

VPT-Series

- II Power Range: up to 2.5KVA
- II Primary: 115/230VAC, 50/60Hz
- II Secondary: Dual for parallel or series connection
- II Insulation Class: Class B, 130°C
- II Dielectric Isolation (Pri to Sec): 4KV for 60 secs.
- II High Efficiency and low stray fields

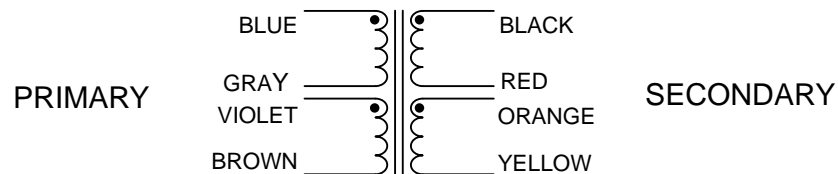


Electrical Specifications (@25C):

Triad P/N	VA	Secondary		Regulation	O.D. (mm)	Height (mm)	Weight (kg)	Temp rise deg (C)
		Series	Parallel					
VPT12-2080	25	12.0V CT @ 2.08A	6.0V @ 4.16A	13.00%	71	31.5	0.5	40
VPT18-1390	25	18.0V CT @ 1.39A	9.0V @ 2.78A	13.00%	71	31.5	0.5	40
VPT24-1040	25	24.0V CT @ 1.04A	12V @ 2.08A	13.00%	71	31.5	0.5	40
VPT30-830	25	30.0V CT @ 0.83A	15.0V @ 1.66A	13.00%	71	31.5	0.5	40
VPT36-690	25	36.0V CT @ 0.69A	18V @ 1.38A	13.00%	71	31.5	0.5	40
VPT48-520	25	48.0V CT @ 0.52A	24.0V @ 1.04A	13.00%	71	31.5	0.5	40
VPT230-110	25	230.0V CT @ 0.11A	115V @ .22A	13.00%	71	31.5	0.5	40
VPT12-4170	50	12.0V CT @ 4.17A	6.0V @ 8.34A	11.80%	80	33	0.76	48
VPT18-2780	50	18.0V CT @ 2.78A	9.0V @ 5.56A	11.80%	80	33	0.76	48
VPT24-2080	50	24.0V CT @ 2.08A	12V @ 4.16A	11.80%	80	33	0.76	48
VPT30-1670	50	30.0V CT @ 1.67A	15.0V @ 3.34A	11.80%	80	33	0.76	48
VPT36-1390	50	36.0V CT @ 1.39A	18V @ 2.78A	11.80%	80	33	0.76	48
VPT48-1040	50	48.0V CT @ 1.04A	24.0V @ 2.08A	11.80%	80	33	0.76	48
VPT230-220	50	230.0V CT @ 0.22A	115V @ .44A	11.80%	80	33	0.76	48
VPT12-8330	100	12.0V CT @ 8.33A	6.0V @ 16.66A	9.80%	87	45	1.25	51
VPT18-5560	100	18.0V CT @ 5.56A	9.0V @ 11.12A	9.80%	87	45	1.25	51
VPT24-4170	100	24.0V CT @ 4.17A	12V @ 8.34A	9.80%	87	45	1.25	51
VPT30-3330	100	30.0V CT @ 3.33A	15.0V @ 6.66A	9.80%	87	45	1.25	51
VPT36-2780	100	36.0V CT @ 2.78A	18V @ 5.56A	9.80%	87	45	1.25	51
VPT48-2080	100	48.0V CT @ 2.08A	24.0V @ 4.16A	9.80%	87	45	1.25	51
VPT230-430	100	230.0V CT @ 0.43A	115V @ .86A	9.80%	87	45	1.25	51
VPT12-13300	160	12.0V CT @ 13.3A	6.0V @ 26.6A	7.00%	103	45	1.75	53
VPT18-8800	160	18.0V CT @ 8.8A	9.0V @ 17.60A	7.00%	103	45	1.75	53

Triad P/N	VA	Secondary		Regulation	O.D. (mm)	Height (mm)	Weight (kg)	Temp rise deg (C)
		Series	Parallel					
VPT24-6670	160	24.0V CT @ 6.67A	12V @ 13.34A	7.00%	103	45	1.75	53
VPT30-5330	160	30.0V CT @ 5.33A	15.0V @ 10.66A	7.00%	103	45	1.75	53
VPT36-4440	160	36.0V CT @ 4.44A	18V @ 8.88A	7.00%	103	45	1.75	53
VPT48-3300	160	48.0V CT @ 3.33A	24.0V @ 6.66A	7.00%	103	45	1.75	53
VPT230-700	160	230.0V CT @ 0.70A	115V @ 1.40A	7.00%	103	45	1.75	53
VPT12-20800	250	12.0V CT @ 20.8A	6.0V @ 41.60A	6.50%	113	53	2.45	53
VPT18-13800	250	18.0V CT @ 13.8A	9.0V @ 27.60A	6.50%	113	53	2.45	53
VPT24-10420	250	24.0V CT @ 10.42A	12V @ 20.84A	6.50%	113	53	2.45	53
VPT36-6940	250	36.0V CT @ 6.94A	18V @ 13.88A	6.50%	113	53	2.45	53
VPT48-5200	250	48.0V CT @ 5.20A	24.0V @ 10.4A	6.50%	113	53	2.45	53
VPT230-1090	250	230.0V CT @ 1.09A	115V @ 2.18A	6.50%	113	53	2.45	53
VPT48-10400	500	48.0V CT @ 10.4A	24V @ 20.8A	5.00%	135	58	4.6	54
VPT100-5000	500	100.0V CT @ 5.0A	50V @ 10.0A	5.00%	135	58	4.6	54
VPT230-2170	500	230.0V CT @ 2.17A	115V @ 4.34A	5.00%	135	58	4.6	54
VPT48-20830	1000	48.0V CT @ 20.83A	24.0V @ 41.66A	4.00%	174	70	7.8	56
VPT100-10000	1000	100.0V CT @ 10.0A	50V @ 20.0A	4.00%	174	70	7.8	56
VPT230-4350	1000	230.0V CT @ 4.35A	115V @ 8.70A	4.00%	174	70	7.8	56
VPT100-25000	2500	100.0V CT @ 25.0A	50V @ 50.0A	3.60%	190	120	14.5	58
VPT230-10870	2500	230.0V CT @ 10.87A	115V @ 21.74A	3.60%	190	120	14.5	58

Schematic:



Mounting:

Transformers are provided with one metal plate, two rubber pads, screw, nut and washer up to 1KVA. Epoxied center and drilled hole for VA's larger than 1kVA. Epoxied center and drilled hole also available for VA's smaller than 1kVA; minimums may apply.

Connections: Stranded UL 1015 style. Standard lead length is 8.0" (200mm) for VA's up to and including 250VA. Stripped and tinned 0.250" (6mm). Standard lead length is 12.0" (305mm) for 500VA and higher. Stripped and tinned 0.500" (12.7mm). Custom lead lengths and other UL types lead wire available; minimums may apply.

Custom designs available.

RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS initiative. * Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

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