

Datasheet

Clamp Mount Transformer series, 2 x 115 V

RS Pro

The Clamp Mount Transformers 6VA to 50VA are high quality isolating transformers designed for use in general applications. The two independent secondary windings may be connected in series or parallel to give a wide range of output voltage and current options. Designed according to the following specifications.

- Low noise laminations
- Double section bobbin construction
- Fully shrouded bobbins
- 2-hole clap fixing
- Solder tag terminations
- Full varnish impregnation
- Optional terminal shrouds
- Detailed product specification on permanent label
- High efficiency, low regulation design
- 100% electrical and flash tested

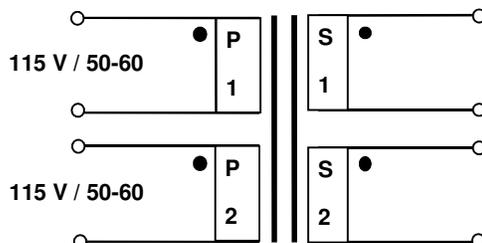


Specifications

Power: 6 – 50 VA
 Frequency: 50 / 60 Hz
 Primary: 2 x 115 VAC
 Secondary: 2x5, 2x 6,2x9, 2x12 ,
 2x15,2x18,2 x 20 or 2 x 24 V
 Isolation: 4 kV RMS
 Temp class: Ta (70°) / B
 According to: EN61558-1 and
 EN61558-2-6 or
 EN61558-2-4



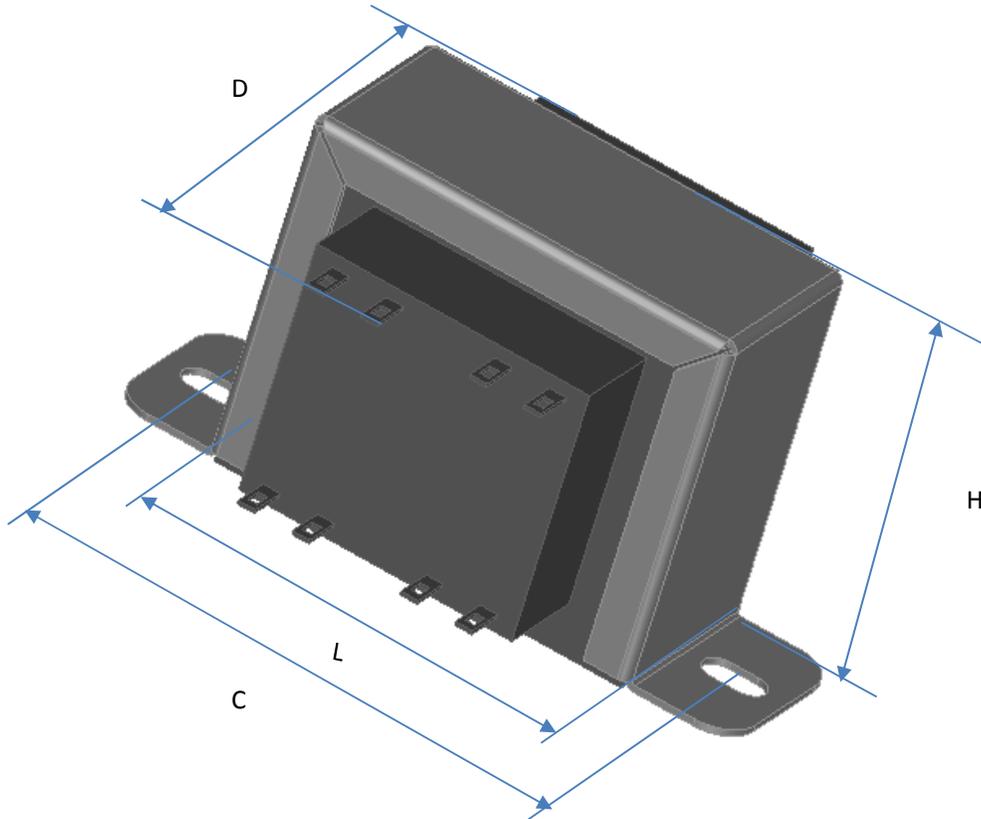
Schematic/connections



Ordering details:

RS Stock number	Power VA	Specification	No-load voltage	According to
503994	6	Clamp mounting Transformer, 2x115V / 2x6V	8.0 V	EN61558-2-6
503990	6	Clamp mounting Transformer, 2x115V / 2x9V	11.7 V	EN61558-2-6
503984	6	Clamp mounting Transformer, 2x115V / 2x12V	15.5 V	EN61558-2-6
503972	6	Clamp mounting Transformer, 2x115V / 2x15V	19.5 V	EN61558-2-6
503962	6	Clamp mounting Transformer, 2x115V / 2x24V	31.8 V	EN61558-2-4
503966	12	Clamp mounting Transformer, 2x115V / 2x6V	6.85 V	EN61558-2-6
503978	12	Clamp mounting Transformer, 2x115V / 2x9V	10.35 V	EN61558-2-6
503988	12	Clamp mounting Transformer, 2x115V / 2x12V	13.6 V	EN61558-2-6
504284	12	Clamp mounting Transformer, 2x115V / 2x15V	17.3 V	EN61558-2-6
504268	12	Clamp mounting Transformer, 2x115V / 2x24V	27.2 V	EN61558-2-4
504278	20	Clamp mounting Transformer, 2x115V / 2x6V	6.95 V	EN61558-2-6
504274	20	Clamp mounting Transformer, 2x115V / 2x9V	10.35 V	EN61558-2-6
504280	20	Clamp mounting Transformer, 2x115V / 2x12V	13.9 V	EN61558-2-6
504262	20	Clamp mounting Transformer, 2x115V / 2x15V	17.5 V	EN61558-2-6
504230	20	Clamp mounting Transformer, 2x115V / 2x24V	27.8 V	EN61558-2-4
504240	50	Clamp mounting Transformer, 2x115V / 2x6V	6.6 V	EN61558-2-6
504246	50	Clamp mounting Transformer, 2x115V / 2x9V	10.0 V	EN61558-2-6
504256	50	Clamp mounting Transformer, 2x115V / 2x12V	13.3 V	EN61558-2-6
504252	50	Clamp mounting Transformer, 2x115V / 2x15V	16.7 V	EN61558-2-6
504329	50	Clamp mounting Transformer, 2x115V / 2x24V	26.7 V	EN61558-2-4

Dimensions and fittings:



Power	Overall Size	Fixing		Weight	Efficiency
[VA]	L x D x H [mm]	C [mm]	Slot size	[kg]	%
6	45 x 40 x 37	53.5	4 x 5.5	0.20	> 80 %
12	59 x 50 x 50	70	4.7x8.7	0.4	>87%
20	59x57x50	70	4.7x8.7	0.55	> 80 %
50	79x62x65	92	4.7x9.5	1.0	>84%