

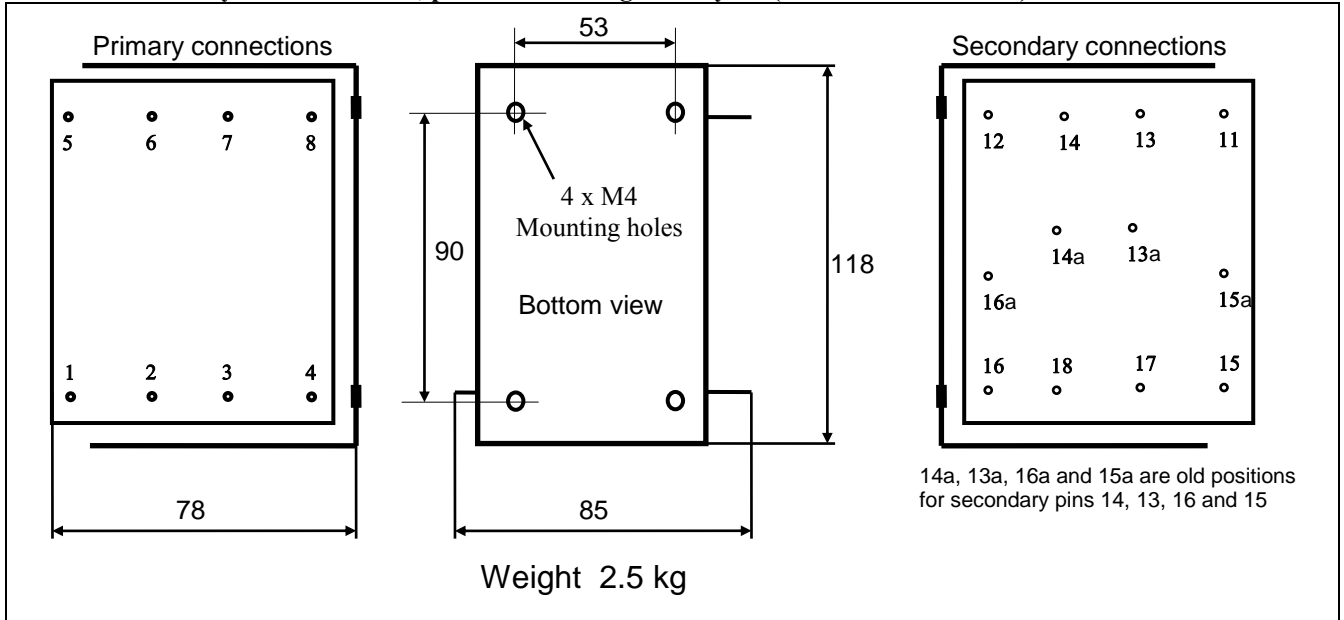
Mains Transformers for Tube Amplifiers

LL1665

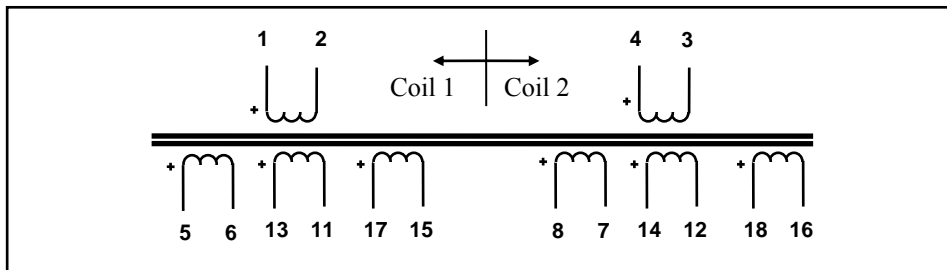
230V : 530V + 530V + (4 x 6.6V)

C-core mains transformers. The core is assembled with a small air-gap to compensate for any mains DC-unbalance. Estimated power rating 250 VA which can be increased with good cooling.

Physical dimensions, pin and mounting hole layout (all dimensions in mm)



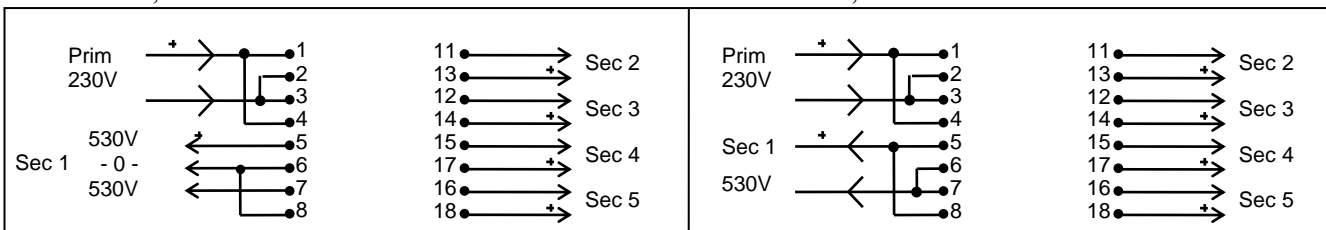
Winding schematics:



Connection alternatives.

A: 230 V in, 530V-0-530V out for tube full wave rectifiers

B: 230V in, 530V out for silicon full wave rectifiers



Copper resistance, no load output voltages and max recommended transformer current (rms) with primary connected to 230 V and Sec 1 connected as above

Connection alternative	Primary resistance	Sec 1	Sec 2 through 5 each
A	7.5 Ω	98 Ω / 530V-0-530V 0.35 A	0.1 Ω / 6.6 V 3.1A
B	7.5 Ω	49 Ω / 530 V 0.5 A	0.1 Ω / 6.6 V 3.1A

Please note! Output current from rectifier: 63% of above with condenser input rectifier, 95% of above with choke input rectifier