

Transformer Toroidal

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RoHS
Compliant

Specifications:

Input Voltage : 230V $\pm$ 10% 50/60Hz.
DC Resistance : 157 Ω $\pm$ 15% @ 20°C
Magnetising Current : 2.5mA approx.@ 230V 50Hz

Losses

Iron loss : 0.237 Watts approx.
Copper loss : 2.75 Watts approx.
Efficiency : 83% typical
Temperature rise : 33°C approx.
Ambient rated : 40°C

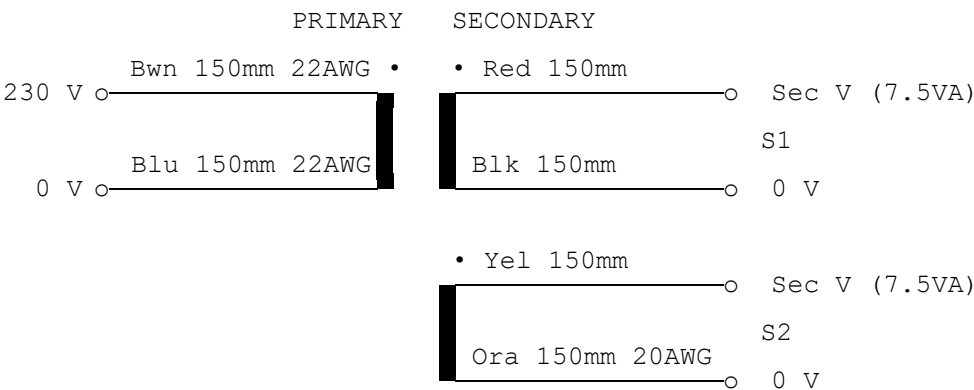
Temperature Class

Winding wire : Class H (180°C)
Insulation system : Class B (130°C)
Leadout insulation : Class A (105°C)
Overall : Class A (105°C)

Dimensions of the actual parts

Outer Diameter : 62.4mm
Height : 34.5mm
Weight : 0.36kg

Schematic



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Termination

All leads Tri-Rated UL1015 style cable rated 600V /105°C VW-1. Primary leads double insulated with PVC sleeving for a minimum of 20mm. Lead lengths ±5mm approx. All leads ends tinned to 6mm.

Pri/Sec leads 0°.

Part Number Table:

Description	On Load Sec V	Rated amps per Sec	Off load Sec V	Sec Flex Gauge	Sec Ohms @ 20°C.	Part Number
Transformer, 15VA, 2 × 6V	6	1.25	7.1	22AWG	0.58	MCFE015/06
Transformer, 15VA, 2 × 9V	9	0.83	10.6		1.34	MCFE015/09
Transformer, 15VA, 2 × 12V	12	0.63	14.2		2.26	MCFE015/12
Transformer, 15VA, 2 × 15V	15	0.5	17.7		3.57	MCFE015/15
Transformer, 15VA, 2 × 18V	18	0.42	21.4		5.4	MCFE015/18
Transformer, 15VA, 2 × 25V	25	0.3	29.4		7.51	MCFE015/25

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