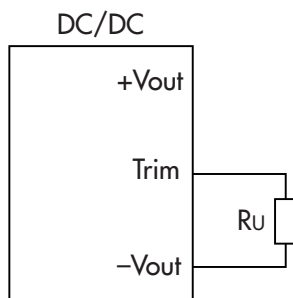


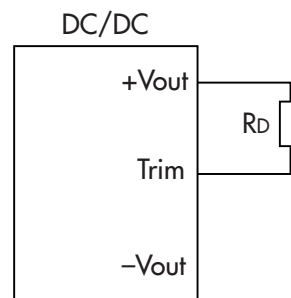
Output Voltage Adjustment

Output voltage set point adjustment allows the user to increase or decrease the output voltage set point of the 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 40-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]	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-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]	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-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]	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_d [kOhm]	460.99	207.95	123.60	81.42	56.12	39.25	27.20	18.16	11.13	5.51

TEN 40-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]	404.18	180.59	106.06	68.80	46.44	31.53	20.88	12.90	6.69	1.72
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]	499.82	223.41	131.27	85.20	57.56	39.14	25.97	16.10	8.42	2.28

Trim-Tables for dual output converters

TEN 40-xx22WI										
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_d [kOhm]	273.44	123.02	72.87	47.80	32.76	22.73	15.57	10.20	6.02	2.68

TEN 40-xx23WI										
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_d [kOhm]	337.71	152.02	90.13	59.18	40.61	28.23	19.39	12.76	7.60	3.47