

Mains Transformer



http://www.casa.co.nz
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Type: 32V-100VA-DW-RESTRAN

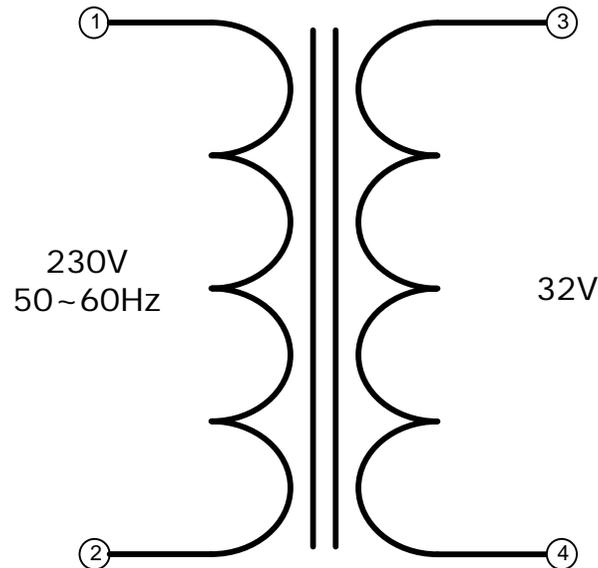


Stock #
313

General Data

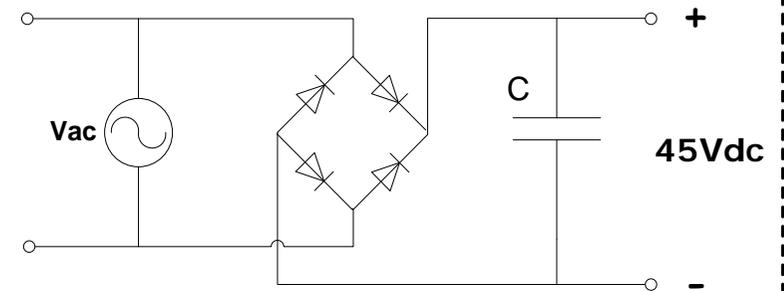
- Brand:** Restran (NZ)
- Model:** N/A
- Input:** 230Vac 50~60Hz (non-tapped)
- Output:** 32V @ 3A
- Power:** 100VA (labeled)
- Size:** 110x100x90mm
- Weight:** 3kg
- Fixing:** 4 x M4 holes @ 64 x 70mm centres (nominal)
- Condition:** Used/refurbished typically as represented in the images
- Comments:** Ideal for isolated outdoor lighting systems etc. Screw-Terminal block on output.

Restran



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Optional Rectifier Assembly



Basic Un-Regulated DC PSU – Quick Calculator

$$C = (I \times 80,000) / V_{dc}$$
$$(3 \times 80,000) / 45 = 5,333\mu F$$

C = Capacitor in microFarads
I = Current (output) in Amps
Vdc = Volts (output)

P = Power of load (or transformer) in Watts (VoltAmps)
Vac = input Volts from transformer
Vdc = Vac x 1.4 (using a full-bridge rectifier)

Two or more identical transformers may be series-parallel arranged for higher currents and/or voltages (phasing observed)

NOTE – these approximations exclude copper losses etc. in the transformer and external wiring