

# Datasheet

## PCB Transformers – Low Profile Type A

### RS Pro

Potted PCB mounting low voltage mains transformers with a twin 115 VAC 50/60Hz primary winding. Designed according to the following specifications.

- Low height and compact design
- Independent secondary windings suitable for series/parallel connection to give output voltage and current options
- High efficiency and low temperature rise
- Two compartments bobbins providing double insulation
- Low interwinding capacity
- Low radiated noise
- 100% electrical and flash tested
- Four hole fixing for all types.



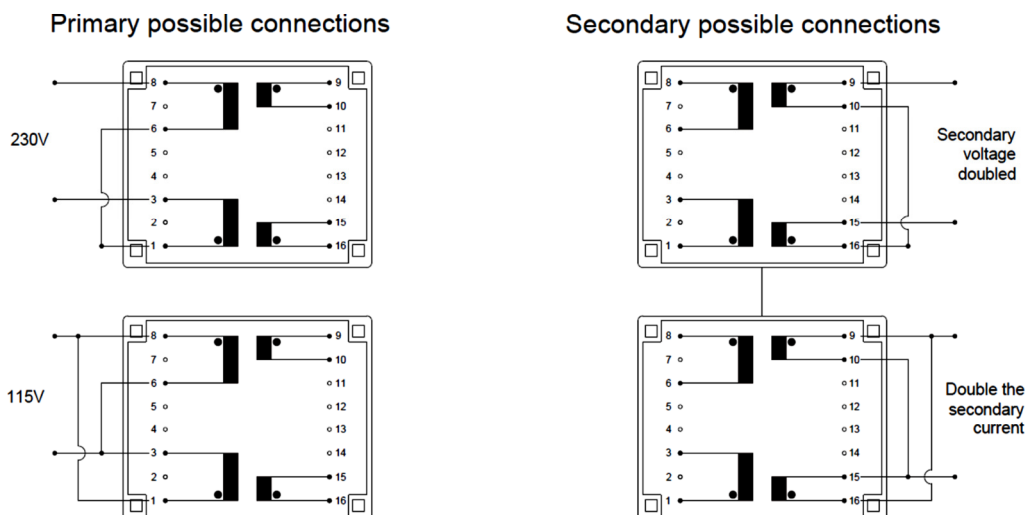
#### Specifications

Power:	4-30 VA
Frequency:	50/60 Hz
Primary:	115/230 VAC, +/-10%
Secondary:	2x6V; 2x9V; 2x12V; 2x15V; 2x18V
Isolation:	3.75 kV RMS
Protection class:	II
Protection index:	IP00
Temp. class:	B (130°)
According to:	BS/EN 61558-1, AS/NZS 61558.1 and BS/EN 61558-2-6, AS/NZS 61558.2.6 IEC 61558-1, IEC 61558-2-6



#### Connection scheme (bottom view):

### 4 VA & 6 VA

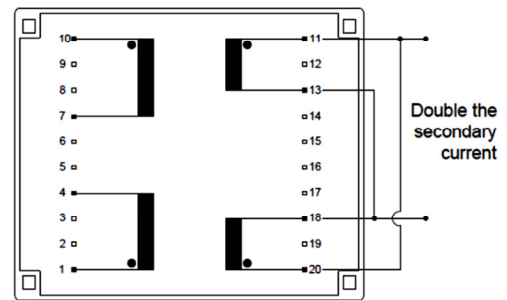
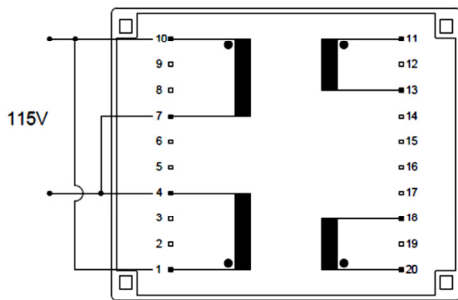
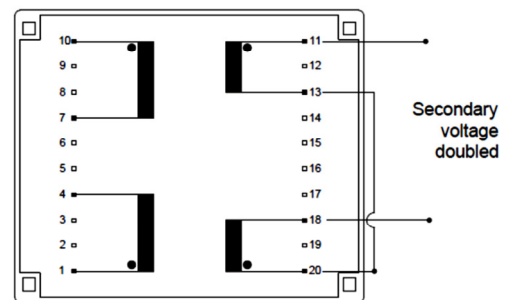
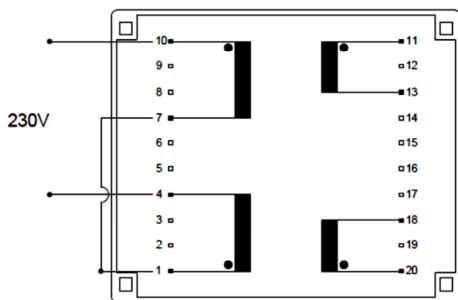


Connection scheme (bottom view):

# 10 VA - 30 VA

Primary possible connections

Secondary possible connections



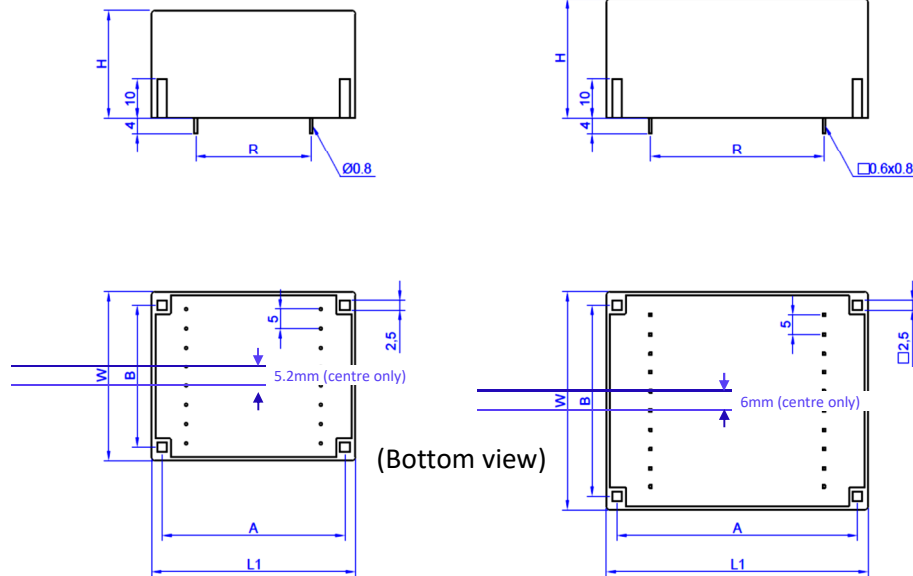
Dimensions:

Power [VA]	Dimensions			Fixing holes		Pins		Weight [kg]
	L1 [mm]	W [mm]	H [mm]	A [mm]	B [mm]	R [mm]	No.	
4	53	44	23	47.5	37.5	35	2x8	0.15
6	53	44	23	47.5	37.5	35	2x8	0.185
10	68	57	25	62.5	50	45	2x10	0.260
18	68	57	27	62.5	50	45	2x10	0.385
24	68	57	31	62.5	50	45	2x10	0.45
30	68	57	35	62.5	50	45	2x10	0.53

4VA 6 VA

10 VA - 30VA

Dimensions:



Ordering information:

RS Stock number	Power VA	Specification	Primary [V]	Secondary voltage [V]	Secondary current [mA]	No-load voltage +/-10%
1213835	4	Transformer Low Profile PCB 4VA 2x6V	2x115	2x6	333.3	2 x 9.4
1213836	4	Transformer Low Profile PCB 4VA 2x9V	2x115	2x9	222.2	2 x 14
1213837	4	Transformer Low Profile PCB 4VA 2x18V	2x115	2x18	111.1	2 x 28
1213839	6	Transformer Low Profile PCB 6VA 2x6V	2x115	2x6	500.0	2 x 8.1
1213840	6	Transformer Low Profile PCB 6VA 2x9V	2x115	2x9	333.3	2 x 12.1
1213841	6	Transformer Low Profile PCB 6VA 2x12V	2x115	2x12	250.0	2 x 16.2
1213842	6	Transformer Low Profile PCB 6VA 2x15V	2x115	2x15	200.0	2 x 20.2
1213846	10	Transformer Low Profile PCB 10VA 2x9V	2x115	2x9	555.5	2 x 12.9
1213849	10	Transformer Low Profile PCB 10VA 2x12V	2x115	2x12	416.6	2 x 16.4
1213850	18	Transformer Low Profile PCB 18VA 2x12V	2x115	2x12	750.0	2 x 14.7
1213851	18	Transformer Low Profile PCB 18VA 2x18V	2x115	2x18	500.0	2 x 22.5
1213854	24	Transformer Low Profile PCB 24VA 2x9V	2x115	2x9	1333.3	2 x 10.6
1213852	24	Transformer Low Profile PCB 24VA 2x12V	2x115	2x12	1000.0	2 x 16.0
1213858	30	Transformer Low Profile PCB 30VA 2x9V	2x115	2x9	1666.6	2 x 11.2
1213855	30	Transformer Low Profile PCB 30VA 2x12V	2x115	2x12	1250.0	2 x 15.2
1213856	30	Transformer Low Profile PCB 30VA 2x15V	2x115	2x15	1000.0	2 x 18.5
1213857	30	Transformer Low Profile PCB 30VA 2x18V	2x115	2x18	833.3	2 x 20.2