

ENGLISH

Datasheet **RS Pro 2 Output Toroidal Transformer, 160VA, 2 x 12V ac** RS Stock No: 671-9019



Product Details

RS Pro 2 output toroidal transformer is a small size and low weight with traditional stacked laminated transformers. It has both primary and secondary windings connected in series or parallel. This transformer has primary voltage rating of 115 V ac, 230 V ac, secondary voltage rating of 2 x 12 V ac and power rating of 160 VA. Toroidal transformer meets EN 61558, IEC 742, UL 506, UL 1411, UL 478 and CE certified.

Features and Benefits

- Low induced noise (hum)
- Low level of radiated magnetic field
- Flexible leadouts for ease of installation
- 100% electrical and flash testing



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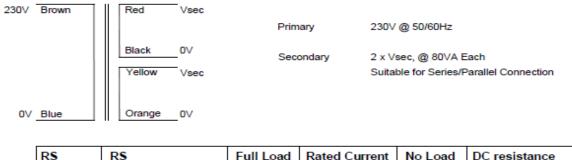
Specifications:

Diameter	109 mm
Dimensions	109 (dia.) x 46 mm
Height	46 mm
Maximum Operating Frequency	60 Hz
Minimum Operating Frequency	50 Hz
Number of Outputs	2
Power Rating	160 VA
Primary Voltage Rating	230 V ac
Secondary Current	6.667 A
Secondary Voltage Rating	2 x 12 V ac
Termination Type	Copper Conductor
Weight	1.74 kg
Construction	Open
Standards Met	UL 506, IEC 61558 Class II, EN 61558 Class II, VDE0570 Class II, RoHS Compliant



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Open Style, with leads, 230V Primary, 160VA



RS Code No.	RS Part No.	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	IDC resistance [Ohms] @ 25° C
671-9019	81551-P1S2	2x12	6.667	2 x 12.99	2 x 0.0819
671-9012	81552-P1S2	2x15	5.333	2 x 16.39	2 x 0.1377
671-9016	81553-P1S2	2x18	4.444	2 x 19.58	2 x 0.1842
671-9025	81554-P1S2	2x25	3.200	2 x 27.18	2 x 0.3503
671-9028	81555-P1S2	2x30	2.667	2 x 32.57	2 x 0.5257
671-9022	81556-P1S2	2x55	1.455	2 x 59.70	2 x 1.7576

Primary Winding	Input Voltage :230V±10 % @ 50/60Hz DC Resistance @25°C = 10 Ohms (approx) Magnetising Current @ 230V = 120.0mA (approx) Magnetising Current @ 253V = 300.0mA (approx)			
Losses	Iron Losses 7.0 Watts (approx) Copper Losses 18.80 Watts (approx)			
Temperature Class	Winding Wire (Primary & Secondary). Class H (180° C)Insulation between input and output.Class B (130° C)Connection lead insulation.Class A (105° C)			
Standards	2	ured and tested according to the requirements of: Non-Short-Circuit Proof		
Physical Data	Approximation Dim	Height 46mm * Measured away from leadout bulge, allow extra 4mm at leads		
Terminations	do	Solid Copper Conductors (Extension of winding wire) double Insulated over their entire length with PVC tubing 150mm Long, with 10mm tinned ends. Solid copper conductors (extension of winding wire) insulated over their entire length with PVC tubing 150mm Long, with 10mm tinned ends.		
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