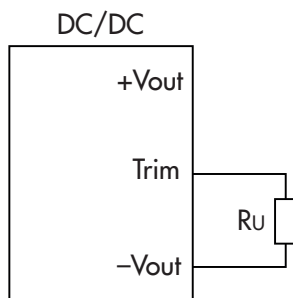


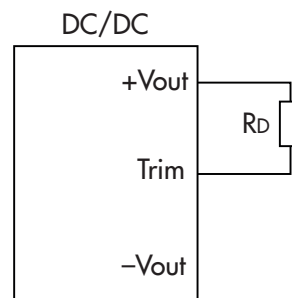
## Output Voltage Adjustment

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

THL 25-xx10 & THL 25-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]	60.84	27.40	16.25	10.68	7.34	5.11	3.51	2.32	1.39	0.65
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]	72.61	32.55	19.20	12.52	8.51	5.84	3.94	2.51	1.39	0.50

THL 25-xx11 & THL 25-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]	106.87	47.76	28.06	18.21	12.30	8.36	5.55	3.44	1.79	0.48
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]	138.88	62.41	36.92	24.18	16.53	11.44	7.79	5.06	2.94	1.24

**Trim-Tables for single output converters (continued)**

<b>THL 25-xx12 &amp; THL 25-xx12WI</b>										
<b>Trim-Up</b>										
	<b>1 %</b>	<b>2 %</b>	<b>3 %</b>	<b>4 %</b>	<b>5 %</b>	<b>6 %</b>	<b>7 %</b>	<b>8 %</b>	<b>9 %</b>	<b>10 %</b>
<b>V<sub>out</sub> [V]</b>	12.12	12.24	12.36	12.48	12.60	12.72	12.84	12.96	13.08	13.20
<b>R<sub>u</sub> [kOhm]</b>	351.00	157.50	93.00	60.75	41.40	28.50	19.29	12.37	7.00	2.70
<b>Trim-Down</b>										
	<b>1 %</b>	<b>2 %</b>	<b>3 %</b>	<b>4 %</b>	<b>5 %</b>	<b>6 %</b>	<b>7 %</b>	<b>8 %</b>	<b>9 %</b>	<b>10 %</b>
<b>V<sub>out</sub> [V]</b>	11.88	11.76	11.64	11.52	11.40	11.28	11.16	11.04	10.92	10.80
<b>R<sub>p</sub> [kOhm]</b>	413.55	184.55	108.22	70.05	47.15	31.88	20.98	12.80	6.44	1.35

<b>THL 25-xx13 &amp; THL 25-xx13WI</b>										
<b>Trim-Up</b>										
	<b>1 %</b>	<b>2 %</b>	<b>3 %</b>	<b>4 %</b>	<b>5 %</b>	<b>6 %</b>	<b>7 %</b>	<b>8 %</b>	<b>9 %</b>	<b>10 %</b>
<b>V<sub>out</sub> [V]</b>	12.12	12.24	12.36	12.48	12.60	12.72	12.84	12.96	13.08	13.20
<b>R<sub>u</sub> [kOhm]</b>	422.77	189.89	112.26	73.44	50.15	34.63	23.54	15.22	8.75	3.58
<b>Trim-Down</b>										
	<b>1 %</b>	<b>2 %</b>	<b>3 %</b>	<b>4 %</b>	<b>5 %</b>	<b>6 %</b>	<b>7 %</b>	<b>8 %</b>	<b>9 %</b>	<b>10 %</b>
<b>V<sub>out</sub> [V]</b>	11.88	11.76	11.64	11.52	11.40	11.28	11.16	11.04	10.92	10.80
<b>R<sub>p</sub> [kOhm]</b>	530.73	238.61	141.24	92.56	63.35	43.87	29.96	19.53	11.41	4.92