

# Mains Transformer



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

Edition: 03/07/2012

## Type: 24V-200VA-DW-21621362

Stock #: \_\_\_\_\_



Not registered

### General Data

**Brand:** McCarron (USA)

**Model:** 2162-1362

**Input:** 230Vac 50~60Hz  
(tapped)

**Output:** 24V @ 8A

**Power:** 200VA (calculated)

**Size:** 106x88x88mm

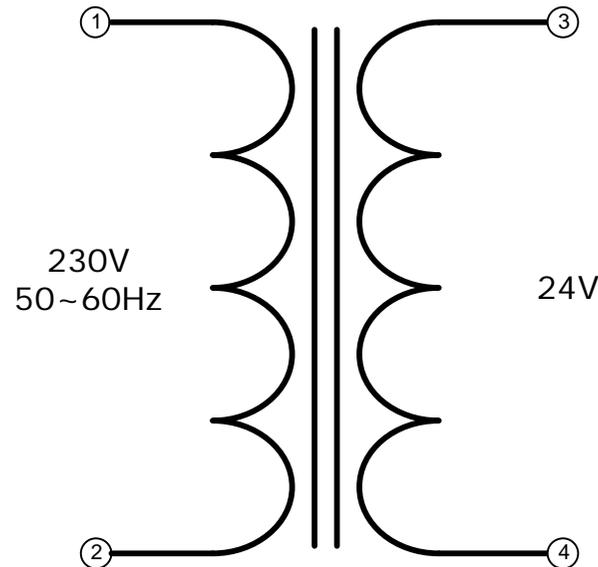
**Weight:** 3.70kg

**Fixing:** 4 x M4 holes @ 75 x 70mm centres (nominal)

**Condition:** Used/refurbished typically as represented in the images

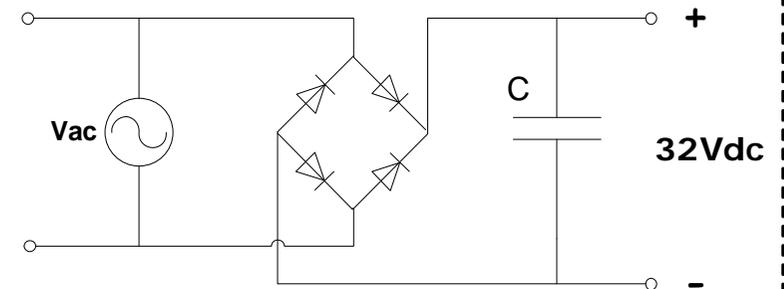
**Comments:** VDR (275LA) is installed across the primary

2162-1362



**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

$$C = (I \times 80,000) / V_{dc}$$
$$(8 \times 80,000) / 32 = 20,000\mu F$$

C = Capacitor in microFarads  
I = Current (output) in Amps  
V<sub>dc</sub> = Volts (output)

P = Power of load (or transformer) in Watts (VoltAmps)  
Vac = input Volts from transformer  
V<sub>dc</sub> = 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