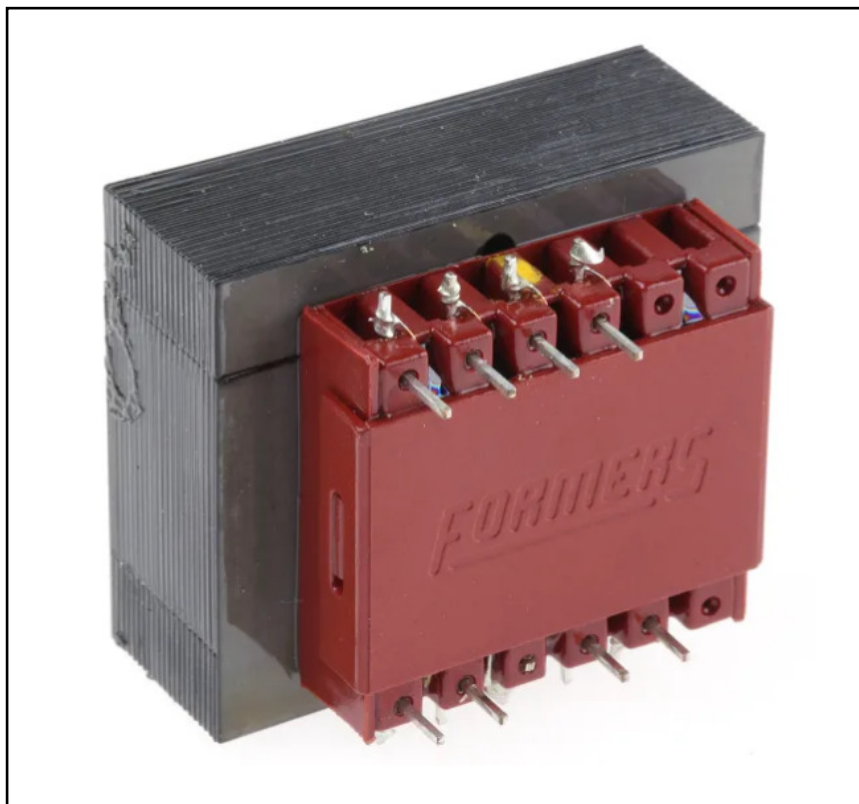


FEATURES

- Primary voltage rating of 230V ac
- Secondary voltage rating of 6 - 15V ac
- Power rating of 3 - 20VA
- Operating frequency of 50/60Hz
- Maximum temperature of 130°C
- Isolation of 4kV RMS
- Flame retardant materials to UL94-V0
- Full varnish impregnation
- Protection class IP00

RS PRO PCB Transformers – Open Type – Flame Retardant



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 20VA are high quality safety isolating short circuit proof transformers designed for use in general applications. Designed according to the following specifications

- One short thermal fuse in primary providing overload and short circuit protection
- Flame retardant materials to UL94-V0
- 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	Electronic and electrical control systems, relays,

Mechanical Specifications

Mounting Type	Through hole
Length	38 - 60mm
Width	35 - 54mm
Depth	30 - 42mm
Weight	140 - 500g

Electrical Specifications

Power Rating	3 - 20VA
Primary Voltage Rating	230V ac
Secondary Voltage Rating	6 - 15V ac
Isolation	4kV RMS
Temperature Class	B (130°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 - 15V
Rated Power	3 - 20VA

Protection Category

IP Rating	IP00
------------------	------

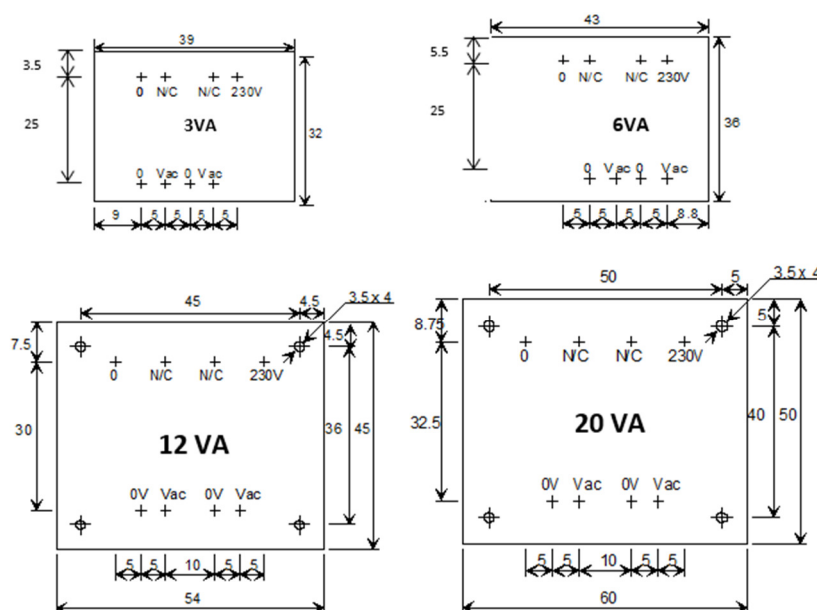
Approvals

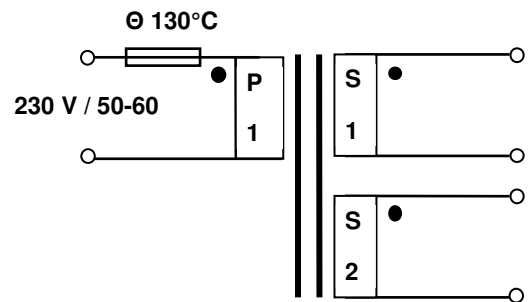
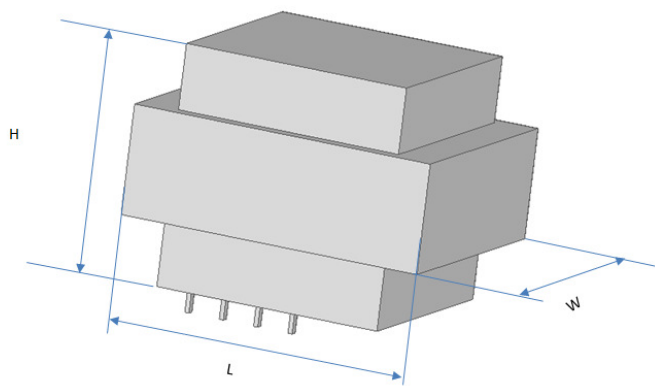
Declarations	MFR Declaration of Conformity
Compliance	RoHS, CE
Standards Met	IEC/BS/EN 61558-1 AS/NZS 61558.1 IEC/BS/EN 61558-2-6 AS/NZS 61558.2.6

Order Details

RS Stock number	Power VA	Specification	No-load voltage	According to
504458	3	PCB mount Transformer, open type, 230V / 2x6V	7.9 V	IEC61558-2-6
504408	3	PCB mount Transformer, open type, 230V / 2x9V	11.6 V	IEC61558-2-6
504410	3	PCB mount Transformer, open type, 230V / 2x12V	16.45 V	IEC61558-2-6
504404	3	PCB mount Transformer, open type, 230V / 2x15V	20.0 V	IEC61558-2-6
504420	6	PCB mount Transformer, open type, 230V / 2x6V	8.2 V	IEC61558-2-6
504414	6	PCB mount Transformer, open type, 230V / 2x9V	12.3 V	IEC61558-2-6
504707	6	PCB mount Transformer, open type, 230V / 2x12V	16.3 V	IEC61558-2-6
504717	6	PCB mount Transformer, open type, 230V / 2x15V	20.4 V	IEC61558-2-6
504723	12	PCB mount Transformer, open type, 230V / 2x9V	10.4 V	IEC61558-2-6
504729	12	PCB mount Transformer, open type, 230V / 2x12V	14.0 V	IEC61558-2-6
504684	20	PCB mount Transformer, open type, 230V / 2x12V	14.0 V	IEC61558-2-6
504763	20	PCB mount Transformer, open type, 230V / 2x15V	17.8 V	IEC61558-2-6

Mechanical Drawings





Power	Overall Size	Weight	Efficiency
[VA]	L x W x H [mm]	[kg]	%
3	39x30x35	0.14	>63%
6	43x36x33	0.18	>77%
12	54x41x45	0.4	>82%
20	60x54x42	0.5	>80%