

FEATURES

- Primary voltage rating of 115V ac or 230V ac
- Secondary voltage rating of 6 – 24V ac
- Power rating of 100VA
- 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, 2x115V Primary



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 100VA 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.

- The twin 115V primary windings have to be connected in series for 230V or parallel for 115V operation.
- 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	2
Output Protection Type	None. Suggested fusing according to current rating.
Applications	Electromagnetic applications, electronic and electrical control systems, relays, pumps, speed changers, heating elements

Mechanical Specifications

Mounting Type	Chassis frame mount
Length	89mm
Width	68mm
Depth	75mm
Weight	1.6kg

Electrical Specifications

Power Rating	100VA
Primary Voltage Rating	115V ac or 230V ac
Secondary Voltage Rating	6 -24V ac
Isolation	4kV RMS
Temperature Class	B (130°C) / ta 70°C

Input Data	
Rated Input Voltage	115V ac or 230V ac
Switch-On Time	100%
Minimum Operating Frequency	50Hz
Maximum Operating Frequency	60Hz

Output Data	
Rated Output Voltage	6 – 24V ac
Rated Power	100VA

Protection Category

IP Rating	IP00
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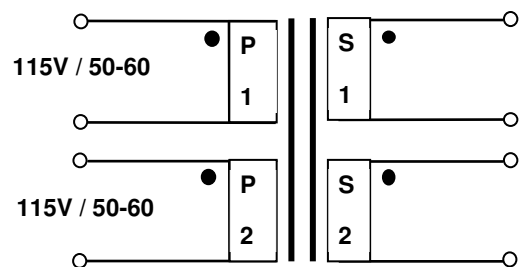
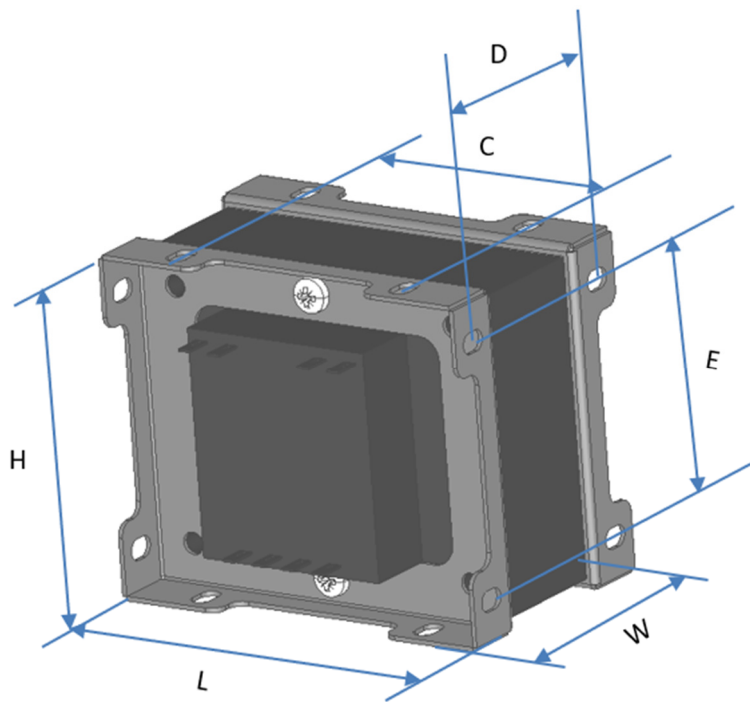
Approvals

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 voltage	According to
504331	100	Chassis mounting Transformer, 2x115V / 2x6V	6.6 V	IEC61558-2-6
504325	100	Chassis mounting Transformer, 2x115V / 2x9V	9.9 V	IEC61558-2-6
504341	100	Chassis mounting Transformers, 2x115V / 2x12V	13.4 V	IEC61558-2-6
504319	100	Chassis mounting Transformer, 2x115V / 2x15V	16.4 V	IEC61558-2-6
504335	100	Chassis mounting Transformer, 2x115V / 2x24V	26.4 V	IEC61558-2-6

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 (mm)	[kg]	%
100	89 x 75 x 68	57 x 43.5	57 x 43.5	4.7 x 7.9	1.60	87