## SOWTER 1941 ST. 1941

**Connection Diagram** Type: 0651

EU Primary		/ WW Prima	ry				
250V	Brown——		Brown	$\parallel \parallel \subset$	——— Orange	390V	
230V	Red —		White 2		Grey	0V	0.2A max.
210V	White —		3		Orange	390V	
	3	OR OV	Black———		 Purple	5V	3A max.
	3	120V	Red				
	3		White 1		——— Yellow	3.15V	
10V	Blue		3		Green	0V	4A max.
0V	Black————————————————————————————————————	0v	Blue		Yellow	3.15V	

## **Notes**

Visual identification – Worldwide version has two white leads, European version

## Worldwide connection options:

- $\bullet$  110v N: join Blue and Black, L: join White 1 and White 2, isolate Red and Brown
- $\bullet$  120v – N: join Blue and Black, L: join Red and Brown, isolate White 1 and White 2
- 240v N: Blue, L: Brown, join Red and Black, isolate White 1 and White 2

## **European connection options:**

For mains voltages of 210v, 230v or 250v use Black as Neutral. For 200v, 220v or 240v, use Blue.

ALWAYS isolate all unused leads SEPERATELY FROM EACH OTHER

Please Note: A certain amount of operational hum is prevalent in mains transformers, which may be amplified when fixed to metalwork. A rubber gasket, washers or similar may be desirable to quieten this, however a good connection MUST be maintained between the transformer and the supply Earth.