformers have laminated cores, Toroidal mains transformers are wound on an iron ring (Torus) and are becoming more widely used due to improved modern winding techniques.

Traditional Laminated Construction



Toroidal Construction



All step-up and step-down models in our range are auto-transformers, and do NOT provide isolation between the Input and Output.

STEP DOWN TRANSFORMER - USA EQUIPMENT FOR USE IN THE UK



TYPE Autotransformer
 WINDING Toroidal
 INPUT 220/240V A.C. 50/60 Hz.
 OUTPUT 110/120V A.C. 50/60 Hz.
 PROTECTION Input fuse, output fuse
 MAINS LEAD 1.4 Metre long (Approx)
 PLUG TYPE UK 13Amp 3 pin
 SOCKET TYPE Accepts 2 or 3 pin USA type plug
 PACKAGING Colour box

Model No.	Maximum Load	No. of Sockets	Dimensions	Weight
SC5328W	100VA	1	97mm(h) x 92mm(dia)	1.22kg

STEP DOWN TRANSFORMER - USA EQUIPMENT FOR USE IN THE UK



TYPE Autotransformer
 WINDING Toroidal
 INPUT 220/240V A.C. 50/60 Hz.
 OUTPUT 110/120V A.C. 50/60 Hz.
 PROTECTION Input fuse, output fuse
 MAINS LEAD 1.4 Metre long (Approx)
 PLUG TYPE UK 13Amp 3 pin
 SOCKET TYPE Accepts 2 or 3 pin USA type plug
 PACKAGING Colour box

Model No.	Maximum Load	No. of Sockets	Dimensions	Weight
SC5329W	200VA	1	115mm(h) x 115mm(dia)	1.79kg
SC5329/2W	200VA	2	115mm(h) x 115mm(dia)	1.79kg
SC5300/2W	300VA	2	115mm(h) x 115mm(dia)	2.09kg
SC5476/2W	500VA	2	115mm(h) x 115mm(dia)	2.83kg

STEP DOWN TRANSFORMER - USA EQUIPMENT FOR USE IN THE UK/EUROPE



TYPE Autotransformer
 WINDING Toroidal
 INPUT 220/240V A.C. 50/60 Hz.
 OUTPUT 110/120V A.C. 50/60 Hz.
 OUTPUT FUSE Resettable
 INPUT FUSE 13 amp (UK version only)
 MAINS LEAD 1.4 Metre long (Approx)
 SOCKET TYPE Accepts 2 or 3 pin USA type plug
 PACKAGING Plain box

Model No.	Maximum Load	No. of sockets	Dimensions (w)x(h)x(d)	Weight
SC5496 <i>(USA to UK: comes with 13 amp plug)</i>	1000 VA	2	155 x 110 x 170mm	5.1kg
SC5563 <i>(USA to Europe: comes with European 2 pin + earth Shuko type plug)</i>	1000 VA	2	155 x 110 x 170 mm	5.1kg