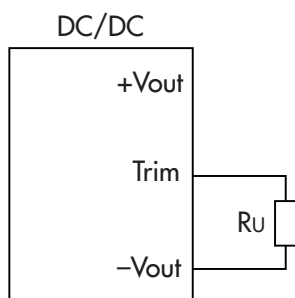


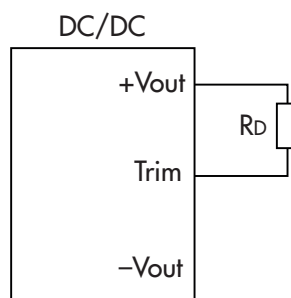
Output Voltage Adjustment

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 30-xx11UIR / TEN 40-xx11UIR

Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	5.151	5.202	5.253	5.304	5.355	5.406	5.457	5.508	5.559	5.61
R _u [kOhm]	37.12	16.89	10.13	6.75	4.71	3.36	2.39	1.67	1.10	0.65
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	5.049	4.998	4.947	4.896	4.845	4.794	4.743	4.692	4.641	4.59
R _p [kOhm]	48.51	22.08	13.27	8.86	6.22	4.46	3.20	2.25	1.52	0.93

TEN 30-xx12UIR / TEN 40-xx12UIR

Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	12.12	12.24	12.36	12.48	12.6	12.72	12.84	12.96	13.08	13.2
R _u [kOhm]	392.86	172.18	101.45	66.59	45.84	32.07	22.26	14.93	9.23	4.69
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	11.88	11.76	11.64	11.52	11.4	11.28	11.16	11.04	10.92	10.8
R _p [kOhm]	435.29	201.12	120.43	79.57	54.89	38.37	26.54	17.64	10.71	5.16

Trim-Tables for single output converters (continued)

TEN 30-xx13UIR / TEN 40-xx13UIR										
Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	15.15	15.3	15.45	15.6	15.75	15.9	16.05	16.2	16.35	16.5
R_u [kOhm]	413.16	198.12	125.75	89.45	67.62	53.05	42.64	34.82	28.74	23.87
	11 %	12 %	13 %	14 %	15 %	16 %	17 %	18 %	19 %	20 %
Vout [V]	16.65	16.8	16.95	17.1	17.25	17.4	17.55	17.7	17.85	18
R_u [kOhm]	19.89	16.57	13.76	11.35	9.26	7.43	5.82	4.39	3.11	1.95
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	14.85	14.7	14.55	14.4	14.25	14.1	13.95	13.8	13.65	13.5
R_d [kOhm]	302.15	132.98	78.55	51.69	35.68	25.06	17.49	11.83	7.43	3.92

TEN 30-xx15UIR / TEN 40-xx15UIR										
Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	24.24	24.48	24.72	24.96	25.2	25.44	25.68	25.92	26.16	26.4
R_u [kOhm]	947.15	472.77	303.50	216.61	163.72	128.15	102.59	83.33	68.30	56.24
	11 %	12 %	13 %	14 %	15 %	16 %	17 %	18 %	19 %	20 %
Vout [V]	26.64	26.88	27.12	27.36	27.6	27.84	28.08	28.32	28.56	28.8
R_u [kOhm]	46.35	38.10	31.10	25.10	19.89	15.33	11.30	7.72	4.51	1.62
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	23.76	23.52	23.28	23.04	22.8	22.56	22.32	22.08	21.84	21.6
R_d [kOhm]	736.06	326.67	192.47	125.79	85.91	59.38	40.46	26.28	15.26	6.45