



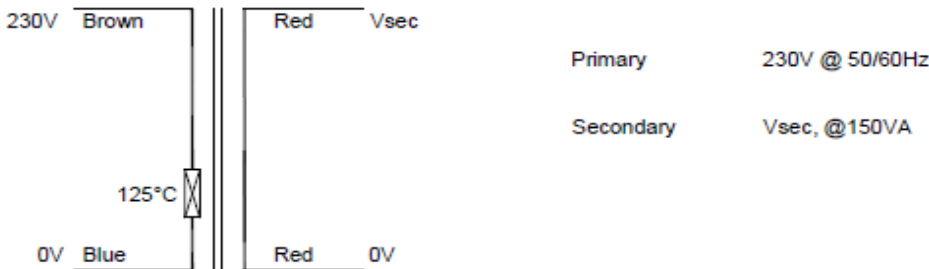
ENGLISH

Datasheet

2 Output Toroidal Transformer, 150VA, 11.8 V ac

RS Stock number [671-9191](#)

Open Style,LVL,with leads, 230V Primary,150VA



RS Code No.	RS Part No.	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC resistance [Ohms] @ 25° C
671-9191	81606-P1S1	11.8	12.712	12.99	0.0460

Primary Winding

Input Voltage Range : 207V - 253V (230V±10 %) @ 50/60Hz
DC Resistance @25°C = Approx 11 Ohms
Magnetising Current @ 230V = Approx 85.0mA
Magnetising Current @ 253V = Approx 200.0mA

Losses

Iron Losses 6.0 Watts approx
Copper Losses 18.0 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-inherently Short-Circuit Proof
VDE0570 Class II
IEC61558 Class II
UL506

Physical Data

Approximation Dimension Diameter 106mm*
Height 43mm
* Measured away from leadout bulge, allow extra 4mm at leads
Approximate weight 1.67 Kg

Terminations

Primary Flexible equipment wire, 105°C PVC, 16/0.20 (0.5mm²)
Double Insulated over entire length with PVC sleeves
150mm Long, with 10mm stripped ends.
Secondary Flexible equipment wire, 105°C PVC, 50/0.25 (2.5mm²)
150mm Long, with 10mm Stripped ends.