

HT Filter Choke



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Type: 8mH-15A-GR110953



Not registered

Brand: Gardner (UK)

Model: GR110953

Inductance: 8 mHenries

Current: 10A (nominally)

Resistance: 0.4 Ohms

Input: Up to 600Vdc (estimated)

Size: 120x105x105mm

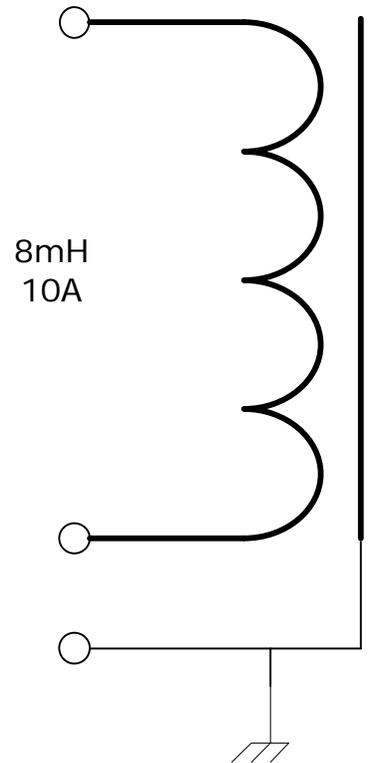
Weight: 4kg (--)

Fixing: 4 x M5? Tapped holes @ 75 x 70mm centres (nominal)

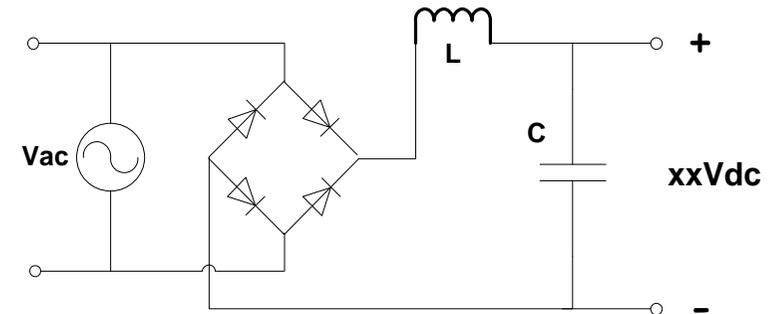
Condition: as new refurbished item typically as represented in images.

Comments: double C-Core construction choke with full varnish tropicalisation

GR110953



Optional Rectifier Assembly



Basic Un-Regulated DC PSU – Quick Calculator

$$C = (I \times X) / Vdc$$

C = Capacitor in microFarads

I = Current (output) in Amps

L = Inductance in Henries

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

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