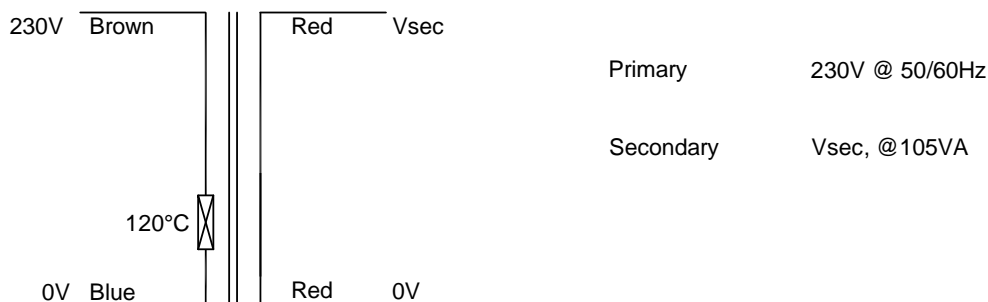




Data Sheet Toroidal Transformer

Open Style,LVL,with leads, 230V Primary,105VA



RS Code No.	RS Part No.	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC resistance [Ohms] @ 25° C
671-9198	81605-P1S1	11.8	8.898	13.18	0.0739

Primary Winding

Input Voltage Range : 207V - 253V (230V±10 %) @ 50/60Hz
 DC Resistance @25°C = Approx 20 Ohms
 Magnetising Current @ 230V = Approx 80.0mA
 Magnetising Current @ 253V = Approx 160.0mA

Losses

Iron Losses 5.5 Watts approx
 Copper Losses 13.0 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 93mm*
 Height 46mm
 * Measured away from leadout bulge, allow extra 4mm at leads
 Approximate weight 1.25 Kg

Terminations

Primary Flexible equipment wire, 105°C PVC, 16/0.20 (0.5mm ²)
 Double Insulated over entire length with PVC sleeves
 150mm Long, with 10mm stripped ends.

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