

Datasheet

Auto transformers - step up / step down

RS Pro

Auto wound transformers for step-up or step-down of mains voltages at 50/60Hz. Designed according to the following specifications.

WARNING: These components do not provide isolation from the mains.

- Popular voltage tapings 0-115V-230V
- Four hole fixings for permanent installation
- Chassis mount, floor standing or wall mount
- Terminal blocks with protective covers (except 50VA which has cables instead)
- Fully shrouded
- Compact construction
- Full varnish impregnation
- Detailed product specification on permanent label
- 100% electrical and flash tested

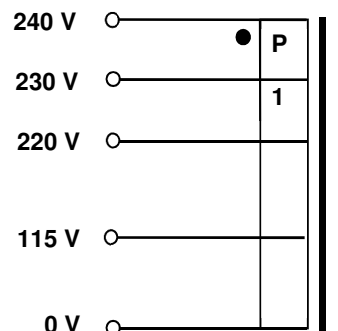


Specifications

Power: 50 – 1000 VA
 Frequency: 50 / 60 Hz
 Nominal input: 230VAC
 Nominal output: 115 VAC
 Isolation: 2 kV RMS winding to core
 Temp class: B (105°)
 Protection cl.: IP00
 According to: EN61558-1 and EN61558-2-13



Schematic/connections:

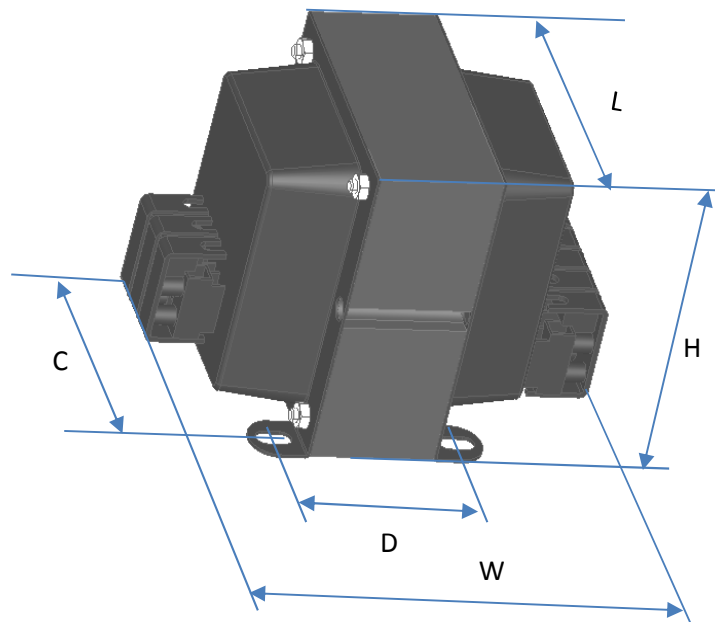




Ordering details:

RS Stock number	Power VA	Specification	Regulation	According to
504202	50	Step up/down Auto Transformer, 0-115-230V	4.5%	EN61558-2-13
504183	100	Step up/down Auto Transformer, 0-115-220-230-240V	3.4%	EN61558-2-13
504189	150	Step up/down Auto Transformer, 0-115-220-230-240V	3.1%	EN61558-2-13
504199	250	Step up/down Auto Transformer, 0-115-220-230-240V	2.7%	EN61558-2-13
504195	500	Step up/down Auto Transformer, 0-115-220-230-240V	1.77%	EN61558-2-13
504206	1000	Step up/down Auto Transformer, 0-115-220-230-240V	1.00%	EN61558-2-13

Dimensions and fittings:



Power [VA]	Overall Size L x W x H [mm]	Fixing		Weight [kg]	Efficiency
		C x D [mm]	Slot size [mm]		
50	58 x 63 x 76	44.5 x 38	8 x 3.9	0.90	92.2%
100	65 x 115 x 78	48 x 52	9 x 4	0.1	93.4%
150	73 x 120 x 89	57 x 50.5	9.5 x 4.8	1.6	94.2%
250	81 x 136 x 100	63.5 x 54	11 x 4.8	2.6	94.7%
500	98 X 145 X 118	70 x 64	12.7 x 6.3	4.2	95.8%
1000	115 x 192 x 137	98 x 92	12.7 x 7.1	8.8	96%