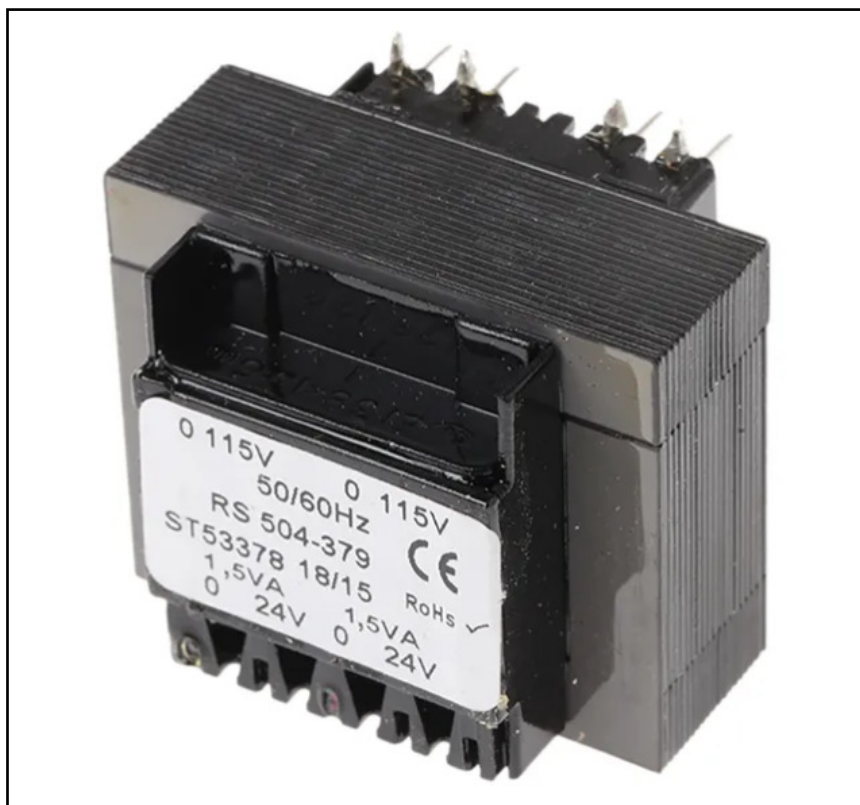


FEATURES

- Primary voltage rating of 2x115V ac
- Secondary voltage rating of 6 - 24V ac
- Power rating of 3 - 12VA
- Operating frequency of 50/60Hz
- Maximum temperature of 130°C
- Isolation of 4kV RMS
- Fully shrouded bobbins
- Full varnish impregnation
- Protection class IP00

RS PRO PCB Transformers – Open Type – 2x115V



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 PCB mounting mains Transformers 3VA to 12VA are high quality isolating transformers designed for use in general applications. Designed according to the following specifications

- The twin 115V primary windings have to be connected in series for 230V or parallel for 115V operation
- The two independent secondary windings may be connected in series for double voltage or in parallel to give double current
- Full varnish impregnation
- Fully shrouded bobbins
- Double section metric bobbin for class II construction providing double or reinforced insulation with the shrouds.
- 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	Through hole
Length	38 - 54mm
Width	35 - 45mm
Depth	30 - 41mm
Weight	140 - 400g

Electrical Specifications

Power Rating	3 - 12VA
Primary Voltage Rating	2x115V ac
Secondary Voltage Rating	6 - 24V ac
Isolation	4kV RMS
Temperature Class	B (130°C)

Input Data	
Rated Input Voltage	2x115V ac
Switch-On Time	100%
Minimum Operating Frequency	50Hz
Maximum Operating Frequency	60Hz

Output Data	
Rated Output Voltage	6 - 24V
Rated Power	3 – 12VA

Protection Category

IP Rating	IP00
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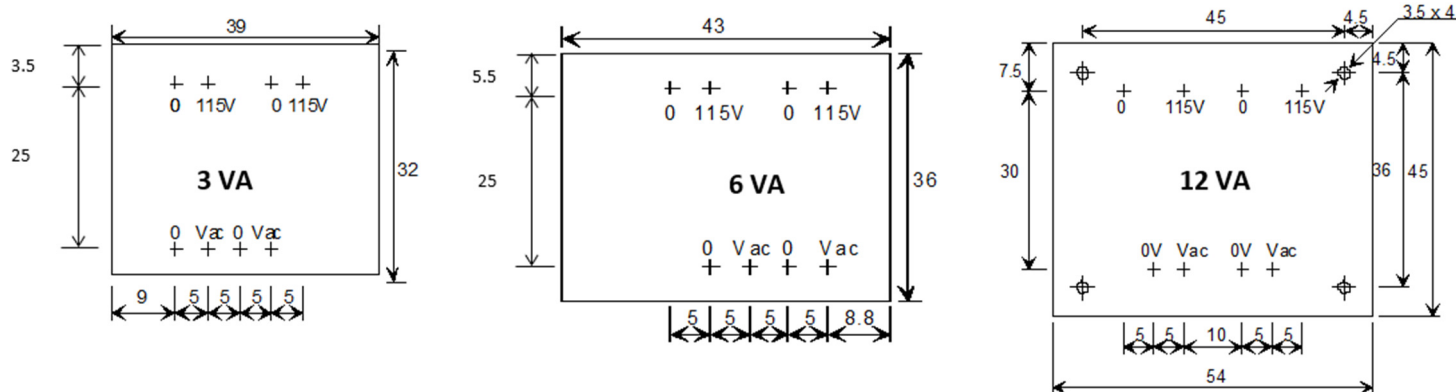
Approvals

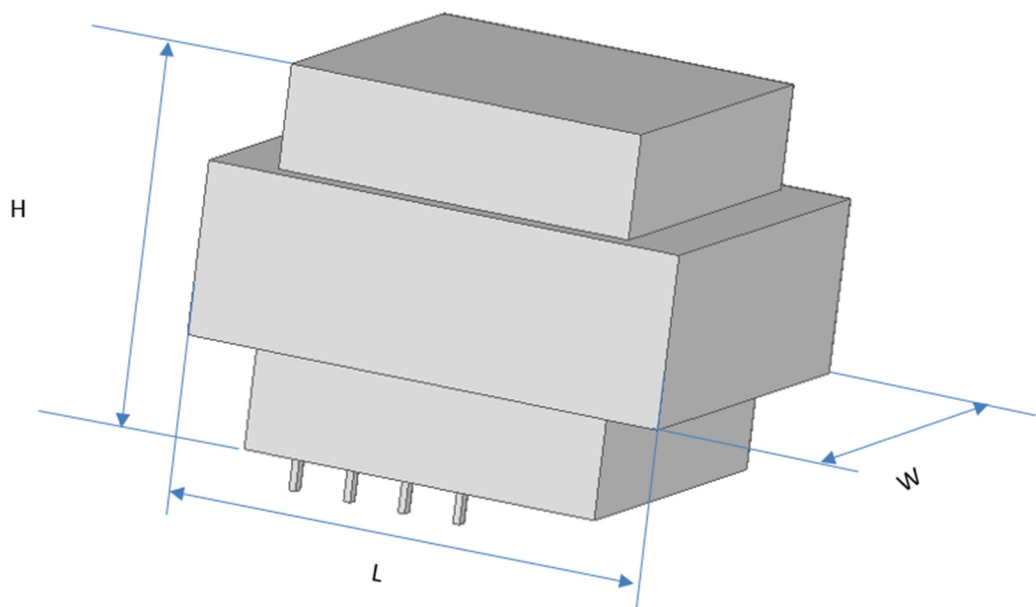
Declarations	MFR Declaration of Conformity
Compliance	RoHS, CE
Standards Met	IEC/BS/EN 61558-1 AS/NZS 61558.1 IEC/BS/EN 61558-2-6 AS/NZS 61558.2.6

Order Details

RS Stock number	Power VA	Specification	No-load voltage	According to
504381	3	PCB mount Transformer, open type, 2x115V / 2x6V	7.8 V	IEC61558-2-6
504385	3	PCB mount Transformer, open type, 2x115V / 2x9V	11.7 V	IEC61558-2-6
504397	3	PCB mount Transformer, open type, 2x115V / 2x12V	15.5 V	IEC61558-2-6
504391	3	PCB mount Transformer, open type, 2x115V / 2x15V	19.3 V	IEC61558-2-6
504379	3	PCB mount Transformer, open type, 2x115V / 2x24V	31.6 V	IEC61558-2-6
504347	6	PCB mount Transformer, open type, 2x115V / 2x6V	8.15 V	IEC61558-2-6
504357	6	PCB mount Transformer, open type, 2x115V / 2x9V	12.2 V	IEC61558-2-6
504353	6	PCB mount Transformer, open type, 2x115V / 2x12V	16.3 V	IEC61558-2-6
504363	6	PCB mount Transformer, open type, 2x115V / 2x15V	20.4 V	IEC61558-2-6
504436	12	PCB mount Transformer, open type, 2x115V / 2x6V	7.0 V	IEC61558-2-6
504432	12	PCB mount Transformer, open type, 2x115V / 2x9V	10.5 V	IEC61558-2-6
504448	12	PCB mount Transformer, open type, 2x115V / 2x12V	14.0 V	IEC61558-2-6
504442	12	PCB mount Transformer, open type, 2x115V / 2x15V	17.5 V	IEC61558-2-6
504426	12	PCB mount Transformer, open type, 2x115V / 2x24V	28.0 V	IEC61558-2-6

Mechanical Drawings





Power	Overall Size	Weight	Efficiency
[VA]	L x W x H [mm]	[kg]	%
3	39x32x30	0.14	>67%
6	43x36x33	0.18	>77%
12	54x41x45	0.4	>82%

