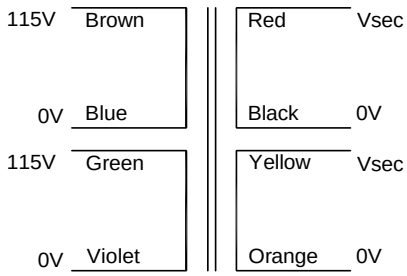
Datasheet

ENGLISH

Toroidal Transformer

Open Style,with leads, 2x115V Primary, 30VA



Primary	2x115V @ 50/60Hz
Secondary	2 x Vsec, @ 15VA 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
671-9066	81568-P2S2	2x6	2.500	2 x 7.19	2 x 0.2309
671-9075	81569-P2S2	2x9	1.667	2 x 10.74	2 x 0.5466
671-9078	81570-P2S2	2x12	1.250	2 x 14.29	2 x 0.9119
671-9072	81571-P2S2	2x15	1.000	2 x 17.85	2 x 1.4379
671-9081	81572-P2S2	2x18	0.833	2 x 21.40	2 x 2.1834
671-9084	81573-P2S2	2x25	0.600	2 x 29.74	2 x 4.2295

Primary Winding

Input Voltage : 2 x 115V±10 % @ 50/60Hz
DC Resistance @25°C = 2 x 46 Ohms (approx)
Magnetising Current @ 115V = 100.0mA (approx)
Magnetising Current @ 126.5V = Approx 220.0mA (approx)

Losses

Iron Losses 3.50 Watts (approx)
Copper Losses 7.00 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 70mm*
Height 32mm
* Measured away from leadout bulge, allow extra 4mm at leads
Approximate weight 0.503 Kg

Terminations

Primary Flexible equipment wire, 105°C PVC, 7/0.20 (0.22mm 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.