

# Mains Transformer



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

Edition: 03/07/2012

Type: **29V-3VA-DW**

Stock #  
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## General Data

**Brand:** NA (NZ?)

**Model:**

**Input:** 230Vac 50Hz (not tapped)

**Output:** 29V @ 0.10A

**Power:** 3VA (estimated)

**Size:** 46x32x38mm (plus feet)

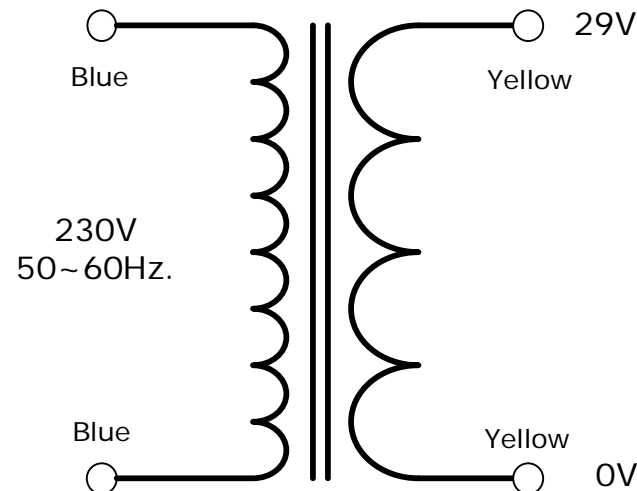
**Weight:** 0.18kg

**Fixing:** 2 x 3mm holes @ 53mm centres (nominal)

**Condition:** NEW

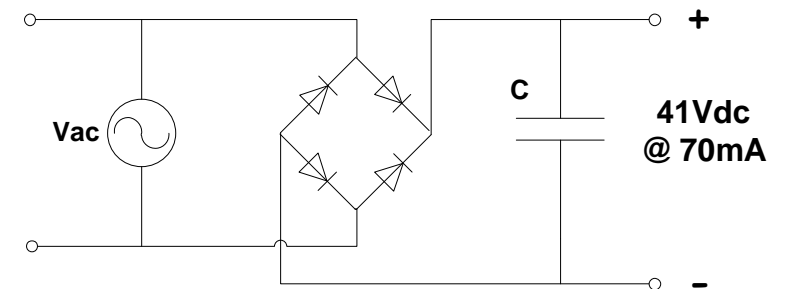
**Comments:** Similar to D4572/1 but lower resistance & more iron.

**29V-3VA-DW**



**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

$$C = (I \times 80,000) / V_{dc}$$
$$(0.07 \times 80,000) / 41 = \sim 140\mu F$$

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