

## FEATURES

- Primary voltage rating of 230V ac
- Secondary voltage rating of 4.5 – 31.9V ac
- Power rating of 100 - 240VA
- Operating frequency of 50/60Hz
- Maximum temperature of 70°C
- Isolation of 4kV RMS
- Full varnish impregnation
- Low noise laminations
- Protection class IP00

## RS PRO Multi-tapped Chassis Frame Mount Transformers



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

The Multi tapped Frame Mount Transformers 100VA to 240VA are high quality isolating transformers designed for use in general applications. The secondary winding gives a wide range of output voltage options. Designed according to the following specifications.

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

## General Specifications

Number of Outputs	1
Output Protection Type	None. Suggested fusing according to current rating.
Applications	Electromagnetic applications, electronic and electrical control systems, fans, pumps, speed changers, heating elements

## Mechanical Specifications

Mounting Type	Chassis frame mount
Length	89 - 100mm
Width	68 - 92mm
Depth	82 - 75mm
Weight	1.6 - 2kg

## Electrical Specifications

Power Rating	100 - 240VA
Primary Voltage Rating	230V ac
Secondary Voltage Rating	4.5 – 31.9V ac
Isolation	4kV RMS
Temperature Class	B (70°C)

<b>Input Data</b>	
Rated Input Voltage	230V ac
Switch-On Time	100%
Minimum Operating Frequency	50Hz
Maximum Operating Frequency	60Hz

<b>Output Data</b>	
Rated Output Voltage	4.5 -31.9V ac
Rated Power	100 - 240VA

## Protection Category

IP Rating	IP00
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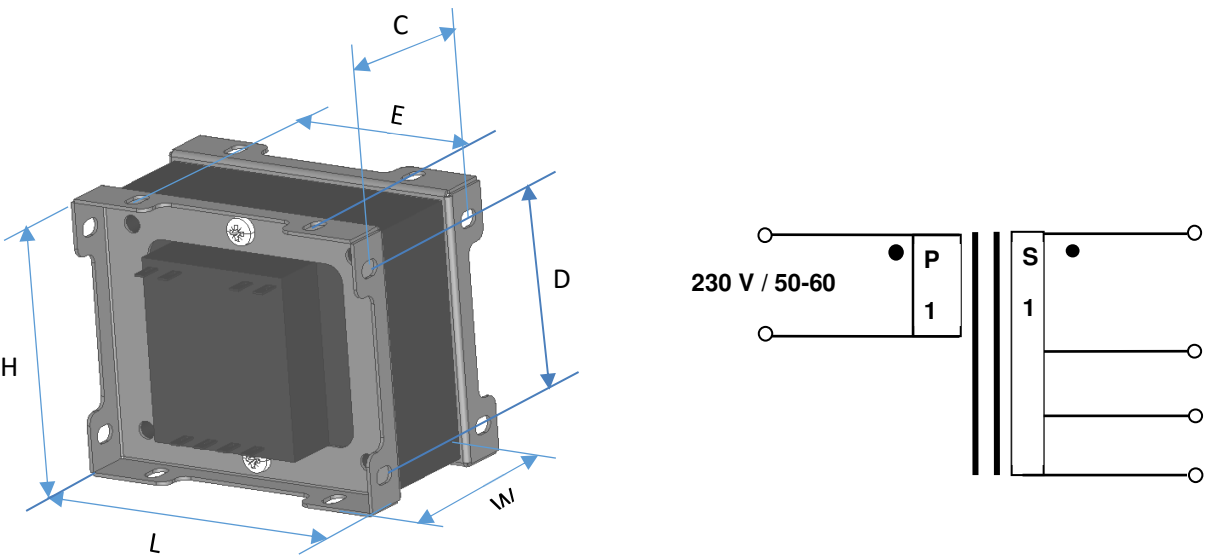
## Approvals

Declarations	MFR Declaration of Conformity
Compliance	RoHS, CE
Standards Met	IEC/BS/EN 61558-1 AS/NZS 61558.1 IEC/BS/EN 61558-2-6 AS/NZS 61558.2.6

## Order Details

RS Stock number	Power VA	Specification	No-load voltages
503922	102	Chassis mounting Transformer, 0-13.4-19.2-26-31.9V	15-20.5-27.5-34.5V
504000	100	Chassis mounting Transformer, 0-6-9-12-18-24V	6.7-10-13.3-20.1-26.8V
504010	240	Chassis mounting Transformer, 0-4.5-6-9-12-15-18-20-24V	4.7-6.2-9.5-12.4-15.5-19-21-25V

## Mechanical Drawings



RS Stock number	Overall Size	Fixing			Weight	Efficiency
		Vertical C x D [mm]	Horizontal C X E (mm)	Slot size		
503922	L x W x H [mm] 99 x 76 x 83	54 x 54	54 x 63	4.7 x 7.9	1.98	10
504000	89 x 68 x 75	43.5 x 57	43.5 x 57	4.7 x 7.9	1.6	10
504010	100 x 92 x 82	60 x 56	60 x 72	5.5 x 8.5	2.8	6.5

Subject to errors and changes in data sheets. D4586174.