

Transformer Toroidal

multicomp

**RoHS
Compliant**



Specifications:

Input Voltage : 230V $\pm 10\%$ 50/60Hz
DC Resistance : $6.28\Omega \pm 15\%$ @ 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

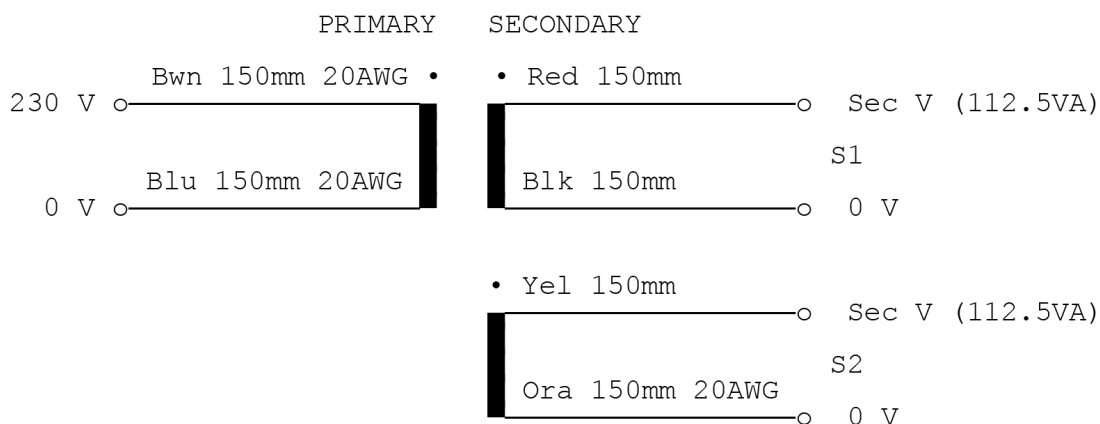
Temperature Class

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

Dimensions of the actual parts

Outer Diameter : 125.8mm
Height : 52.4mm
Weight : 2.4kg

Schematic



multicomp

Transformer

Toroidal



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 ±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

