

# Transformer Toroidal



RoHS  
Compliant



## Specifications:

Input Voltage : 230V  $\pm$  10% 50/60Hz  
 DC Resistance : 2 $\Omega$   $\pm$  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

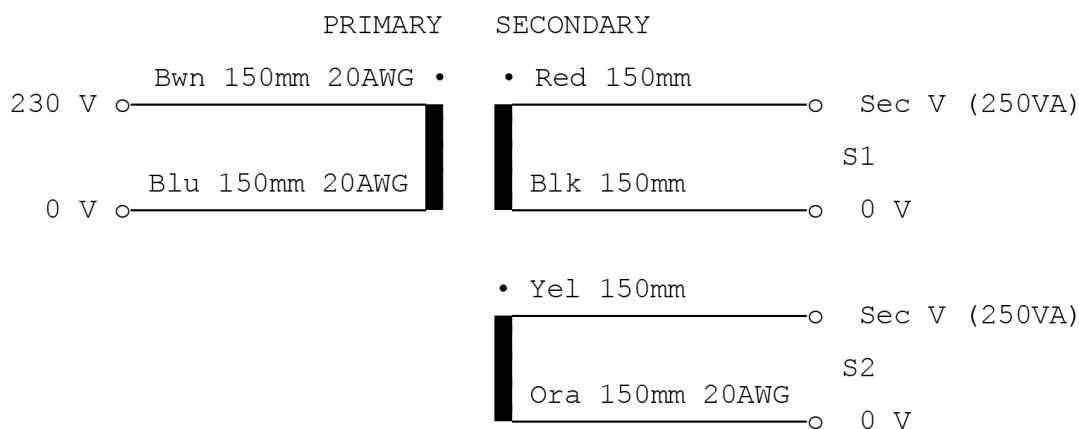
## Temperature Class

Winding Wire : Class H (180°C)  
 Insulation System : Class B (130°C)  
 Leadout Insulation : Class A (105°C)  
 Overall : Class A (105°C)

## Approx. Dimensions/weight (mounting excluded)

Diameter : 141mm\* \* allow extra 5mm  
 Height : 60mm\* over leadout area  
 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  $\pm$  5mm approx. All leads ends tinned to 6mm.

Pri/Sec leads  $\text{O}^\circ$

## 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 $\times$ 25V	25	10	26.2	16AWG	0.07	MCFE500/25
Transformer, 500VA, 2 $\times$ 35V	35	7.14	36.6	18AWG	0.13	MCFE500/35
Transformer, 500VA, 2 $\times$ 40V	40	6.25	41.7	18AWG	0.17	MCFE500/40

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