

Mains Transformer



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Type: **17V-50VA-DW-243091**

Stock #:



General Data

Brand: Tranex (USA)

Model: 24-3091

Input: 230Vac 50Hz (115V + 115V split)

Output: 14v~17V tapped @ 3A

Power: 50 VA (estimated)

Size: 85x76x89mm (nominal)

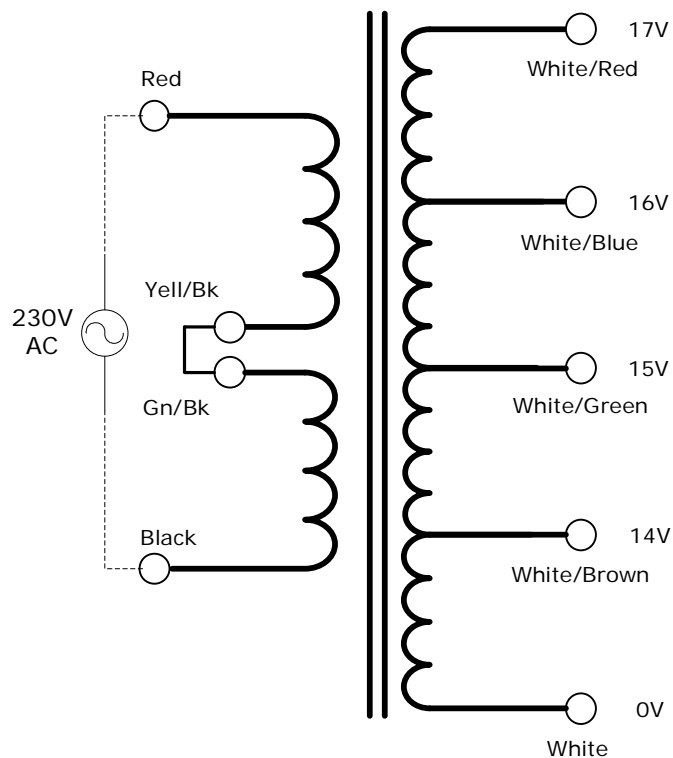
Weight: 1.7kg

Fixing: 4 x 5mm holes @ 57 x 55mm centres (nominal)

Condition: Used (removed from decommissioned telecommunications equipments)

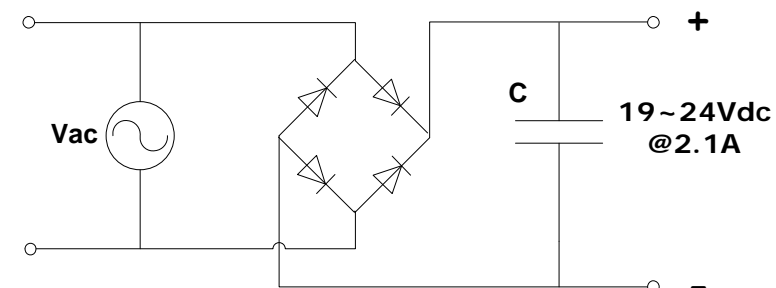
Comments:

24-3091



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



Basic Un-Regulated DC PSU – Quick Calculator

$$C = (I \times 80,000) / V_{dc}$$
$$(2.1 \times 80,000) / 24 = 7,100\mu F$$

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