

Transformer Toroidal



RoHS
Compliant



Specifications:

Input Voltage : 230V \pm 10% 50/60Hz
 DC Resistance : 2 Ω \pm 15% @ 20°C
 Magnetising Current : 20mA approx.@ 230V 50Hz

Losses

Iron Loss : 1.89 Watts approx.
 Copper Loss : 24.4 Watts approx.
 Efficiency : 95% typical
 Temperature Rise : 53°C approx.
 Ambient Rated : 40°C

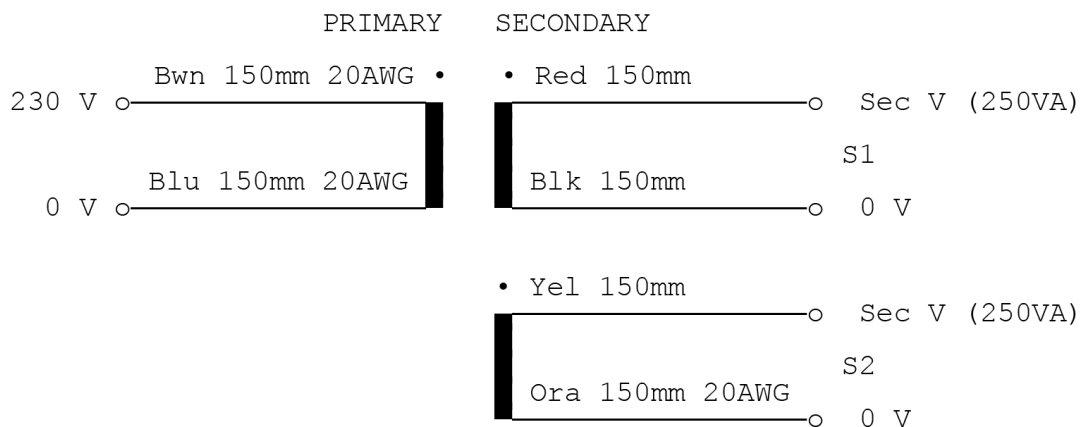
Temperature Class

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 : 147.1mm
 Height : 64.7mm
 Weight : 4.57kg

Schematic



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Termination

All leads Tri-Rated 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 No.
Transformer, 500VA, 2 × 25V	25	10	26.2	16AWG	0.07	MCFE500/25
Transformer, 500VA, 2 × 35V	35	7.14	36.6	18AWG	0.13	MCFE500/35
Transformer, 500VA, 2 × 40V	40	6.25	41.7	18AWG	0.17	MCFE500/40

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