

Transformer Toroidal



RoHS
Compliant

Specifications:

Input Voltage : 230V \pm 10% 50/60Hz.
 DC Resistance : 87 Ω \pm 15% @ 20°C
 Magnetising Current : 4mA approx.@ 230V 50Hz

Losses

Iron loss : 0.39 Watts approx.
 Copper loss : 4.3 Watts approx.
 Efficiency : 86% typical
 Temperature rise : 34°C approx.
 Ambient rated : 40°C

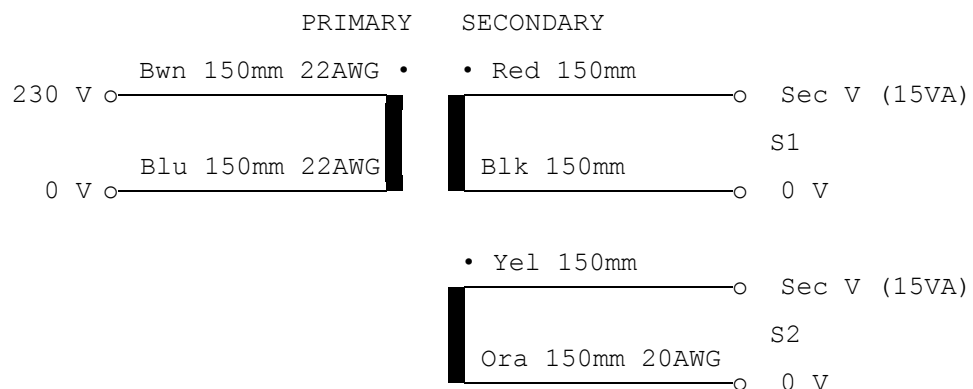
Temperature Class

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 : 81.3mm
 Height : 39mm
 Weight : 0.62kg

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 ± 5 mm 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, 30VA, 2 × 6V	6	2.5	6.9	22AWG	0.19	MCFE030/06
Transformer, 30VA, 2 × 9V	9	1.67	10.3		0.41	MCFE030/09
Transformer, 30VA, 2 × 12V	12	1.25	13.7		0.76	MCFE030/12
Transformer, 30VA, 2 × 15V	15	1	17.1		1.2	MCFE030/15
Transformer, 30VA, 2 × 18V	18	0.83	20.6		1.79	MCFE030/18
Transformer, 30VA, 2 × 25V	25	0.6	28.4		3.08	MCFE030/25

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