

Open Form PCB Mounting Transformers

PCU range - 115/230 Vac in, dual output
 PCS range - 230 Vac in, dual output

Safety Certifications

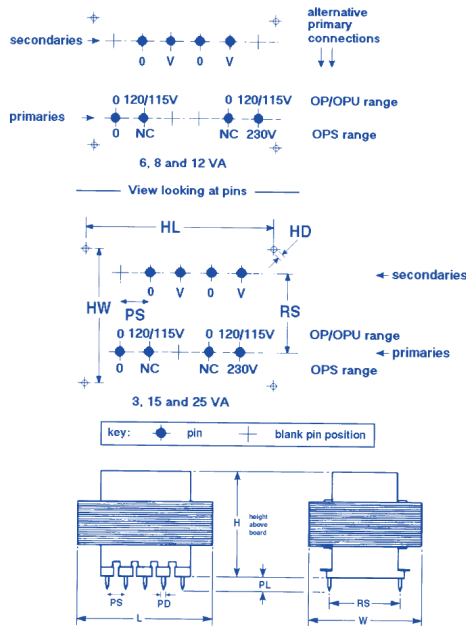


Two ranges of miniature PCB-mounting low voltage output mains transformers, each range differing only in the input voltages it takes. The PCU caters for 115 and 230 V input, and the PCS range has a single winding - for 230 V input. Each range covers 5 output voltages and 6 power ratings and has 2 separate output windings, for a wide range of independent, series, parallel or centre-tapped outputs. A double-section bobbin is used to maximise inter-winding insulation. Manufacture conforms to EN60742.

Notes

During manufacture the pressure from the winding wire on the sides of the bobbin tends to push out the sides of the bobbin, increasing the row separation of the pins, the separation should stay within the $\pm 0.5\text{mm}$ specified in the dimensions table.

The 3 VA unit does not have mounting holes. The 3, 15 and 25 VA units have positions for up to 5 pins in each of their 2 rows of pins; the 6, 8 and 12 VA units have positions for up to 6 pins in each of their 2 rows, in all sizes of units only 4 pins are used in each row, as shown in the diagrams:



Ratings (VA)	3	6	8	12	15	25
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Dimensions (mm)						
Length L	38	42	48	52	67	57
Width	32	35	40	44	48	56
Height H	30	33	37	42	46	52

Mounting Holes						
Diameter HD	~	3.5	3.5	3.5	4.0	4.0
Spacing HL	~	35	40	44	48	56
Spacing HW	~	33	37	42	46	52

Pin Details						
Diameter	1	1	1	1	1.5	1.5
Length	5	5	5	5	5	5

Electrical Specifications

Rating	Output	Part Numbers	
		PCU	PCS
(VA)	(Vrms)	(115/230 Vin)	(230 Vin)

3	6 + 6	0101	0101
	9 + 9	0102	0102
	12 + 12	0103	0103
	15 + 15	0104	0104
	18 + 18	0105	0105
	20 + 20	0106	0106
6	6 + 6	0201	0201
	9 + 9	0202	0202
	12 + 12	0203	0203
	15 + 15	0204	0204
	18 + 18	0205	0205
	20 + 20	0206	0206
8	6 + 6	0301	0301
	9 + 9	0302	0302
	12 + 12	0303	0303
	15 + 15	0304	0304
	18 + 18	0305	0305
	20 + 20	0306	0306
12	6 + 6	0401	0401
	9 + 9	0402	0402
	12 + 12	0403	0403
	15 + 15	0404	0404
	18 + 18	0405	0405
	20 + 20	0406	0406
15	6 + 6	0501	0501
	9 + 9	0502	0502
	12 + 12	0503	0503
	15 + 15	0504	0504
	18 + 18	0505	0505
	20 + 20	0506	0506
25	6 + 6	0601	0601
	9 + 9	0602	0602
	12 + 12	0603	0603
	15 + 15	0604	0604
	18 + 18	0605	0605
	20 + 20	0606	0606
	24 + 24	0607	0607