

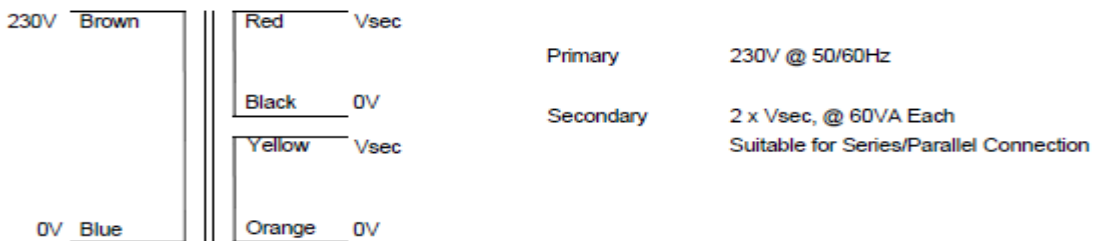
**ENGLISH**

Datasheet

2 Output Toroidal Transformer, 120VA, 2 x 55 V ac

RS Stock number [671-9000](#)

Open Style, with leads, 230V Primary, 120VA



RS Code No.	RS Part No.	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC resistance [Ohms] @ 25° C
671-8996	81546-P1S2	2x12	5.000	2 x 13.31	2 x 0.1324
671-8990	81547-P1S2	2x15	4.000	2 x 16.64	2 x 0.2057
671-9003	81548-P1S2	2x18	3.333	2 x 19.97	2 x 0.3039
671-9006	81549-P1S2	2x25	2.400	2 x 27.85	2 x 0.6000
671-9000	81550-P1S2	2x55	1.091	2 x 61.13	2 x 2.9489

Primary Winding

Input Voltage : 230V±10 % @ 50/60Hz
DC Resistance @25°C = 16 Ohms (approx)
Magnetising Current @ 230V = 105.0mA (approx)
Magnetising Current @ 253V = 275.0mA (approx)

Losses

Iron Losses 6.0 Watts (approx)
Copper Losses 18.90 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

Designed, manufactured and tested according to the requirements of:

EN61558 Class II, Non-Short-Circuit Proof
VDE0570 Class II
IEC61558 Class II
UL506

Physical Data

Approximation Dimension Diameter 96mm*
Height 48mm
Approximate weight 1.37 Kg
* Measured away from leadout bulge, allow extra 4mm at leads

Terminations

Primary Solid Copper Conductors (Extension of winding wire)
double Insulated over their entire length with PVC tubing
150mm Long, with 10mm tinned ends.

Secondary Solid copper conductors (extension of winding wire)
insulated over their entire length with PVC tubing
150mm Long, with 10mm tinned ends.