Mains Transformer – C-Core

Type: 52V~35-8A-DW-BZ68

http://www.casa.co.nz
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Brand: Teleco (NZ)

Model: BZ68
OEM: SL184-23 *(TVNZ)*

Input: 230Vac 50Hz (tapped)

Output: 35~52V @ 8A

Power: 416VA (calculated)

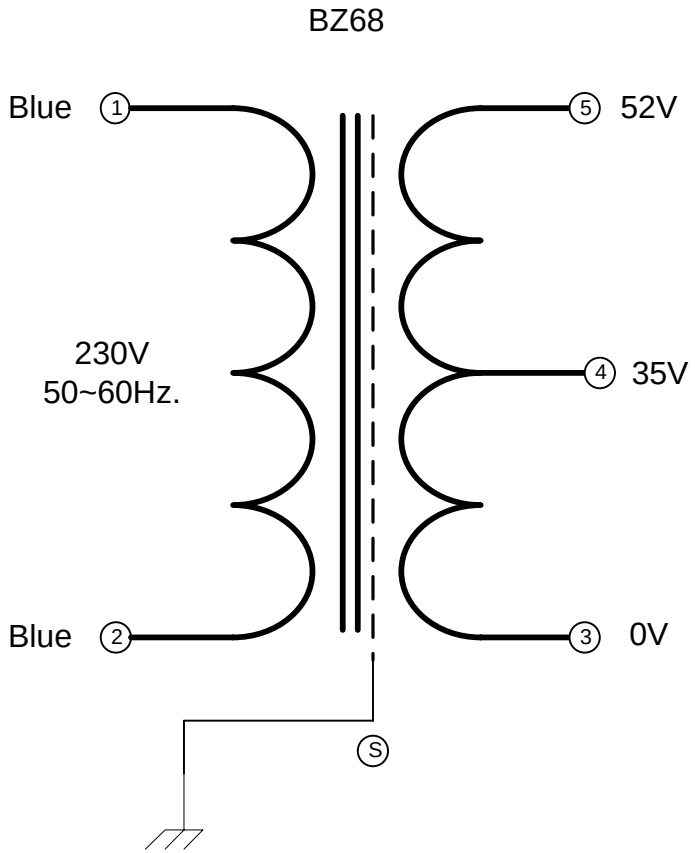
Size: 150 x 140 x 115mm

Weight: 6.17kg

Fixing: 4 x M5 holes @ 90 x 64mm centres (nominal)

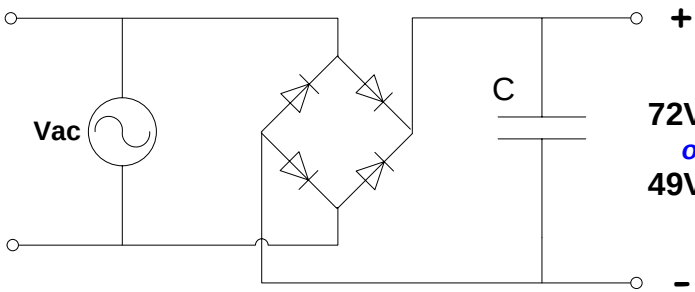
Condition: NEW (in makers opriginal paching - typically as represented in the images

Comments: electrostatic screen terminates in a copper strap 9.5 wide x 25mm long



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

Optional Rectifier Assembly



Basic Un-Regulated DC PSU – Quick Calculator

C = (I x 80,000) / Vdc
(8 x 80,000) / 72 = **10,000uF** *(8,888uF)*
or
(8 x 80,000) / 49 = **15,000uF** *(13,061uF)*
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