

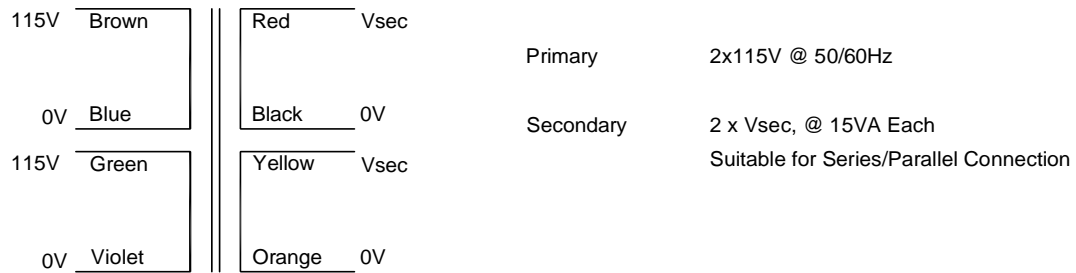


Datasheet

ENGLISH

Toroidal Transformer

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



| 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.