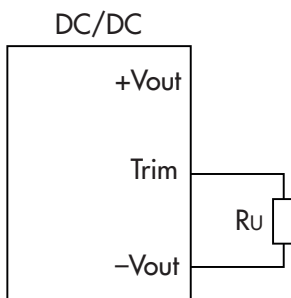


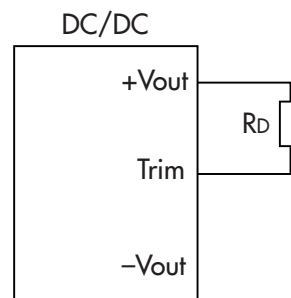
Output Voltage Adjustment

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-xx10WIN										
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	26.165	15.577	10.283	7.106	4.988	3.476	2.341	1.459	0.753
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	31.235	18.49	12.117	8.294	5.745	3.924	2.559	1.497	0.647

TEN 30-xx11WIN										
Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	5.15	5.20	5.25	5.30	5.36	5.41	5.46	5.51	5.56	5.61
R_u [kOhm]	38.135	17.368	10.446	6.985	4.908	3.524	2.535	1.793	1.217	0.755
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	5.05	5.00	4.95	4.90	4.85	4.79	4.74	4.69	4.64	4.59
R_p [kOhm]	47.191	21.431	12.844	8.551	5.975	4.258	3.031	2.111	1.396	0.823

Trim-Tables for single output converters (continued)

TEN 30-xx12WIN										
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]	367.908	165.954	98.636	64.977	44.782	31.318	21.701	14.488	8.879	4.391
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]	460.992	207.946	123.597	81.423	56.118	39.249	27.199	18.162	11.132	5.509

TEN 30-xx13WIN										
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]	404.184	180.592	106.061	68.796	46.437	31.531	20.883	12.898	6.687	1.718
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]	499.816	223.408	131.272	85.204	57.563	39.136	25.974	16.102	8.424	2.282