

Standard Stock Items

TALEMA Toroidal Transformers with centering washers or potted in Polyamid Housings are available from distribution. Standard primary voltages of 1 x 230V or 2 x 115V on open wound styles and 1 x 230V on encapsulated versions.



Nominal Power VA	Primary			Core Loss W	Copper Loss Typical		Dimensions and weight without Mounting Disks			Potted in Polyamid Housing		
	Full Load Current A	No Load Current mA	Copper Resistance T = 20°C Ohm		T = 20°C W	T = 120°C W	Ø mm	Height* mm	Weight kg	Ø mm	Height mm	Center Hole for Mounting Bolt Ø
15	0.08	2.0	178.0	0.21	1.8	2.5	60	31	0.3	63	34.5	5.1
30	0.15	2.8	92.0	0.26	3.6	5.0	70	32	0.5	73	39	5.1
50	0.25	5.0	42.0	0.43	4.7	6.6	80	35	0.7	87	42	5.1
80	0.40	5.6	27.0	0.51	8.4	11.0	92	36	1.0	97	44	6.1
120	0.53	8.5	15.5	0.76	9.9	13.9	92	45	1.3	104	52	6.1
160	0.79	10.0	10.5	0.97	11.9	20.8	104	44	1.6	115	53	6.1
225	1.08	14.0	6.6	1.30	15.2	21.3	112	48	2.1	126	52	6.1
300	1.41	17.0	4.2	1.70	16.1	22.5	115	58	2.5	126	65	6.1
500	2.32	23.0	1.83	2.50	22.1	31.0	135	60	3.9	147	65	8.2
625	2.90	28.0	1.50	3.10	27.9	39.0	140	70	4.6	--	--	--
1000	4.56	38.0	0.88	4.80	30.7	43.0	160	72	6.9	--	--	--

* Allow an extra 3mm for mounting kit and 3-4mm to the dimensions where the leads emerge

Schematic

Material

Copper (Pri. & Sek.)

Isolation between Primary & Secondary

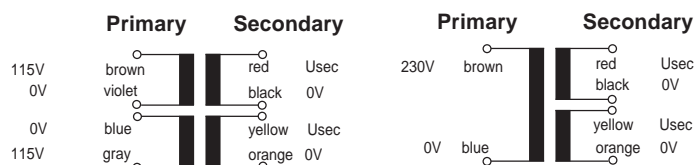
Lead isolation

Temperature Class

H (180°C)

B (130°C)

A (105°C)



Approvals

Primary: 1 x 230V

approved to EN61558 (VDE0570/IEC61558):

KEMA Nr. 2060938.02 for isolation transformers

KEMA Nr. 2060938.03 for safety isolation transformers

marked with the ENEC KEMA-KEUR stamp of approval

Primary 2 x 115V - as above with added UL stamp

Approval to - UL506 (General Purpose Transformer)

File XPTQ2.E215495 - USA

File XPTQ8.E215495 - Canada

Primary: 2 x 115V / 48 - 60Hz

for series or parallel connection

Secondary: 2 x Usec

for series or parallel connection

Primary: 230V / 48 - 60Hz

Secondary: 2 or 4 x Usec
for series or parallel connection

Leads

Primary: Double insulated leads, 150mm long, 10mm stripped

Secondary: PVC insulated, 150mm long, 10mm tinned