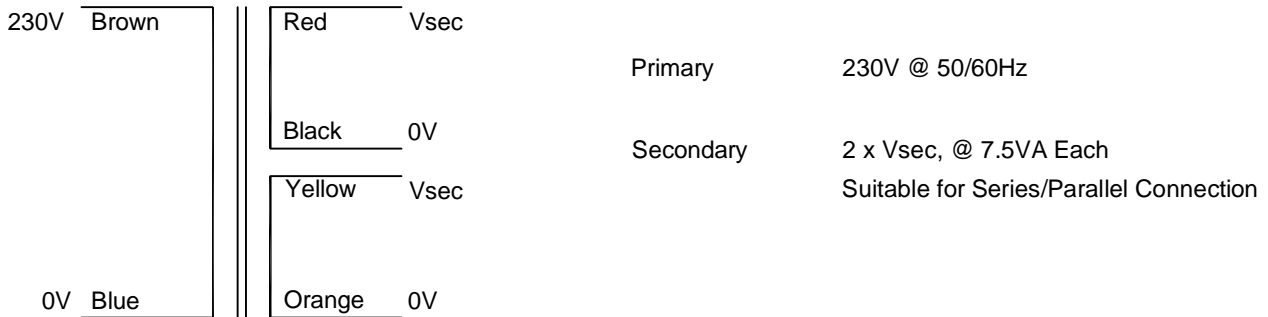




# Toroidal Transformer Data Sheet

30-Dec-2009

## Open Style, with leads, 230V Primary, 15VA



RS Code No.	RS Part No.	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC resistance [Ohms] @ 25° C
671-8918	81523-P1S2	2x6	1.250	2 x 7.00	2 x 0.4069
671-8912	81524-P1S2	2x9	0.833	2 x 10.42	2 x 0.9726
671-8921	81525-P1S2	2x12	0.625	2 x 13.92	2 x 1.7849
671-8924	81526-P1S2	2x15	0.500	2 x 17.35	2 x 2.5036
671-8928	81527-P1S2	2x18	0.417	2 x 20.92	2 x 3.9094

### Primary Winding

Input Voltage : 230V±10% @ 50/60Hz  
 DC Resistance @25°C = 153.0 Ohms (approx)  
 Magnetising Current @ 230V = 40.0mA (approx)  
 Magnetising Current @ 253V = 100.0mA (approx)

### Losses

Iron Losses 3.0 Watts (approx)  
 Copper Losses 3.20 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 60mm\*  
 Height 31mm  
 \* Measured away from leadout bulge, allow extra 4mm at leads  
 Approximate weight 0.365 Kg

### Terminations

*Primary* Flexible equipment wire, 105°C PVC, 7/0.20 (0.22mm<sup>2</sup>)  
 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.