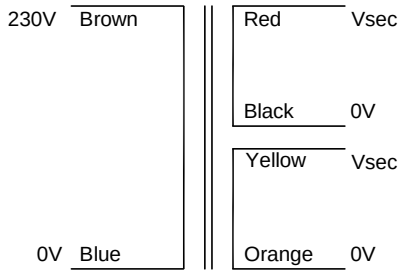
Datasheet

ENGLISH

Toroidal Transformer

Open Style, with leads, 230V Primary, 225VA



Primary	230V @ 50/60Hz
Secondary	2 x Vsec, @ 112.5VA 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
671-9031	81557-P1S2	2x12	9.375	2 x 13.07	2 x 0.0515
671-9034	81558-P1S2	2x15	7.500	2 x 16.22	2 x 0.0791
671-9038	81559-P1S2	2x18	6.250	2 x 19.39	2 x 0.1062
671-9047	81560-P1S2	2x25	4.500	2 x 27.12	2 x 0.2155
671-9040	81561-P1S2	2x30	3.750	2 x 32.44	2 x 0.3287
671-9044	81562-P1S2	2x55	2.045	2 x 59.32	2 x 1.0408

Primary Winding

Input Voltage : 230V±10 % @ 50/60Hz
DC Resistance @25°C = 8.0 Ohms (approx)
Magnetising Current @ 230V = 175.0mA (approx)
Magnetising Current @ 253V = 350.0mA (approx)

Losses

Iron Losses 9.0 Watts (approx)
Copper Losses 27.0 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-Short-Circuit Proof
VDE0570 Class II
IEC61558 Class II
UL506

Physical Data

Approximation Dimension Diameter 120mm*
Height 50mm
* Measured away from leadout bulge, allow extra 4mm at leads

Approximate weight 2.290 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.