

Mains Transformer



Type: **22V-CT-500VA-DW-4118365**

<http://www.casa.co.nz>

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12345-sizard.com

General Data

Brand: NA (USA)

Model: 4118-365 (IBM)
OEM 4118365

Input: 200~245Vac 50~60Hz
(tapped)

Output: 11-0-11V @ ~22 Amps
(Open circuit)

Power: 500VA (estimated)

Size: 137x122x110mm

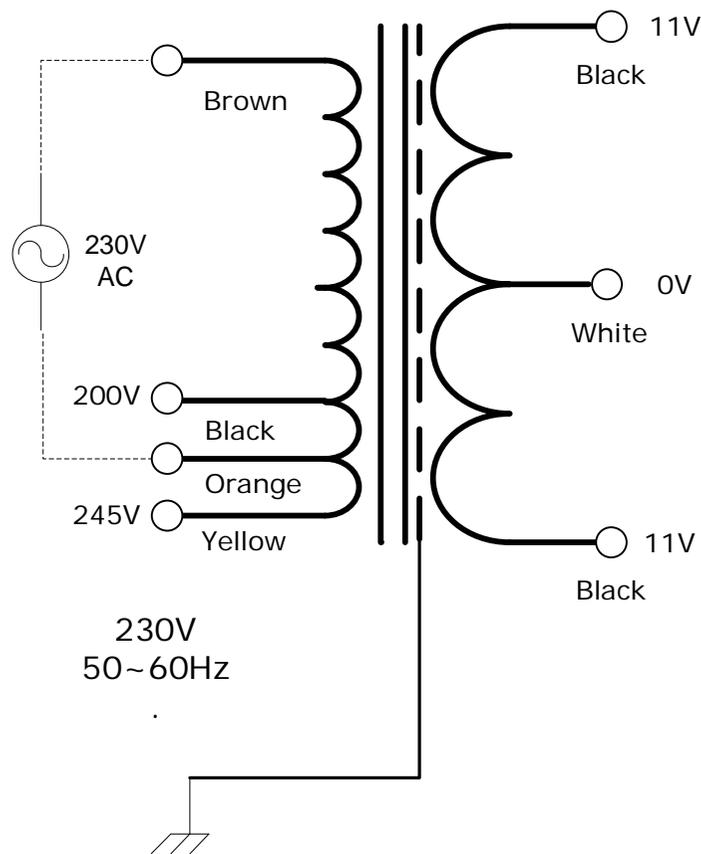
Weight: 6.35kg

Fixing: 4x5mm clearance holes
120x97mm centres

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

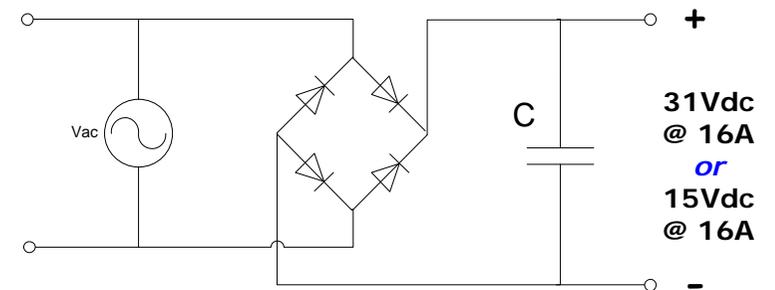
Comments:

4118-365



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Optional Rectifier Assembly



Basic Un-Regulated DC PSU – Quick Calculator

$$C = (I \times 80,000) / V_{dc}$$
$$(16 \times 80,000) / 102 = \sim 41,000\mu F$$

or

$$(16 \times 80,000) / 51 = \sim 85,000\mu F$$

C = Capacitor in microFarads

I = Current (output) in Amps

V_{dc} = Volts (output)

P = Power of load (or transformer) in Watts (VoltAmps)

V_{ac} = input Volts from transformer

V_{dc} = V_{ac} 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