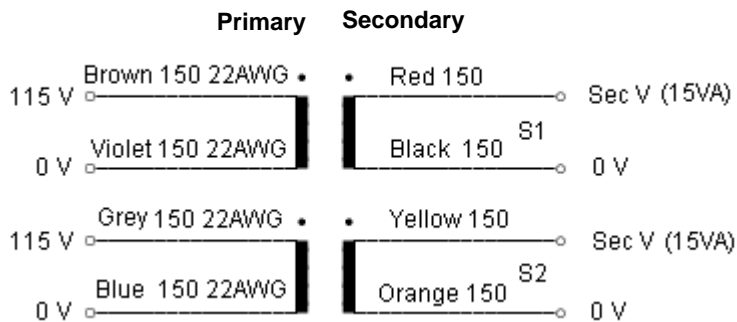


Toroidal Transformers

General Purpose



Schematic:



Dimensions : Millimetres

Primary:

Dual primary winding for connection in series or parallel only

Input voltage : 115 or 230V $\pm 10\%$, 50/60Hz.
DC Resistance : 2 x 42.0 Ω $\pm 15\%$ at 20°C.
Magnetising current : 3.5mA approximately at 230V, 50Hz (7.0mA approximately at 115V, 50Hz).

Termination:

All leads tri-rated cable rated 600V/105°C VW-1.
Primary leads double insulated with PVC sleeving for a minimum of 20mm.
Lead lengths ± 5 mm approximately all leads ends tinned to 6mm.

Primary/Secondary Leads 0°.

Losses:

Iron loss : 0.37 watts approximately.
Copper loss : 4.9 watts approximately.
Efficiency : 85.0% typical.
Temperature rise : 42°C approximately.
Ambient rated : 40°C.

Temperature Class:

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

Toroidal Transformers

General Purpose



Approximately Dimensions (Mounting Excluded):

Diameter : 73.0mm (allows extra 5mm over lead out area).
Height : 31.0mm (allows extra 5mm over lead out area).

Supplied with:

1 x 50mm dished mounting plate.
2 x 50mm neoprene mounting pads.
1 x M5 x 40mm screw, nut and washer.

Standards:

Designed and manufactured in accordance with: EN60742 (Non short circuit proof), EN60065 (IEC65), EN60950.

Specifications

Description	On Load Sec (V)	Rated Amps Per Sec (A)	Off Load Sec (V)	Seconds Flex Gauge (AWG)	Sec Ω at 20°C	Part Number
Transformer, 30VA, 2 x 9V	9	1.67	10.3	22	0.43	TA030/09

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