

Line Output Transformer LL2763 and LL2763Ag

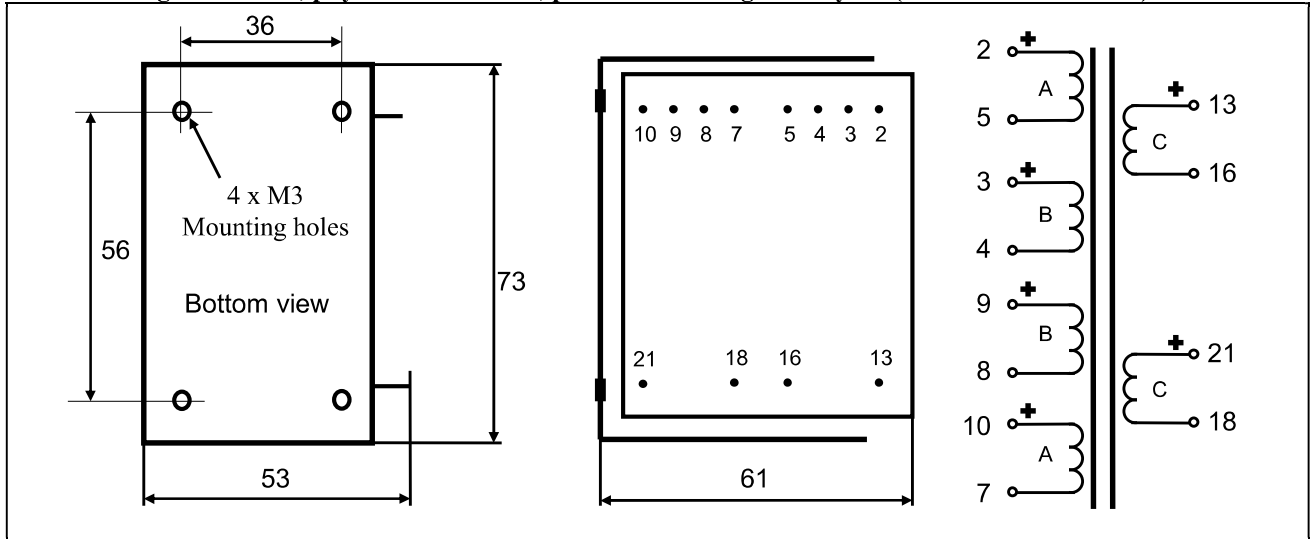
LL2763 is a line output transformer for tube amplifiers. The transformer is available in copper or silver wire versions. The transformer primaries are wound with a special low capacitance winding technique to achieve best high frequency performance.

The transformer has a special high flux, low distortion audio C-core of our own production. It is also available with a custom made amorphous C-core. The core air gap will be custom set for your application

The PP (Push-Pull) version is assembled with a small core air gap to allow for some DC current unbalance.

For the S.E. versions of the LL2763, the core air gap is chosen such that the denoted DC current (7mA for a LL2763/7mA) generates a no signal core flux density of 0.9 Tesla when used with all primaries in series. This leaves a flux density swing of approx. +/- 0.7 T for the signal.

Winding schematics, physical dimensions, pin and mounting hole layout (all dimensions in mm)



Weight	Turns ratio	Static resistance, winding B Cu/Ag	Static resistance, winding A Cu/Ag	Static resistance, winding C Cu/Ag
0.75 Kg	4 + 4 : 1+1+1+1	63/62 Ω	79/77 Ω	542/525 Ω

Max. current through any primary ("C") section [4W heat dissipation]: 60 mA

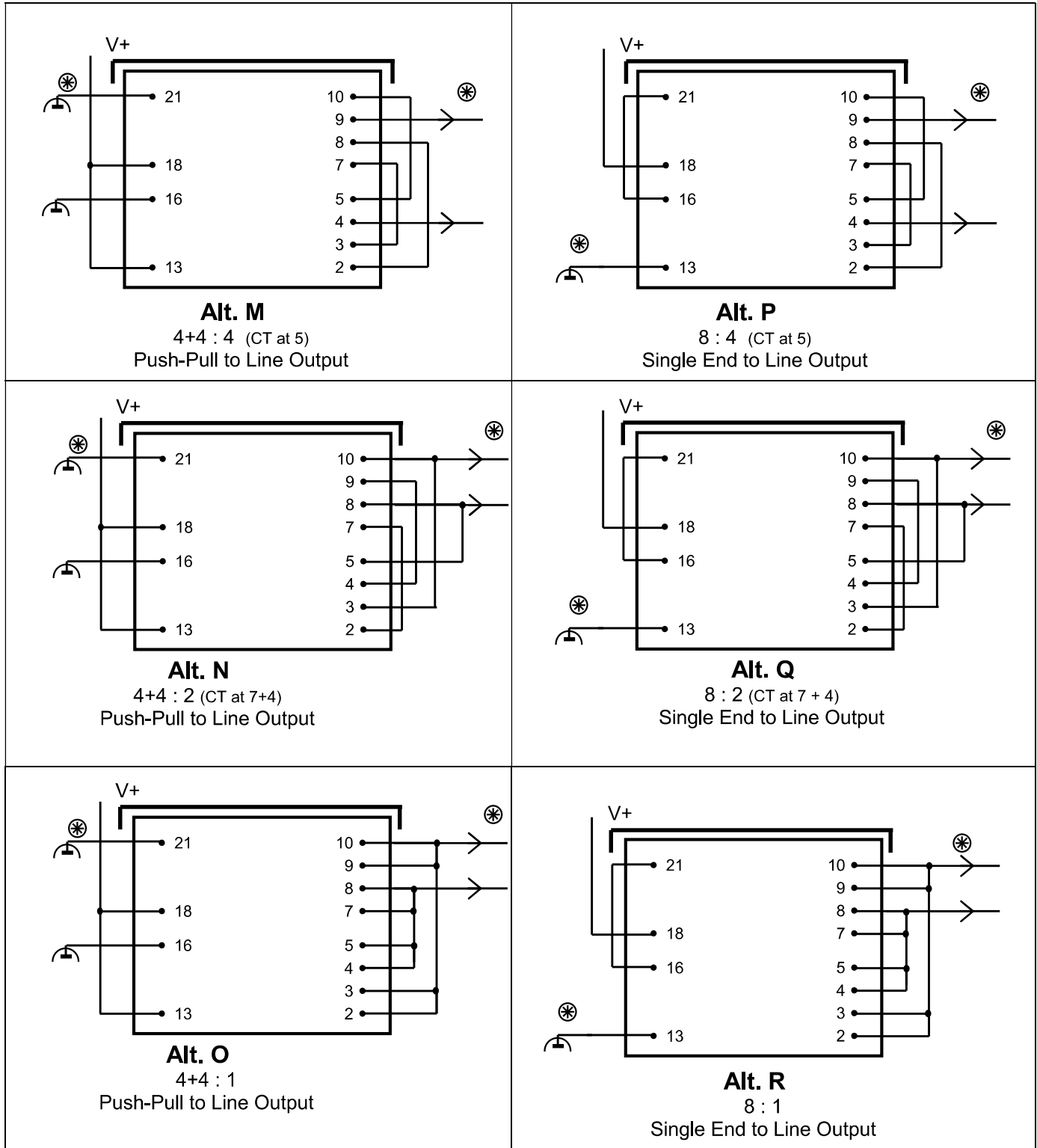
Isolation between primary and secondary windings / between windings and core: 4 kV / 2 kV

Type	LL2763/PP	LL2763/PP	LL2763/PP	LL2763/7mA
Connection	Alt M PP to Line Out. 4+4 : 4	Alt N PP to Line Out. 4+4 : 2	Alt O PP to Line Out. 4+4 : 1	Alt P SE to Line Out. 8 : 4
Primary DC current for 0.9 Tesla	-	-	-	7 mA
Primary Inductance				280H
Max sec. voltage @ 30 Hz	245V r.m.s.	120V r.m.s.	65V r.m.s.	100 V r.m.s.

Type	LL2763/7mA	LL2763/7mA
Connection	Alt Q SE to Line Out. 8 : 2	Alt R SE to Line Out. 8 : 1
Primary DC current for 0.9 Tesla	7 mA	7 mA
Primary Inductance	280H	280H
Max output voltage @ 30 Hz	50 V r.m.s.	25 V r.m.s.



Tube Amplifier Interstage Transformer / Line Output Transformer
LL2763
Connection Alternatives



⊗ Phase Indicator