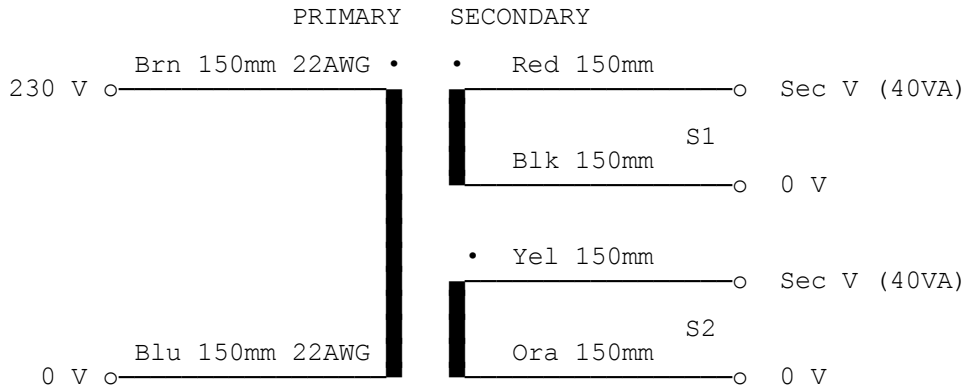


Data Sheet for FG range 80VA General Purpose Toroidal Transformers.

Schematic



Primary

Input Voltage: 230v ± 10% 50/60Hz.
DC resistance: 26.8 Ohms ± 15% @ 20 deg.C
Magnetising current: 6.5mA approx.@ 230v 50Hz.

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 ± 5mm approx. All leads ends tinned to 6 mm.

Pri/Sec leads 0°

Losses

Iron loss : 0.58 Watts approx.
Copper loss: 9.5 Watts Approx.
Efficiency : 89.0% typical
Temperature rise: 52°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)

Farnell Part No.	On Load Sec V	Rated amps per Sec	Off load Sec V	Sec Flex Gauge	Sec Ohms @ 20°C.	TI Part No.	UL Part No.
953 2269	9	4.44	10.1	20 AWG	0.12	FG080/09	TI-027258-ME
953 2277	12	3.33	13.3	20 AWG	0.22	FG080/12	TI-027259-ME
953 2285	15	2.67	16.7	22 AWG	0.35	FG080/15	TI-027260-ME
953 2293	18	2.22	20.1	22 AWG	0.52	FG080/18	TI-027261-ME
953 2307	25	1.60	27.7	22 AWG	0.93	FG080/25	TI-027262-ME
953 2315	55	0.73	60.7	22 AWG	4.04	FG080/55	TI-027263-ME

Approx. dimensions/weight (mounting excluded)

Diameter 90.0mm* * allow extra 5mm
Height 39.0 mm* over leadout area
Weight 0.96 kg

Supplied with

1x 70mm dished mounting plate
2x 70mm neoprene mounting pads
1x M6 x 50mm screw, nut & washer

Standards

Designed and manufactured in accordance with : EN61558-1 / EN61558-1/A1 / EN61558-2-4 or EN61558-2-6
UL recognised under family approval E115159 to UL1411,UL60601-1,UL195059

RoHS Compliant