

Transformer Toroidal



RoHS
Compliant



Specifications:

Input Voltage : 230V \pm 10% 50/60Hz
 DC Resistance : 0.57 Ω \pm 15% @ 20°C
 Magnetising Current : 9mA approx. @ 230V 50Hz

Losses

Iron Loss : 0.89 Watts approx.
 Copper Loss : 9.3 Watts approx.
 Efficiency : 92% typical
 Temperature Rise : 40°C approx.
 Ambient Rated : 40°C

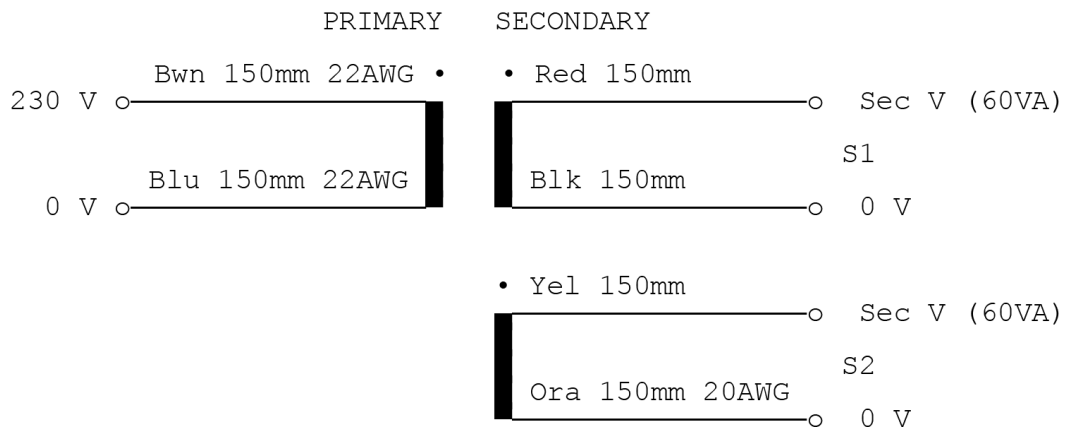
Temperature Class

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 : 104.2mm
 Height : 52mm
 Weight : 1.62 kg

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, 120VA, 2 × 12V	12	5	12.9	18AWG	0.11	MCFE120/12
Transformer Encaps. 120VA 2 × 15	15	4	16.1	20AWG	0.15	MCFE120/15
Transformer Encaps. 120VA 2 × 18	18	3.33	19.3	20AWG	0.23	MCFE120/18
Transformer, 120VA, 2 × 25V	25	2.4	26.9	20AWG	0.44	MCFE120/25

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