

**ENGLISH**

Datasheet

2 Output Toroidal Transformer, 50VA, 12 V ac

RS Stock number [671-8956](#)

Open Style, with leads, 230V Primary, 50VA

230V Brown	Red Vsec	Primary	230V @ 50/60Hz
0V Blue	Black 0V	Secondary	2 x Vsec, @ 25VA Each
	Yellow Vsec		Suitable for Series/Parallel Connection
	Orange 0V		

RS Code No.	RS Part No.	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC resistance [Ohms] @ 25° C
671-8959	81534-P1S2	2x6	4.167	2 x 6.82	2 x 0.0978
671-8952	81535-P1S2	2x9	2.778	2 x 10.29	2 x 0.2029
671-8956	81536-P1S2	2x12	2.083	2 x 13.63	2 x 0.3783
671-8965	81522-P1S2	2x15	1.667	2 x 17.10	2 x 0.6079
671-8968	81537-P1S2	2x18	1.389	2 x 20.57	2 x 0.8205
671-8962	81538-P1S2	2x25	1.000	2 x 28.50	2 x 1.6018
671-8971	81539-P1S2	2x55	0.455	2 x 62.70	2 x 7.8847

Primary Winding Input Voltage : 230V±10 % @ 50/60Hz
DC Resistance @25°C = 50 Ohms (approx)
Magnetising Current @ 230V = 75.0mA (approx)
Magnetising Current @ 253V = 175.0mA (approx)

Losses Iron Losses 4.50 Watts (approx)
Copper Losses 8.90 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 80mm*
Height 33mm
Approximate weight 0.74 Kg
* Measured away from leadout bulge, allow extra 4mm at leads

Terminations **Primary** Flexible equipment wire, 105°C PVC, 7/0.20 (0.22mm²)
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.