

Transformer Toroidal



RoHS
Compliant



Specifications:

Input Voltage : 230V \pm 10% 50/60Hz.
 DC resistance : 22 Ω \pm 15% @ 20°C
 Magnetising current : 6mA approx. @ 230V 50Hz

Losses

Iron loss : 0.637 Watts approx.
 Copper loss : 8.23 Watts approx.
 Efficiency : 90% typical
 Temperature rise : 44°C approx.
 Ambient rated : 40°C

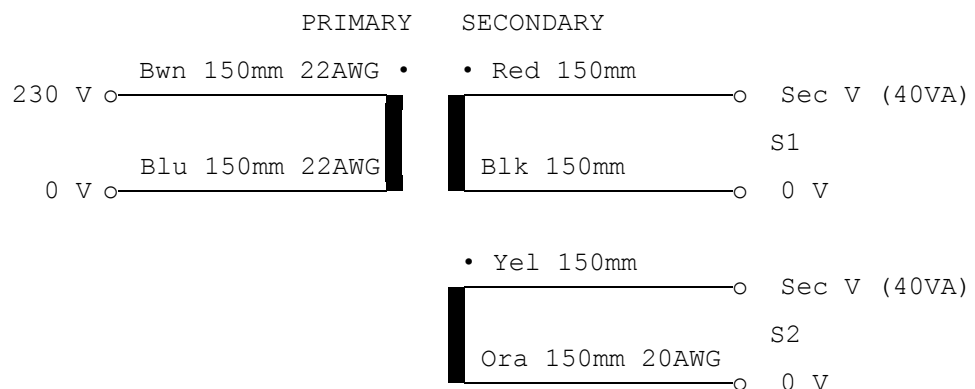
Temperature Class

Winding wire : Class H (180°C)
 Insulation system : Class B (130°C)
 Leadout insulation : Class A (105°C)
 Overall : Class A (105°C)

Dimensions of the actual parts

Outer Diameter : 96.9mm
 Height : 44mm
 Weight : 0.96kg

Schematic



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Termination

All leads Tri-Rated UL1015 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 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 Number
Transformer, 80VA, 2 × 9V	9	4.44	9.9	20AWG	0.13	MCFE080/09
Transformer, 80VA, 2 × 12V	12	3.33	13.3	20AWG	0.23	MCFE080/12
Transformer, 80VA, 2 × 18V	18	2.22	19.9	22AWG	0.55	MCFE080/18
Transformer, 80VA, 2 × 25V	25	1.6	27.6	22AWG	0.97	MCFE080/25

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