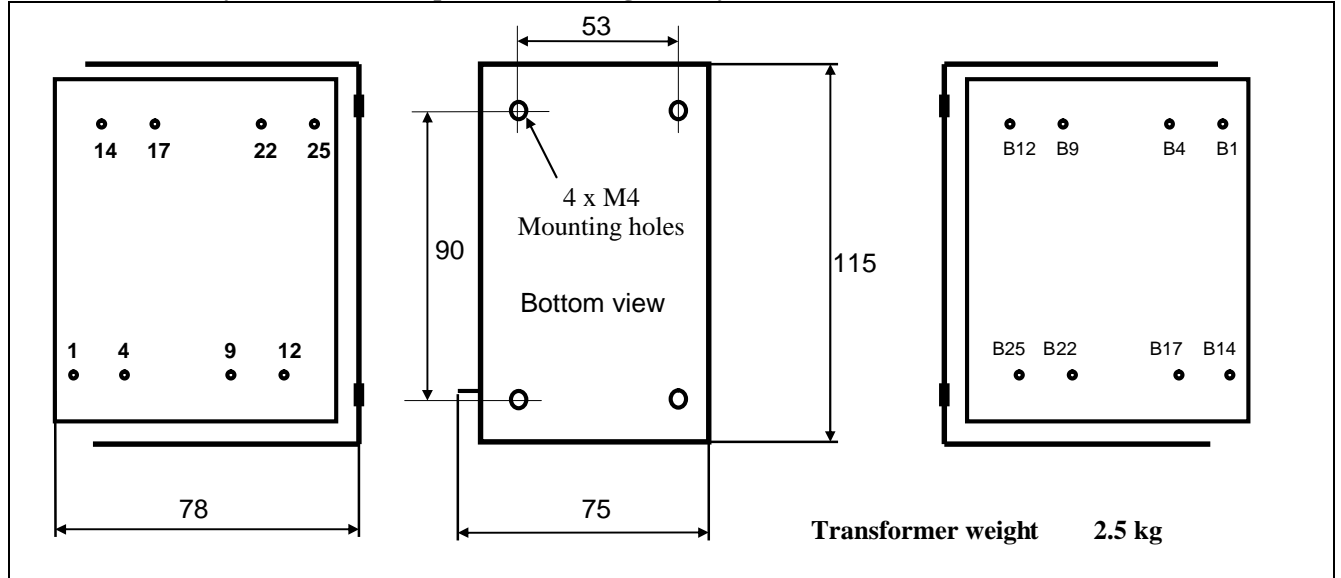


## Mains Transformer LL2728

### 115V+115V : 15V + 15V + 15V +15V + 10V + 10V

LL2728 is a C-core mains transformer for solid state applications. The core is assembled with a carefully selected, small air-gap to compensate for any mains DC-unbalance. Estimated power rating 300 VA, which can be increased with good cooling.

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

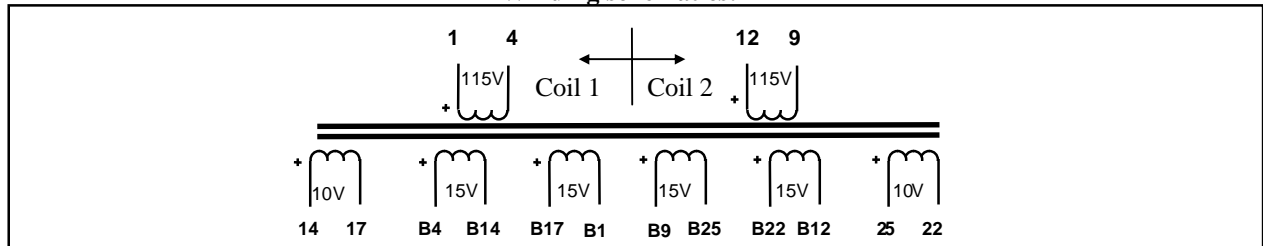


	Copper resistance	Voltage at 50 Hz, no load
Windings 1 - 4 and 12 - 9 respectively	3.6 Ω	115V
Windings B4-B14, B17-B1, B9-B25, B22-B12	0.2 Ω	16V
Windings 14 - 17 and 25 - 22 respectively	0.3 Ω	10V

Isolation between windings / between windings and core

4 kV / 4 kV

#### Winding schematics:



#### Notes:

For 115V mains, connect primaries in parallel. For 230V mains, connect primaries in series.

#### Suggested connection for 30V – CT – 30V

+30V B4,  
B14 connect B9  
CT B25 + B17  
B1 connect B22  
-30V B12

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The 10V windings should be used symmetrically.