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Universal Power Line Transformer LL2410

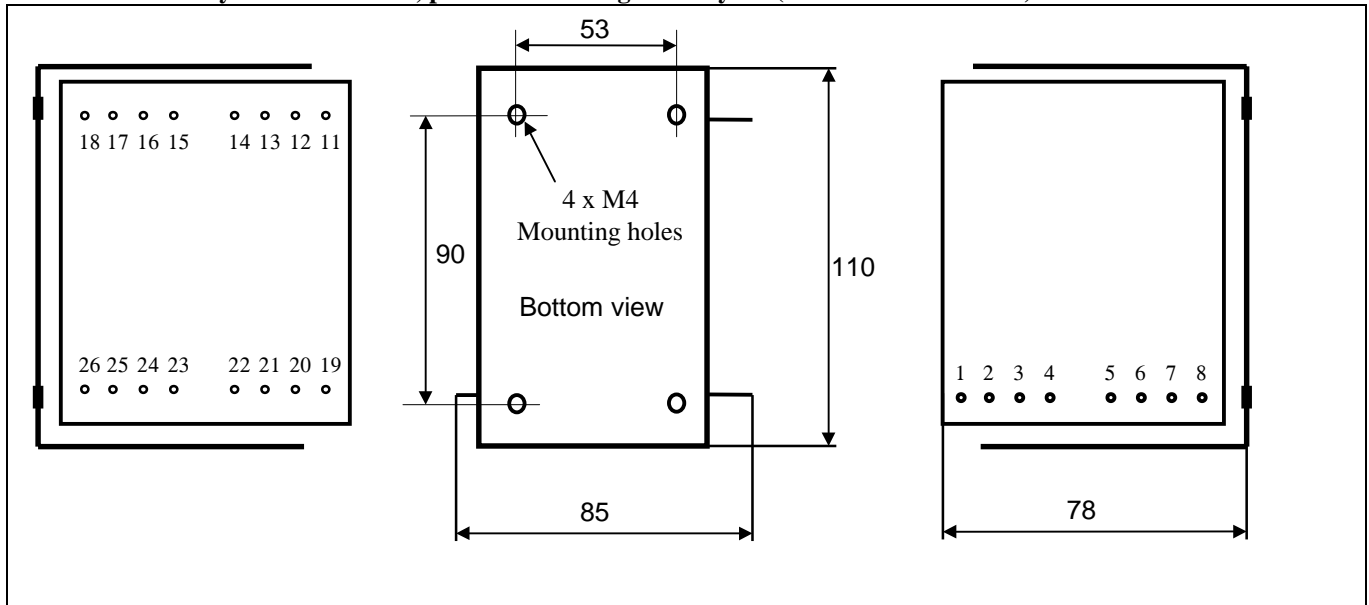
LL2410 is a high inductance line transformer for connecting PA system loudspeakers to power lines. The transformer is highly sectioned, with harmonically sized sections, which results in a minimum leakage inductance. The twelve windings can be combined in a number of ways, but symmetry between coil 1 and coil 2 is essential for good performance.

The transformer has a special audio C-core of our own production.

Turns ratio:

2+2+2+2 : 1+1+1+1+1+1+1+1

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



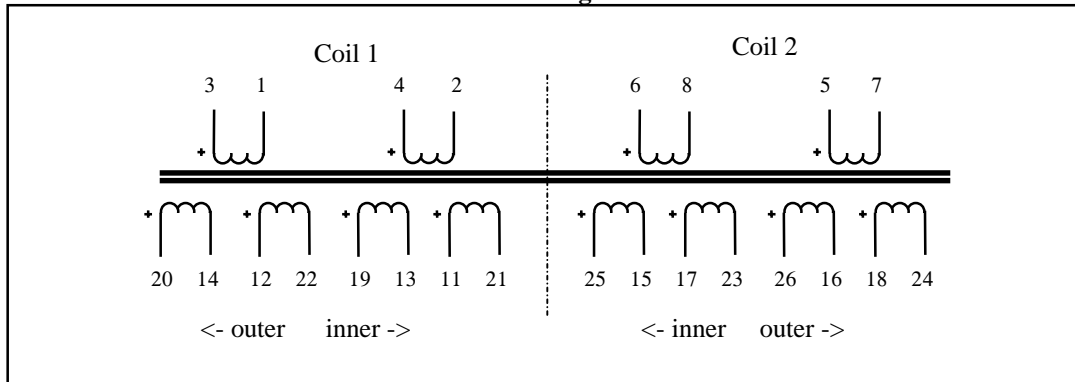
Spacing between pins:

5.08 mm (0.2")

Weight:

2.5 kg

Winding schematics:



Static resistance of each primary (average):

0.80 Ω

Static resistance of each secondary (average):

0.40 Ω

Max voltage per primary winding, at 50 Hz:

40 volts

Max voltage per secondary winding, at 50 Hz:

20 volts