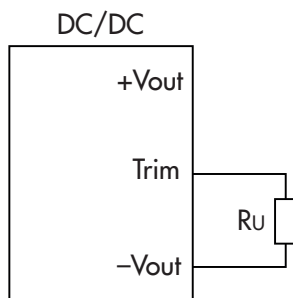


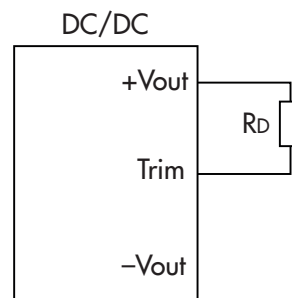
Output Voltage Adjustment

Output voltage set point adjustment allows the user to increase or decrease the output voltage set point of the single output and dual output modules. 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 40-xx10										
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]	57.93	26.17	15.58	10.28	7.11	4.99	3.48	2.34	1.46	0.75
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]	69.47	31.24	18.49	12.12	8.29	5.75	3.92	2.56	1.50	0.65

TEN 40-xx11										
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]	36.57	16.58	9.92	6.59	4.59	3.25	2.30	1.59	1.03	0.59
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]	45.53	20.61	12.31	8.15	5.66	4.00	2.81	1.92	1.23	0.68

Trim-Tables for single output converters (continued)

TEN 40-xx12										
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]	367.91	165.95	98.64	64.98	44.78	31.32	21.70	14.49	8.88	4.39
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_p [kOhm]	460.99	207.95	123.60	81.42	56.12	39.25	27.20	18.16	11.13	5.51

Trim-Tables for dual output converters

TEN 40-xx22										
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]	218.21	98.11	58.07	38.05	26.04	18.04	12.32	8.03	4.69	2.02
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_p [kOhm]	273.44	123.02	72.87	47.80	32.76	22.73	15.57	10.20	6.02	2.68

TEN 40-xx23										
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]	268.29	120.64	71.43	46.82	32.06	22.22	15.18	9.91	5.81	2.53
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_p [kOhm]	337.71	152.02	90.13	59.18	40.61	28.23	19.39	12.76	7.60	3.47