

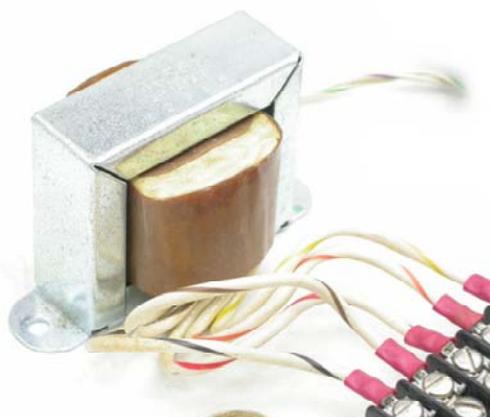
# Mains Transformer



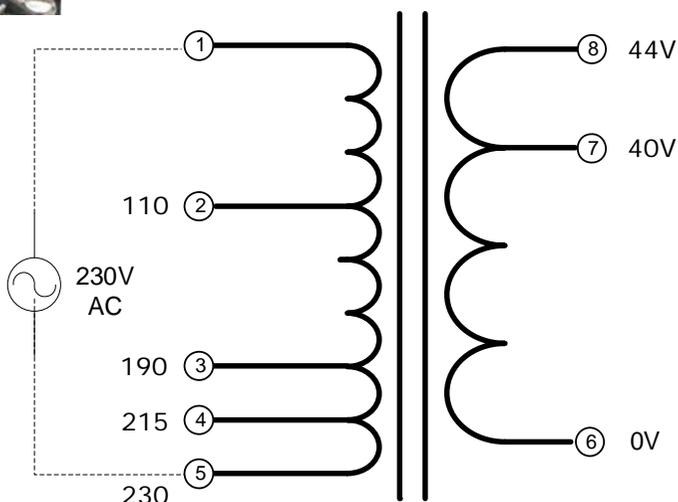
<https://www.casa.co.nz>  
Edition: 08/08/2023

Type: **44V-10VA-DW-740561-IBM**

Stock #: 194



740561



230V  
50~60Hz

## General Data

**Brand:** IBM (USA?)

**Model:** 740561

**OEM:** 8956425  
U-4206E

**Input:** 110~230ac 50~60Hz  
(tapped)

**Output:** 40 + 44V @ ~0.2 Amps  
(Open circuit)

**Power:** 10VA (estimated)

**Size:** 83x49x50mm

**Weight:** 0.44kg

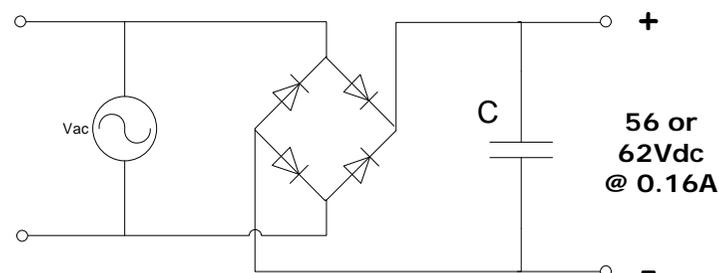
**Fixing:** 2x 4.5mm clearance  
holes 72mm centres

**Condition:** used/refurbished - as  
removed from operational  
computer equipment.

**Comments:** Some transformers  
do not have terminal 8 (terminal  
7 on these has 46 Volts)

NOTICE – the information on this page is not guaranteed for accuracy – CASA accepts no responsibility (expressed or implied) for any errors nor the consequence therefrom.

## Optional Rectifier Assembly



## Basic Un-Regulated DC PSU – Quick Calculator

$$C = (I \times 80,000) / V_{dc}$$
$$(0.16 \times 80,000) / 62 = \sim 200\mu F$$

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