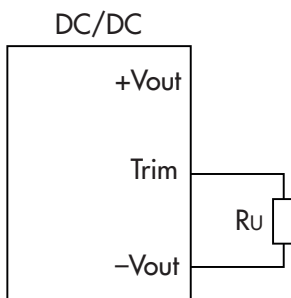


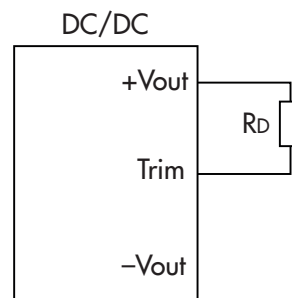
Output Voltage Adjustment

Output voltage set point adjustment allows the user to increase or decrease the output voltage set point of the single output module. This is accomplished by connecting an external resistor between the Trim pin and either the +Vout or -Vout pins. With an external resistor between the Trim and -Vout pin, the output voltage set point increases. With an external resistor between the Trim and +Vout pin, the output voltage set point decreases.

Connection of trim up resistor



Connection of trim down resistor



Trim-Tables for single output converters

TEN 50-xx10 & TEN 50-xx10WI										
Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	3.333	3.366	3.399	3.432	3.465	3.498	3.531	3.564	3.597	3.630
R _u [kOhm]	60.84	27.40	16.25	10.68	7.34	5.11	3.51	2.32	1.39	0.65
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	3.267	3.234	3.201	3.168	3.135	3.102	3.069	3.036	3.003	2.970
R _p [kOhm]	72.61	32.55	19.20	12.52	8.51	5.84	3.94	2.51	1.39	0.50

TEN 50-xx10 & TEN 50-xx11WI										
Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	5.05	5.10	5.15	5.20	5.25	5.30	5.35	5.40	5.45	5.50
R _u [kOhm]	106.87	47.76	28.06	18.21	12.30	8.36	5.55	3.44	1.79	0.48
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	4.95	4.90	4.85	4.80	4.75	4.70	4.65	4.60	4.55	4.50
R _p [kOhm]	138.88	62.41	36.92	24.18	16.53	11.44	7.79	5.06	2.94	1.24

Trim-Tables for single output converters (continued)

TEN 50-xx12 & TEN 50-xx12WI										
Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
V_{out} [V]	12.12	12.24	12.36	12.48	12.60	12.72	12.84	12.96	13.08	13.20
R_U [kOhm]	351.00	157.50	93.00	60.75	41.40	28.50	19.29	12.37	7.00	2.70
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
V_{out} [V]	11.88	11.76	11.64	11.52	11.40	11.28	11.16	11.04	10.92	10.80
R_D [kOhm]	413.55	184.55	108.22	70.05	47.15	31.88	20.98	12.80	6.44	1.35

TEN 50-xx13 & TEN 50-xx13WI										
Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
V_{out} [V]	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	16.50
R_U [kOhm]	422.77	189.89	112.26	73.44	50.15	34.63	23.54	15.22	8.75	3.58
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
V_{out} [V]	14.85	14.70	14.55	14.40	14.25	14.10	13.95	13.80	13.65	13.50
R_D [kOhm]	530.73	238.61	141.24	92.56	63.35	43.87	29.96	19.53	11.41	4.92

TEN 50-xx15 & TEN 50-xx15WI										
Trim-Up										
	2 %	4 %	6 %	8 %	10 %	12 %	14 %	16 %	18 %	20 %
V_{out} [V]	24.48	24.96	25.44	25.92	26.40	26.88	27.36	27.84	28.32	28.80
R_U [kOhm]	243.70	108.50	63.43	40.90	27.38	18.37	11.93	7.10	3.34	0.34
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
V_{out} [V]	23.76	23.52	23.28	23.04	22.80	22.56	22.32	22.08	21.84	21.60
R_D [kOhm]	333.39	148.80	87.26	56.50	38.04	25.73	16.94	10.35	5.22	1.12