

# Mains Transformer



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## Type: 24V-20V-16V-16A6-DW-BV74

**General Data**

**Brand:** Transcor

**Model:** BV74

**Input:** 230Vac 50Hz (not tapped)

**Output:** 24-20-16-0V @ 16.6A

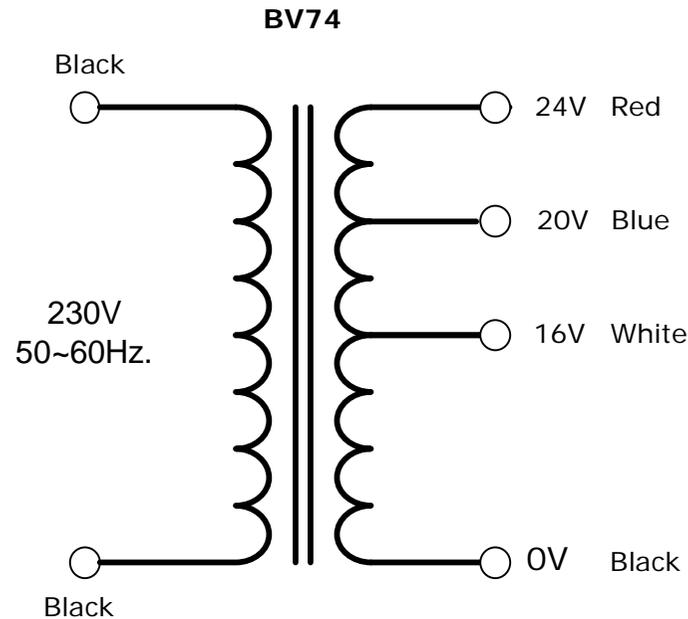
**Power:** 400VA

**Size:** 134 x 132 x 136mm

**Weight:** 7.53kg

**Fixing:** 4 x 5mm holes @ 80 x 65mm centres (nominal)

**Comments:** Inter-winding electrostatic screen.



**NOTICE** – the information on this page is not guaranteed for accuracy – CASA accepts no responsibility (neither expressed nor implied) for any errors or the consequence therefrom.

**Optional Rectifier Assembly**

Vac

33Vdc

**Basic Un-Regulated DC PSU – Quick Calculator**

$$C = (I \times 80,000) / V_{dc}$$

(12 x 80,000) / 33 = 29,000µF

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