

Transformer Toroidal



RoHS
Compliant

Specifications:

Input Voltage : 230V \pm 10% 50/60Hz
 DC Resistance : 6.28 Ω \pm 15% @ 20°C
 Magnetising Current : 12mA approx.@ 230V 50Hz

Losses

Iron Loss : 1.51 Watts approx.
 Copper Loss : 13.95 Watts approx.
 Efficiency : 94% typical
 Temperature Rise : 45°C approx.
 Ambient Rated : 40°C

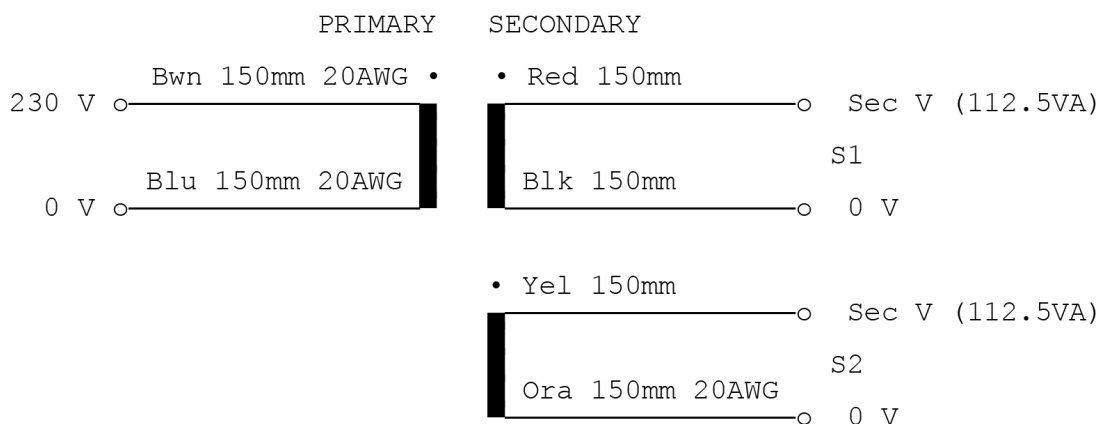
Temperature Class

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 : 114mm* * allow extra 5mm
 Height : 46mm* over leadout area
 Weight : 2.4kg

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 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 Encaps. 225VA 2 × 12	12	9.38	12.7	16AWG	0.04	MCFE225/12
Transformer Encaps. 225VA 2 × 15	15	7.5	15.9	16AWG	0.06	MCFE225/15
Transformer, 225VA, 2 × 18V	18	6.25	19.2	18AWG	0.09	MCFE225/18
Transformer Encaps. 225VA 2 × 25	25	4.5	26.6	18AWG	0.2	MCFE225/25
Transformer Encaps. 225VA 2 × 30	30	3.75	31.9	20AWG	0.26	MCFE225/30

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