

VPT-Series

- II Power Range: 25VA 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

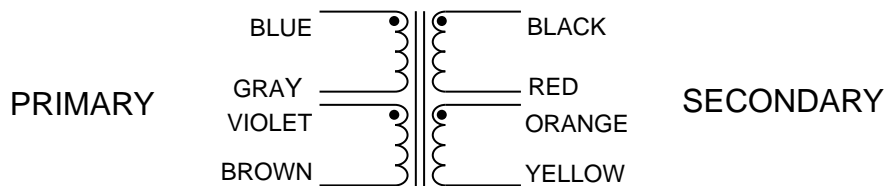


Electrical Specifications (@25C):

Triad P/N	VA	Secondary		Regulation	O.D. (mm)	Height (mm)	Weight (kg)	Temp rise deg (C)
		Series	Parallel					
VPT12-2080	25	12V CT @ 2.08A	6.0V @ 4.16A	12.0%	74	34	0.4	30
VPT18-1390	25	18V CT @ 1.39A	9.0V @ 2.78A	12.0%	74	34	0.4	30
VPT24-1040	25	24V CT @ 1.04A	12V @ 2.08A	12.0%	74	34	0.4	30
VPT30-830	25	30V CT @ 0.83A	15V @ 1.66A	12.0%	74	34	0.4	30
VPT36-690	25	36V CT @ 0.69A	18V @ 1.38A	12.0%	74	34	0.4	30
VPT48-520	25	48V CT @ 0.52A	24V @ 1.04A	12.0%	74	34	0.4	30
VPT230-110	25	230V CT @ 0.11A	115V @ .22A	12.0%	74	34	0.4	30
VPT12-4170	50	12V CT @ 4.17A	6.0V @ 8.34A	12.0%	83	36	0.6	40
VPT18-2780	50	18V CT @ 2.78A	9.0V @ 5.56A	12.0%	83	36	0.6	40
VPT24-2080	50	24V CT @ 2.08A	12V @ 4.16A	12.0%	83	36	0.6	40
VPT30-1670	50	30V CT @ 1.67A	15V @ 3.34A	12.0%	83	36	0.6	40
VPT36-1390	50	36V CT @ 1.39A	18V @ 2.78A	12.0%	83	36	0.6	40
VPT48-1040	50	48V CT @ 1.04A	24V @ 2.08A	12.0%	83	36	0.6	40
VPT230-220	50	230V CT @ 0.22A	115V @ .44A	12.0%	83	36	0.6	40
VPT12-8330	100	12V CT @ 8.33A	6.0V @ 16.66A	9.0%	88	51	1.0	45
VPT18-5560	100	18V CT @ 5.56A	9.0V @ 11.12A	9.0%	88	51	1.0	45
VPT24-4170	100	24V CT @ 4.17A	12V @ 8.34A	9.0%	88	51	1.0	45
VPT30-3330	100	30V CT @ 3.33A	15V @ 6.66A	9.0%	88	51	1.0	45
VPT36-2780	100	36V CT @ 2.78A	18V @ 5.56A	9.0%	88	51	1.0	45
VPT48-2080	100	48V CT @ 2.08A	24V @ 4.16A	9.0%	88	51	1.0	45
VPT230-430	100	230V CT @ 0.43A	115V @ .86A	9.0%	88	51	1.0	45
VPT12-13300	160	12V CT @ 13.3A	6.0V @ 26.6A	8.0%	106	52	1.6	50
VPT18-8800	160	18V CT @ 8.8A	9.0V @ 17.60A	8.0%	106	52	1.6	50

Triad P/N	VA	Secondary		Regulation	O.D. (mm)	Height (mm)	Weight (kg)	Temp rise deg (C)
		Series	Parallel					
VPT24-6670	160	24V CT @ 6.67A	12V @ 13.34A	8.0%	106	52	1.6	50
VPT30-5330	160	30V CT @ 5.33A	15V @ 10.66A	8.0%	106	52	1.6	50
VPT36-4440	160	36V CT @ 4.44A	18V @ 8.88A	8.0%	106	52	1.6	50
VPT48-3300	160	48V CT @ 3.33A	24V @ 6.66A	8.0%	106	52	1.6	50
VPT230-700	160	230V CT @ 0.70A	115V @ 1.40A	8.0%	106	52	1.6	50
VPT12-20800	250	12V CT @ 20.8A	6.0V @ 41.60A	7.0%	112	58	2.2	50
VPT18-13800	250	18V CT @ 13.8A	9.0V @ 27.60A	7.0%	112	58	2.2	50
VPT24-10420	250	24V CT @ 10.42A	12V @ 20.84A	7.0%	112	58	2.2	50
VPT36-6940	250	36V CT @ 6.94A	18V @ 13.88A	7.0%	112	58	2.2	50
VPT48-5200	250	48V CT @ 5.20A	24V @ 10.4A	7.0%	112	58	2.2	50
VPT230-1090	250	230V CT @ 1.09A	115V @ 2.18A	7.0%	112	58	2.2	50
VPT48-10400	500	48V CT @ 10.4A	24V @ 20.8A	5.0%	141	66	4.2	50
VPT100-5000	500	100V CT @ 5.0A	50V @ 10.0A	5.0%	141	66	4.2	50
VPT230-2170	500	230V CT @ 2.17A	115V @ 4.34A	5.0%	141	66	4.2	50
VPT48-20830	1000	48V CT @ 20.83A	24V @ 41.66A	4.0%	178	76	8.2	50
VPT100-10000	1000	100V CT @ 10.0A	50V @ 20.0A	4.0%	178	76	8.2	50
VPT230-4350	1000	230V CT @ 4.35A	115V @ 8.70A	4.0%	178	76	8.2	50
VPT100-25000	2500	100V CT @ 25.0A	50V @ 50.0A	2.5%	210	120	19.4	50
VPT230-10870	2500	230V CT @ 10.87A	115V @ 21.74A	2.5%	210	120	19.4	50

Schematic:



Mounting:

Transformers are provided with one metal plate, two rubber pads, screw, nut and washer through 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 leads, stripped and tinned 0.25" (6mm). Standard lead length is 8" (200mm) for VA's up to and including 250VA; 12.0" (305mm) for 500VA and higher (these are stripped and tinned 0.5" (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 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.