

Transformer Toroidal



RoHS
Compliant



Specifications:

Input Voltage : 230V \pm 10% 50/60Hz
 DC Resistance : 8.45 Ω \pm 15% @ 20°C
 Magnetising Current : 10mA approx.@ 230V 50Hz

Losses

Iron Loss : 1.23 Watts approx.
 Copper Loss : 11.69 Watts approx.
 Efficiency : 93% typical
 Temperature Rise : 44°C approx.
 Ambient Rated : 40°C

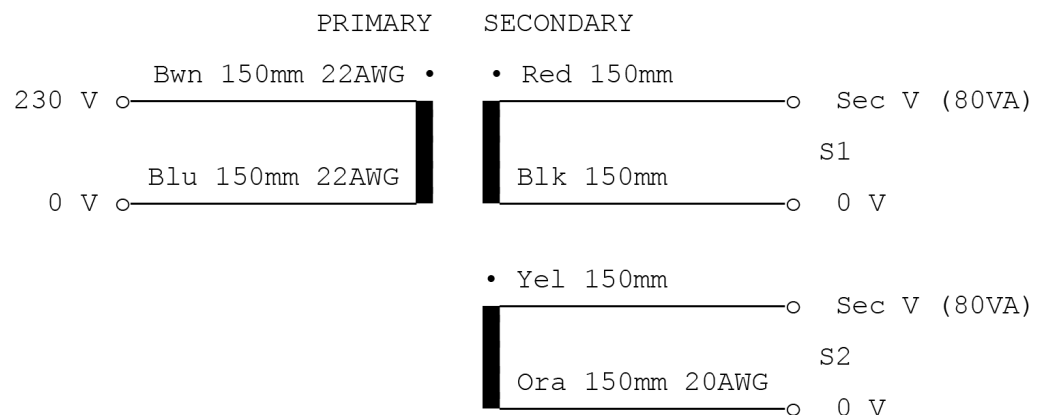
Temperature Class

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 : 119mm* * allow extra 5mm
 Height : 45mm* over leadout area
 Weight : 2.05kg

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 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 Encaps, 160VA 2 × 18	18	4.44	19.4	20AWG	0.17	MCFE160/18
Transformer Encaps, 160VA 2 × 25	25	3.2	27	20AWG	0.32	MCFE160/25
Transformer, 160VA, 2 × 30V	30	2.67	32.1	20AWG	0.48	MCFE160/30

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