

Volt-Pac Variable Autotransformer

MANUAL, SINGLE-PHASE

The manual Volt-Pac transformer is one of three types of Volt-Pac variable transformers offered by Weschler Instruments. It is a device to provide continuously adjustable voltage to an electrical load from a fixed line voltage. Its operation is simple and is based on autotransformer action.

For information about motor-operated Volt-Pac units, see pages 6-7.



Line Voltage (0-100%) or Over Voltage (0-117%) Connection ¹ Rated Amperes	Line Voltage (0-100%) Connection Only Max. Amperes (For Constant Impedance Loads)	No. of Cores & Frame Size	UNCASED MODELS	CASED MODELS	Foot Notes	OUTLINE DIMENSIONS		Approx. Net Wt. Lb.	
			Model No.	Model No.		Uncased Fig. No. See pages 13,14	Cased Fig. No. See pages 13-17	Uncased	Cased
120 VOLT INPUT: OUTPUT 0-120 VOLT (LINE VOLTAGE CONNECTION) 0-140 VOLT (OVERVOLTAGE CONNECTION)									
2.5 6.5 10.0	3.2 8.0 11.5	1-30 1-50 1-60	9T92A1 9T92A7 9T92A9	----- 9T92A7G2 9T92A9G2	3, 9 2, 3, 9, 10 9, 10	1 3 4	1 3 4	2 7 1/2 10	----- 8 1/2 11
12.0 15.0 18.0 30.0	14.5 19.0 21.7 34.0	1-60 1-75 1-75 1-85	9T92A10 9T92A27 9T92A28 9T92A37	9T92A10G2 9T92A27G2 9T92A28G2 9T92A37G2	5, 6, 9, 10 2, 10 2, 10 2, 10	4 5 5 6	4 5 5 6	10 15 15 30	11 17 17 33
34.0 50.0 60.0 68.0	37.0 55.0 60.0 74.0	1-85 1-95 1-95 2-85	9T92A38 9T92A49 9T92A50 9T92A41	9T92A38G2 9T92A49G4 9T92A50G4 9T92A41G2	2, 10 ----- ----- 2	6 7 7 8	6 36A 36A 8	30 58 60 67	33 73 75 73
100.0 120.0 150.0 200.0 250.0 300.0 360.0	110.0 120.0 165.0 220.0 275.0 330.0 360.0	2-95 2-95 3-95 4-95 5-95 6-95 6-95	9T92A53 9T92A54 9T92A55 9T92A56 9T92A57 9T92A58 9T92A59	9T92A53G4 9T92A54G4 9T92A55G4 9T92A56G4 9T92A57G4 9T92A58G4 9T92A59G4	----- ----- ----- ----- 9 ----- -----	9 9 11 11 11 11 11	36B 36B 36C 36C 36E 36E 36E	140 145 200 265 325 390 402	202 218 265 335 395 410 435
240 VOLT INPUT: OUTPUT 0-240 VOLT (LINE VOLTAGE CONNECTION) 0-280 VOLT (OVERVOLTAGE CONNECTION) OR 120-VOLT INPUT: OUTPUT 0-280 VOLT (Note 4)									
4.0 5.0 7.0 8.5	5.0 6.8 10.1 11.0	1-60 1-60 1-75 1-75	9T92A13 9T92A14 9T92A29 9T92A30	9T92A13G2 9T92A14G2 9T92A29G2 9T92A30G2	9, 10 6, 9, 10 2, 10 2, 10	4 4 5 5	4 4 5 5	10 10 15 15	11 11 17 17
12.0 14.0 16.0 30.0	14.5 14.0 16.0 33.0	2-60 1-85 1-85 1-95	9T92A23 9T92A39 9T92A40 9T92A51	9T92A23G2 9T92A39G2 9T92A40G2 9T92A51G4	5, 6, 10 2, 10 2, 10 -----	13 6 6 7	13 6 6 36A	22 30 30 58	23 1/2 33 33 73
35.0 60.0 90.0 120.0 150.0 180.0 210.0	35.0 66.0 99.0 132.0 165.0 198.0 210.0	1-95 2-95 3-95 4-95 5-95 6-95 6-95	9T92A52 9T92A60 9T92A62 9T92A63 9T92A64 9T92A65 9T92A66	9T92A52G4 9T92A60G4 9T92A62G4 9T92A63G4 9T92A64G4 9T92A65G4 9T92A66G4	----- ----- ----- ----- ----- ----- -----	7 9 11 11 11 11 11	36A 36B 36C 36D 36E 36E 36E	60 140 200 265 325 390 402	75 202 265 335 390 460 475
480 VOLT INPUT: OUTPUT 0-480 VOLT (LINE VOLTAGE CONNECTION) 0-560 VOLT (OVERVOLTAGE CONNECTION) OR 240-VOLT INPUT: OUTPUT 0-560 VOLT (Note 4)									
4.0 5.0 7.0 8.5	5.0 6.8 10.1 11.0	2-60 2-60 2-75 2-75	9T92A17 9T92A18 9T92A31 9T92A32	9T92A17G2 9T92A18G2 9T92A31G2 9T92A32G2	2 6 2 2	13 13 14 14	13 13 14 14	22 22 32 32	23 1/2 23 1/2 35 35
14.0 16.0 30.0 35.0 60.0	14.0 16.0 33.0 35.0 66.0	2-85 2-85 2-95 2-95 4-95	9T92A42 9T92A43 9T92A67 9T92A68 9T92A69	9T92A42G2 9T92A43G2 9T92A67G4 9T92A68G4 9T92A69G4	2 2 ----- ----- -----	8 8 9 9 11	8 8 36B 36B 36D	67 67 140 145 265	73 73 202 218 335
70.0 90.0 105.0	70.0 99.0 105.0	4-95 6-95 6-95	9T92A70 9T92A71 9T92A72	9T92A70G4 9T92A71G4 9T92A72G4	----- ----- -----	11 11 11	36D 36E 36E	278 390 413	340 460 475

- When over voltage connection is used, rated current should not be exceeded.
- When using extended tap connections, operation is for 60-hertz only.
- Output at overvoltage connection is 0-110% of input voltage.
- When operated with this input voltage, rated current must be reduced in accordance with Curve 1, page 2, when output voltage exceeds 140% of input voltage.
- 60 hertz only.
- For line-voltage connection only, no overvoltage connection provided.
- Shipped connected for 0-100% of input voltage.
- Shipped connected for 0-117% of input voltage.
- Component listed by UL, uncased units only. Add suffix AIM to model No.
- Order 1 terminal enclosure kit per core to convert this model to enclosed terminals.