

# Mains Transformer



<http://www.casa.co.nz>  
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## Type: 115-600VA-DW-C14L9400-0190



Not registered

**Brand:** Koken Electric (Japan)

**Model:** C14L-9400-0190

**OEM #:** C14L-9400-0190

**Input:** 200V~230Vac 50~60Hz  
(non-tapped)

**Output:** 110V~115 @ 4A

**Power:** 600VA (estimated)

**Size:** 150 x 135 mm x 135mm

**Weight:** 11 kg

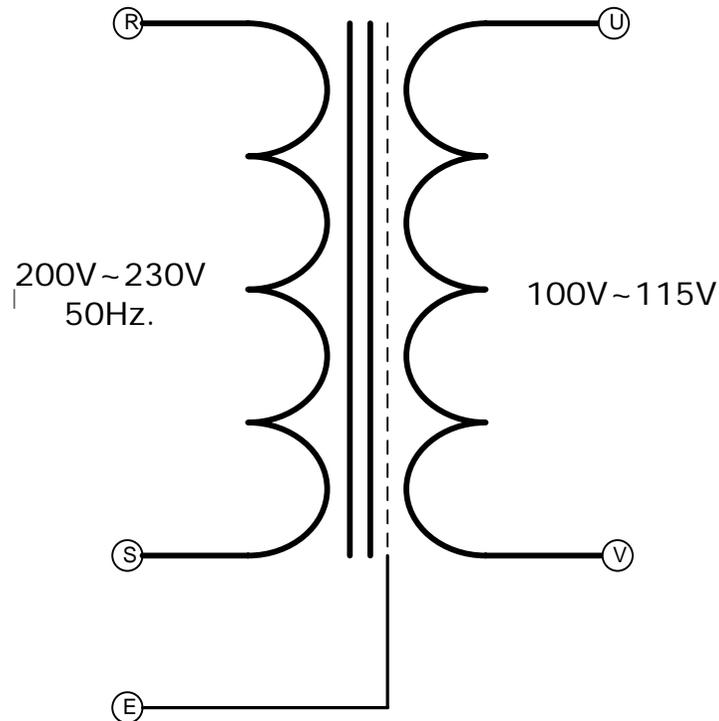
**Fixing:** 4 x M5 100mm x  
100mm

**Condition:** used/refurbished –  
(as removed from operational  
equipment) - as represented in  
the images.

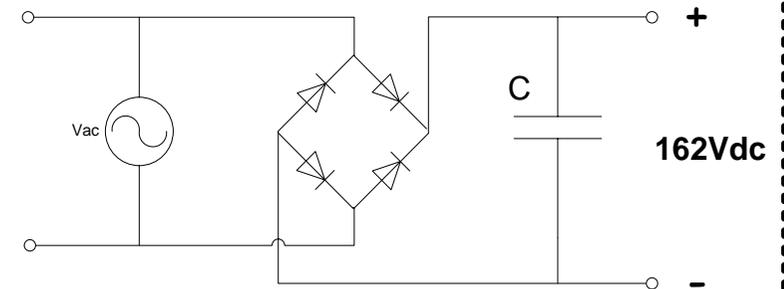
**Comments:** Inter-winding  
screen. Primary tested up to 240  
volts with magnetizing current  
still not rising excessively.

**NOTICE** – the information on this page is not guaranteed for accuracy – CASA accepts no responsibility (expressed or implied) for any errors or the consequence therefrom.

C14L-9400-0190



### Optional Rectifier Assembly



### Basic Un-Regulated DC PSU – Quick Calculator

$$C = (I \times 80,000) / V_{dc}$$
$$(3.6 \times 80,000) / 162 = 1,800\mu F$$

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