

Transformer Toroidal



RoHS
Compliant

Specifications:

Input Voltage : 230V \pm 10% 50/60Hz
 DC Resistance : 3.56 Ω \pm 15% @ 20°C
 Magnetising Current : 15mA approx.@ 230V 50Hz

Losses

Iron Loss : 1.8 Watts approx.
 Copper Loss : 16.36 Watts approx.
 Efficiency : 94% typical
 Temperature Rise : 48°C approx.
 Ambient Rated : 40°C

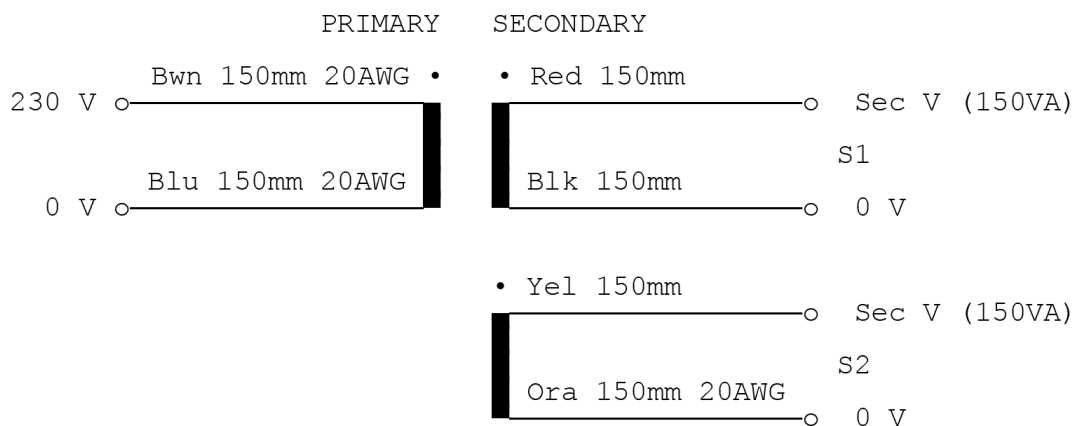
Temperature Class

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 : 125.6mm
 Height : 65.3mm
 Weight : 3.19kg

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 ± 5 mm approx. All leads ends tinned to 6mm.

Pri/Sec leads O°

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, 300VA, 2 \times 25V	25	6	26.3	18AWG	0.14	MCFE300/25
Transformer, 300VA, 2 \times 30V	30	5	31.5	20AWG	0.18	MCFE300/30
Transformer, 300VA, 2 \times 35V	35	4.29	37	20AWG	0.27	MCFE300/35

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