



Not registered

# Mains Transformer - Toroidal



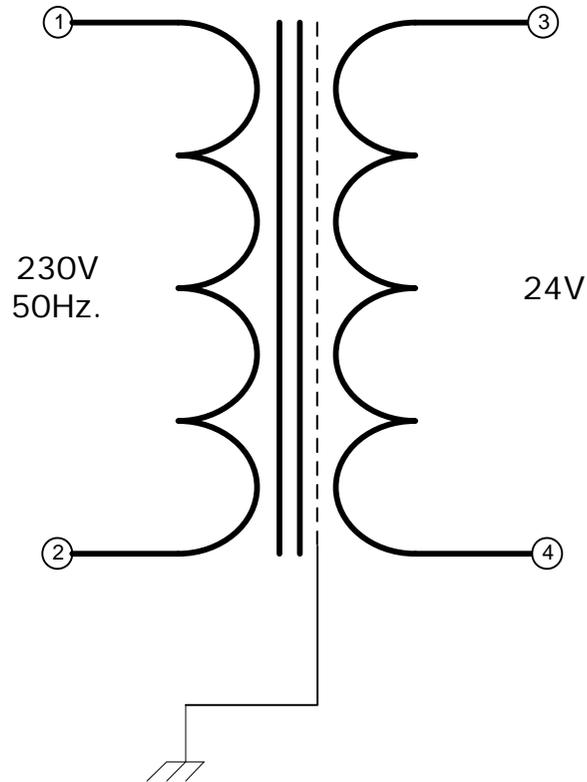
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## Type: 24V-100VA-DW-7378-P1S

### General Data

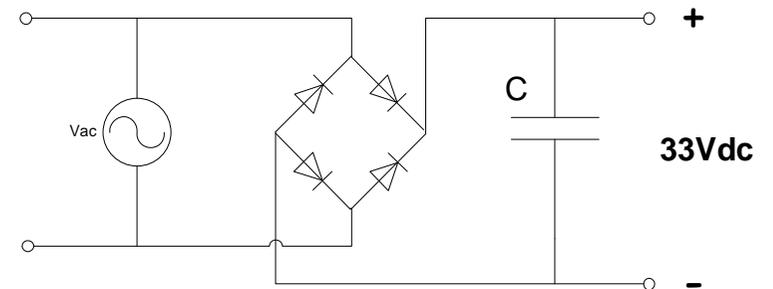
- Brand: NuvoTem (Ireland)
- Type #: 7378-P1S
- Model:
- OEM #: 80049536 20/E6 (ICL DSR20 Terminals (UK))
- Input: 230Vac 50~60Hz (non-tapped)
- Output: 24 @ 4A
- Power: 100VA (estimated)
- Size: 95 dia x 37 mm (thick)
- Weight: 0.98 kg
- Fixing: 1 x M6 tapped thru-hole (brass-bushing)
- Condition: used/refurbished – as removed from operational computer systems
- Comments: optional mu-metal screening can assembly may be available – some leads may be fitted with QC connections etc.

7378-P1S



**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

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

$$(4 \times 80,000) / 33 = 10,000\mu F$$

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