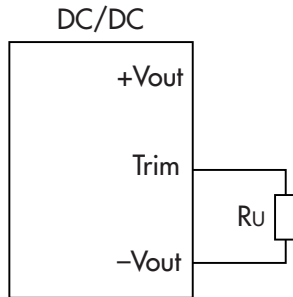


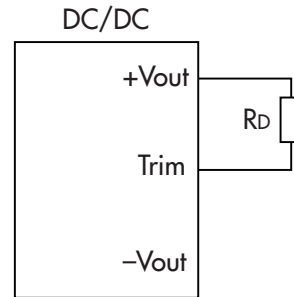
Output Voltage Adjustment

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. The external TRIM resistor needs to be at least 1/8 W of rated power.

Connection of trim up resistor



Connection of trim down resistor



Trim-Tables for single output converters

TEN 60-xx11WIR										
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	5.610
R _u [kOhm]	36.753	16.700	10.001	6.649	4.637	3.295	2.337	1.618	1.059	0.611
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	5.049	4.998	4.947	4.8960	4.845	4.794	4.743	4.692	4.641	4.590
R _d [kOhm]	47.801	21.688	13.003	8.663	6.061	4.326	3.088	2.159	1.436	0.859

TEN 60-xx12WIR										
Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	12.12	12.24	12.36	12.48	12.60	12.72	12.84	12.96	13.08	13.20
R _u [kOhm]	392.864	172.175	101.446	66.591	45.837	32.068	22.264	14.929	9.234	4.685
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
Vout [V]	11.88	11.76	11.64	11.52	11.40	11.28	11.16	11.04	10.92	10.80
R _d [kOhm]	435.294	201.116	120.429	79.573	54.894	38.371	26.535	17.639	10.709	5.157

Output Voltage Adjustment

Trim-Tables for single output converters (continued)

TEN 60-xx13WIR										
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]	413.163	198.115	125.754	89.445	67.618	53.050	42.636	34.820	28.739	23.872
	11 %	12 %	13 %	14 %	15 %	16 %	17 %	18 %	19 %	20 %
V _{out} [V]	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	18.00
R _u [kOhm]	19.888	16.568	13.759	11.350	9.262	7.434	5.822	4.389	3.106	1.951
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]	302.154	132.978	78.547	51.685	35.680	25.055	17.489	11.826	7.429	3.916

TEN 60-xx15WIR										
Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
V _{out} [V]	24.24	24.48	24.72	24.96	25.20	25.44	25.68	25.92	26.16	26.40
R _u [kOhm]	947.146	472.772	303.499	216.605	163.724	128.153	102.589	83.329	68.298	56.240
	11 %	12 %	13 %	14 %	15 %	16 %	17 %	18 %	19 %	20 %
V _{out} [V]	26.64	26.88	27.12	27.36	27.60	27.84	28.08	28.32	28.56	28.80
R _u [kOhm]	46.353	38.099	31.104	25.101	19.892	15.330	11.302	7.718	4.509	1.619
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 _p [kOhm]	736.063	326.672	192.473	125.790	85.913	59.383	40.459	26.282	15.263	6.454

TEN 60-xx18WIR										
Trim-Up										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
V _{out} [V]	48.48	48.96	49.44	49.92	50.40	50.88	51.36	51.84	52.32	52.80
R _u [kOhm]	531.639	226.403	131.987	86.042	58.867	40.910	28.162	18.642	11.263	5.376
Trim-Down										
	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %
V _{out} [V]	47.52	47.04	46.56	46.08	45.60	45.12	44.64	44.16	43.68	43.20
R _p [kOhm]	558.604	257.390	153.744	101.292	69.616	48.413	33.225	21.811	12.920	5.798