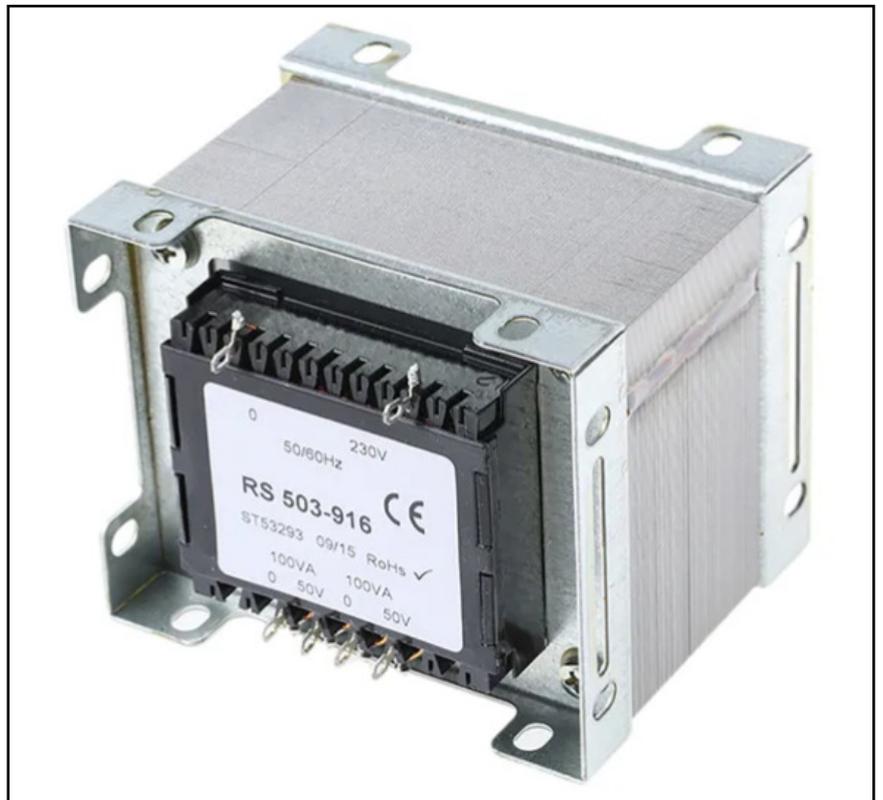


## FEATURES

- Primary voltage rating of 230V ac
- Secondary voltage rating of 2x6, 2x9, 2x15, 2x18, 2x20, 2x24, 2x30, 2x50 V ac
- Power rating of 75 - 200VA
- 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 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 Chassis Frame Mount Transformers 75VA to 200VA 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
- 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

<b>Number of Outputs</b>	2
<b>Output Protection Type</b>	None. Suggested fusing according to current rating.
<b>Applications</b>	Automotive engines, household applications, industrial machinery, medical equipment, telecommunications equipment, smart home

## Mechanical Specifications

<b>Mounting Type</b>	Chassis frame mount
<b>Length</b>	79-100mm
<b>Width</b>	75-92mm
<b>Depth</b>	65 - 82mm
<b>Weight</b>	1.5 – 2.8kg

## Electrical Specifications

Power Rating	75 - 200VA
Primary Voltage Rating	230V ac
Secondary Voltage Rating	6, 9, 15, 18, 20, 24, 30 or 50V ac
Isolation	4kV RMS
Temperature Class	B (70°C)

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

Output Data	
Rated Output Voltage	6, 9, 15, 18, 20, 24, 30 or 50V ac
Rated Power	75 - 200VA

## Protection Category

IP Rating	IPO0
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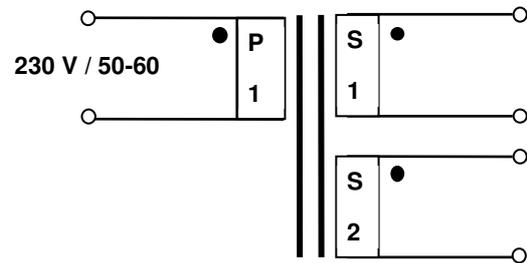
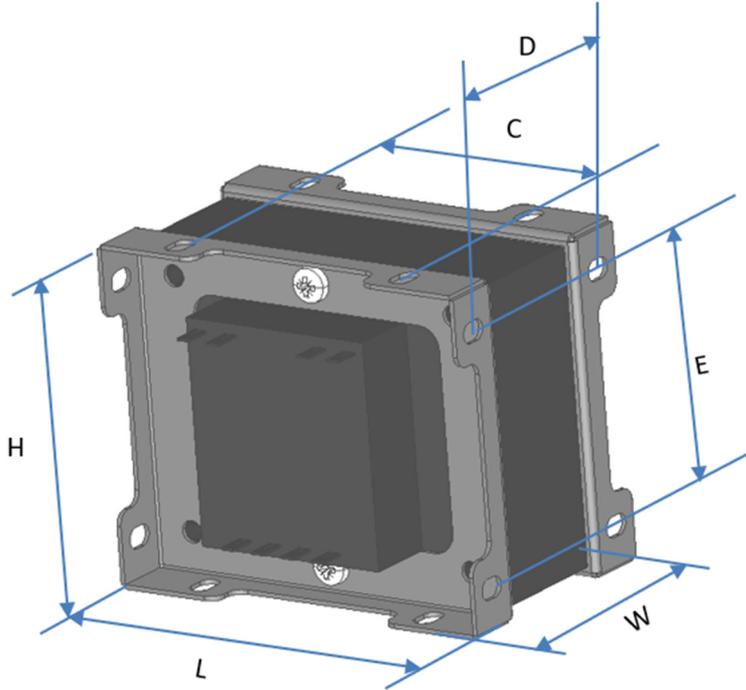
## Approvals

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 or IEC/BS/EN 61558-2-4 AS/NZS 61558.2.6 or AS/NZS 61558.2.4

## Order Details

RS Stock number	Power VA	Specification	No-load voltage	According to
504634	75	Chassis mounting Transformer, 2x6V	6.75 V	IEC61558-2-6
504644	75	Chassis mounting Transformer, 2x9V	9.9 V	IEC61558-2-6
504044	75	Chassis mounting Transformer, 2x12V	13.2 V	IEC61558-2-6
504054	75	Chassis mounting Transformer, 2x15V	16.7 V	IEC61558-2-6
504050	75	Chassis mounting Transformer, 2x18V	20.0 V	IEC61558-2-6
504060	75	Chassis mounting Transformer, 2x24V	26.6 V	IEC61558-2-6
504066	75	Chassis mounting Transformer, 2x50V	55.4 V	IEC61558-2-4
504026	100	Chassis mounting Transformer, 2x6V	6.6 V	IEC61558-2-6
504048	100	Chassis mounting Transformer, 2x9V	9.86 V	IEC61558-2-6
504016	100	Chassis mounting Transformer, 2x12V	13.4 V	IEC61558-2-6
504022	100	Chassis mounting Transformer, 2x15V	16.4 V	IEC61558-2-6
504032	100	Chassis mounting Transformer, 2x18V	19.7 V	IEC61558-2-6
504038	100	Chassis mounting Transformer, 2x20V	22.8 V	IEC61558-2-6
504105	100	Chassis mounting Transformer, 2x24V	27.0 V	IEC61558-2-6
504101	100	Chassis mounting Transformer, 2x30V	33.5 V	IEC61558-2-6
504111	100	Chassis mounting Transformer, 2x50V	55.8 V	IEC61558-2-4
504117	150	Chassis mounting Transformer, 2x6V	6.7 V	IEC61558-2-6
504076	150	Chassis mounting Transformer, 2x9V	10.0 V	IEC61558-2-6
504127	150	Chassis mounting Transformer, 2x12V	13.4 V	IEC61558-2-6
504094	150	Chassis mounting Transformer, 2x15V	16.4 V	IEC61558-2-6
504072	150	Chassis mounting Transformer, 2x18V	19.7 V	IEC61558-2-6
504082	150	Chassis mounting Transformer, 2x24V	26.1 V	IEC61558-2-6
504088	150	Chassis mounting Transformer, 2x50V	54.9	IEC61558-2-4
504098	200	Chassis mounting Transformer, 2x6V	6.4 V	IEC61558-2-6
503940	200	Chassis mounting Transformer, 2x9V	9.8 V	IEC61558-2-6
503950	200	Chassis mounting Transformer, 2x12V	13.0 V	IEC61558-2-6
503934	200	Chassis mounting Transformer, 2x15V	16.2 V	IEC61558-2-6
503944	200	Chassis mounting Transformer, 2x18V	19.6 V	IEC61558-2-6
503956	200	Chassis mounting Transformer, 2x20V	21.7 V	IEC61558-2-6
503938	200	Chassis mounting Transformer, 2x24V	25.6 V	IEC61558-2-6
503906	200	Chassis mounting Transformer, 2x30V	32.5 V	IEC61558-2-6
503916	200	Chassis mounting Transformer, 2x50V	54.0 V	IEC61558-2-4

## Mechanical Drawings



Power	Overall Size	Fixing			Weight	Efficiency
[VA]	L x W x H [mm]	Horizontal C x D [mm]	Vertical E x D (mm)	Slot size	[kg]	%
75	79 x 65 x 75	54 x 54	54 x 54	4.7 x 7.9	1.5	86
100	89 x 75 x 68	57 x 43.5	57 x 43.5	4.7 x 7.9	1.60	87
150	100 x 82 x 82	72 x 60	56 x 60	5.5 x 8.5	2.0	90
200	100 x 82 x 92	72 x 70	56 x 70	5.5 x 8.5	2.8	90

Subject to errors and changes in data sheets. D4586173.