FE Range Encapsulated Toroidal Transformers.

A high quality range of fully encapsulated toroidal transformers with flying leads.
Featuring a single primary winding rated at 230v 50/60Hz, and dual secondary windings.
Secondary windings can be connected in series or parallel or used independently.

Very high quality construction.
High efficiency and smaller size compared to conventional EI transformers.
Extremely low radiated magnetic field, suitable for sensitive electronics.
Double insulated primary leads.
Flexible leadouts can be trimmed to any length without the need of enamel removal.
Fully resin encapsulated in UL94-V0 case.
Designed, tested and manufactured in accordance with EN60742, EN60065 and EN60950.
UL recognised to UL1411 under file E115159
100% electrical and flash tested.

VA	Reg'n. % typical	Iron Loss. Watts	Copper Loss. Watts	Temp. rise. deg.C	Efficiency. % typical	Diameter. mm.	Height. mm.	Weight. kg.	Fixing Hole. mm.
15	16	0.24	2.9	35	83%	62.4	34.5	0.34	5.1
30	12	0.39	4.5	36	86%	81.7	39.1	0.62	5.1
50	11	0.52	6.1	40	88%	87.3	42	0.84	5.1
80	10	0.64	8.7	47	90%	96.7	44	1.12	6.1
120	7	0.89	9.6	42	92%	104.2	52.1	1.62	6.1
160	7	1.23	11.9	45	92%	115	53.2	2.05	6.1
225	6	1.51	14.9	48	93%	125.4	52.4	2.50	6.1
300	5	1.89	17.0	50	94%	125.4	65.3	3.19	6.1
500	5	2.76	24.6	55	95%	147.1	64.7	4.57	8.2

Maximum ambient temperature 40 degrees C.
Overall temperature rating Class A (105 degrees C.)
Secondary voltage tolerance +/- 1% at nominal input and full resistive load
All leads 150mm long, stripped and tinned for last 6.0mm
No mounting screw supplied

Note: Under no circumstances should both ends of any fixing bolt be allowed to come simultaneously in contact with metal chassis or framework so that an electrical path is formed through the bolt in the center of the transformer via the external framework. This would constitute a shorted turn and would cause irreparable damage.

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