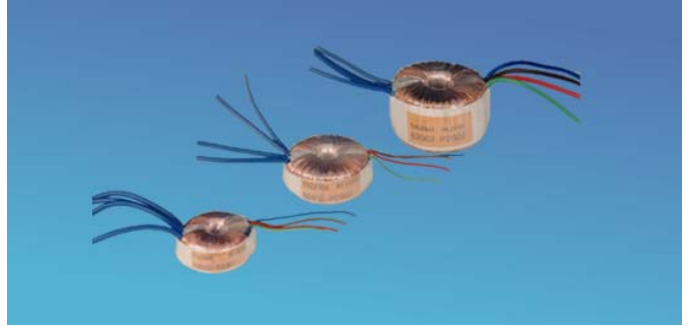


Standard Miniature Toroidal Transformers

Features

- Dual 115V, 50/60 Hz Primaries for parallel or series connections
- Lower strayfield
- High efficiency
- Reduced standby current
- Small size and low weight
- Extremely low level of radiated magnetic field
- Very low induced noise (hum)
- Very low iron loss
- Test Voltage Primary - Secondary 4.0 KV
- 100% electrical and flash tested
- Ambient operating temp.: +60°C Max.
- Insulation system recognized for Class A (105°C) meets all requirements of Class E (120°C)
- Manufactured in an ISO 9001:2015 and ISO 14001:2015 certified Talema facility
- Fully RoHS & REACH Compliant



Standards

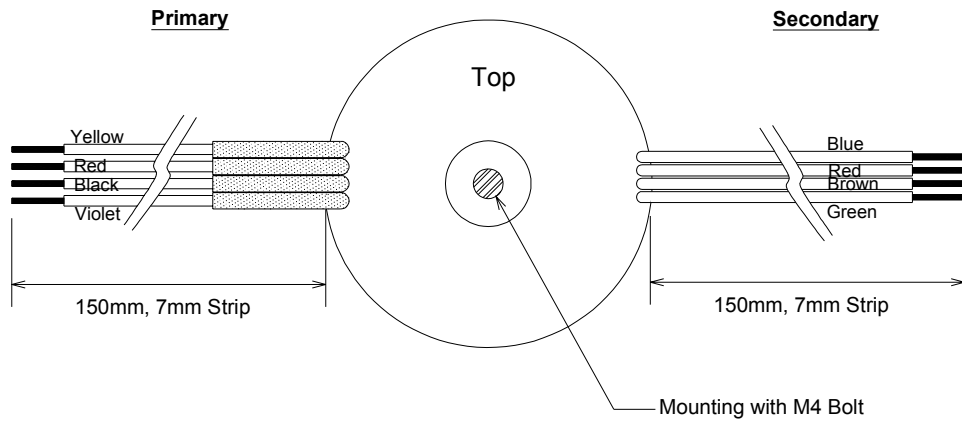
- High quality manufacturing and testing in accordance to EN61558, EN60950, EN60065 and BS415
- Tested and Approved by DEKRA to EN61558
- Recognized to UL5085, under family approval file E215495

Power VA	Part Number 2 x 115V Primary	Secondary Full Load Voltage V	Secondary Current mA	Open Circuit Voltage V
1.6	62000	2 x 7	114	2 x 8.9
	62001	2 x 9	89	2 x 11.6
	62002	2 x 12	67	2 x 15.4
	62003	2 x 15	53	2 x 19.3
	62004	2 x 18	44	2 x 23.4
	62005	2 x 22	36	2 x 28.2
3.2	62010	2 x 7	229	2 x 10.2
	62011	2 x 9	178	2 x 13.0
	62012	2 x 12	133	2 x 17.3
	62013	2 x 15	107	2 x 21.4
	62014	2 x 18	89	2 x 25.7
	62015	2 x 22	73	2 x 30.5
5.0	62020	2 x 7	357	2 x 9.7
	62021	2 x 9	278	2 x 12.4
	62022	2 x 12	208	2 x 17.0
	62023	2 x 15	167	2 x 21.3
	62024	2 x 18	139	2 x 25.5
	62025	2 x 22	114	2 x 30.5
7.0	62030	2 x 7	500	2 x 9.5
	62031	2 x 9	389	2 x 12.2
	62032	2 x 12	292	2 x 16.2
	62033	2 x 15	233	2 x 20.3
	62034	2 x 18	194	2 x 24.3
	62035	2 x 22	159	2 x 29.7
10	62040	2 x 7	714	2 x 8.3
	62041	2 x 9	556	2 x 10.8
	62042	2 x 12	417	2 x 14.4
	62043	2 x 15	333	2 x 18.0
	62044	2 x 18	278	2 x 21.7
	62045	2 x 22	227	2 x 26.3

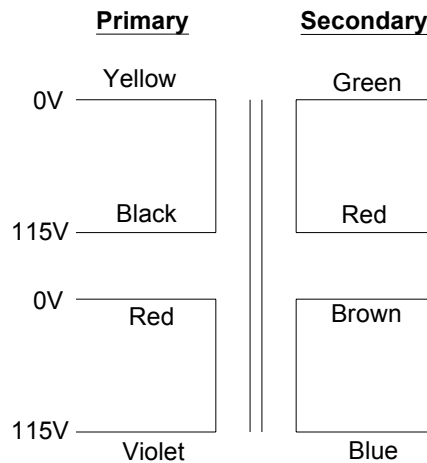
Power VA	Part Number 2 x 115V Primary	Secondary Full Load Voltage V	Secondary Current mA	Open Circuit Voltage V
15	62050	2 x 7	1071	2 x 8.9
	62051	2 x 9	833	2 x 11.1
	62052	2 x 12	625	2 x 14.8
	62053	2 x 15	500	2 x 18.5
	62054	2 x 18	417	2 x 22.2
	62055	2 x 22	341	2 x 27.2
25	62060	2 x 7	1785	2 x 8.3
	62061	2 x 9	1377	2 x 10.7
	62062	2 x 12	1041	2 x 14.2
	62063	2 x 15	832	2 x 17.8
	62064	2 x 18	694	2 x 21.4
	62065	2 x 22	568	2 x 26.2
35	62070	2 x 7	2500	2 x 8.2
	62071	2 x 9	1944	2 x 10.6
	62072	2 x 12	1458	2 x 14.0
	62073	2 x 15	1166	2 x 17.6
	62074	2 x 18	972	2 x 20.9
	62075	2 x 22	795	2 x 25.7
50	62080	2 x 7	3571	2 x 8.1
	62081	2 x 9	2777	2 x 10.4
	62082	2 x 12	2083	2 x 13.8
	62083	2 x 15	1666	2 x 17.3
	62084	2 x 18	1388	2 x 20.7
	62085	2 x 22	1136	2 x 25.4

Standard Miniature Toroidal Transformers

Mechanical Drawing - 620xx Series (2x115V Primary)



Schematic



Standard Output (Electrical measurements @ 20°C ambient temperature)

Power VA	Dimensions OD x ID x H mm	Weight grams	No Load Regulation Delta Volts (%)	Delta Temp °C	Efficiency %	No Load mA (typ.)	230V Fuse mA	Secondary Power (Max.)				
								VA	Delta Volts Sec. %	Delta Temp °C	Efficiency %	Rec. Fuse mA
1.6	37.5x7.0x17.0	71	29	10	77	1.0	32	2.0	60	30	60	32
3.2	42.0x7.0x17.5	89	41	20	70	1.5	32	3.7	80	40	50	50
5.0	47.0x6.0x18.0	115	45	29	70	2.0	50	5.5	80	40	50	63
7.0	47.0x6.8x21.5	145	34	25	74	3.0	63	7.5	70	40	60	80
10	53.5x6.8x23.5	216	20	24	82	3.0	80	12.0	60	45	60	100
15	57.5x7.0x24.0	262	23	27	81	4.0	100	16.0	60	40	65	125
25	58.0x13.8x34.5	388	19.0	28	84	5.0	160	—	—	—	—	—
35	72.0x17.0x33.5	453	17.7	31	85	7.0	200	—	—	—	—	—
50	78.0x22.5x35.0	670	15.5	30	86	8.0	315	—	—	—	—	—

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