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24V-200VA-DW-2162-1362

Edition: 04/07/2011

Brand: McCarron (USA)

Model: 2162-1362

Input: 230Vac 50~60Hz
(tapped)

Output: 24 @ 8A

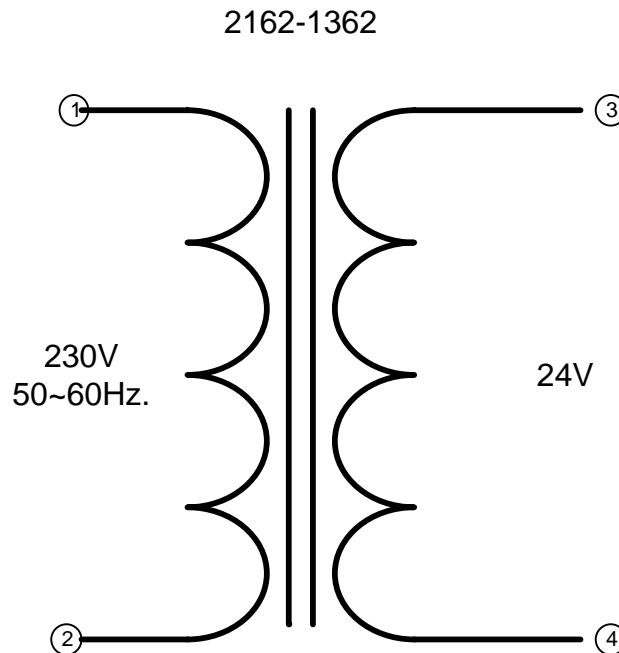
Power: 200VA (calculated)

Size: 106x88x88mm

Weight: 3.70kg

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

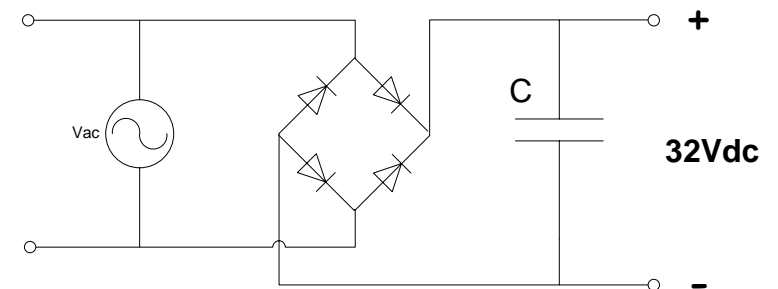
Comments: VDR (275LA) is installed across the primary



Not registered

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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_{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