ENGLISH

Datasheet

2 Output Toroidal Transformer, 120VA, 2 x 18 V ac

RS Stock number 671-9003

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

Primary	230V @ 50/60Hz
Secondary	2 x Vsec, @ 60VA Each Suitable for Series/Parallel Connection

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
* Measured away from leadout bulge, allow extra 4mm at leads
Approximate weight 1.37 Kg

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.

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.