

## FEATURES

- Primary voltage rating of 2x115V ac
- Secondary voltage rating of 2x9 – 2x55V ac
- Power rating of 30 - 50VA
- Operating frequency of 50/60Hz
- Maximum temperature of 105°C
- Isolation of 4kV RMS
- Environmentally friendly, low energy dissipation
- High efficiency, low regulation design
- Protection class IP00

## RS PRO Torodial Transformer – Open Type 30 – 50VA RS Stock No: see below



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

Standard toroidal transformers designed according to the following specifications.

- High quality safety and isolating transformers designed for use in control circuits and general applications
- Very good quality, low loss and low noise toroidal core
- Environmentally friendly, low energy dissipation
- Dual primary windings for parallel or serial connection
- High efficiency, low regulation design
- Dual secondary windings
- Detailed product specification on permanent label
- Designed and manufactured to confirm to BS EN 61558-1 and UL506
- 100% electrical and flash tested
- Mounting kit included: 2 rubber washers, 1 metal disc, bolt and nut

## 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	By bolt, disc and rubber washer
Height	32 - 34mm
Diameter	71 - 80mm
Weight	500 - 760g

## Electrical Specifications

Power Rating	30 - 50VA
Primary Voltage Rating	2x115V ac
Secondary Voltage Rating	2x9 - 2x55V ac
Isolation	4kV RMS
Temperature Class	A (105°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	2x9 – 2x55V
Rated Power	30 - 50VA

## Protection Category

IP Rating	IP00
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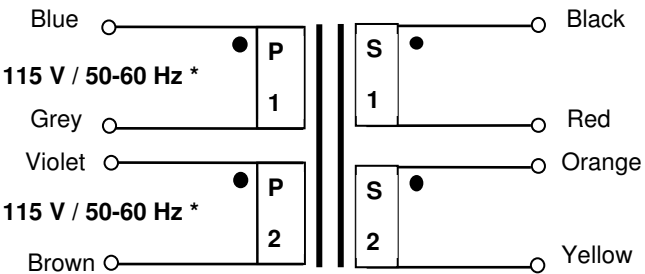
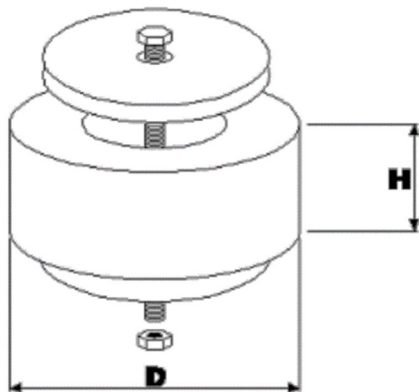
## Approvals

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 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
5405163	30	2 Output Toroidal Transformer, 9V	10.25	IEC61558-2-6
5404952	30	2 Output Toroidal Transformer, 25V	28.4	IEC61558-2-4
5405220	50	2 Output Toroidal Transformer, 12V	13.5	IEC61558-2-6
5404968	50	2 Output Toroidal Transformer, 18V	20.25	IEC61558-2-6
5405242	50	2 Output Toroidal Transformer, 25V	28	IEC61558-2-4
5404974	50	2 Output Toroidal Transformer, 55V	61.5	IEC61558-2-4

## Mechanical Drawings



\*) The two primary windings have to be connected either in series or in parallel.

Power [VA]	Secondary [V]	Overall Size OD x ID x H [mm]	Weight [kg]
30	2x (6, 9, 12, 15, 18, 25)	70 x 32	0.45
50	2x (6, 9, 12, 15, 18, 25, 55)	80 x 34	0.65