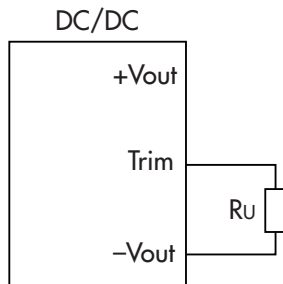


Output Voltage Adjustment

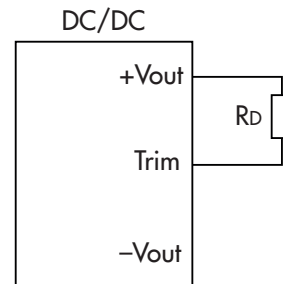
This feature allows increasing and decreasing the output voltage of single output models. This is accomplished by connecting an external resistor between the Trim pin and either the +Vout or -Vout pin.

For trimming up, it must be assured that max. output power is not exceeded.

Connection of trim up resistor



Connection of trim down resistor



THR 20-xx05WI

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]	119.77	53.70	31.67	20.66	14.05	9.65	6.50	4.14	2.31	0.84
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 _d [kOhm]	156.81	70.69	41.99	27.64	19.03	13.29	9.18	6.11	3.72	1.80

THR 20-xx12WI

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]	344.74	154.37	90.92	59.19	40.15	27.46	18.39	11.59	6.31	2.07
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	11.80
R _d [kOhm]	419.81	187.68	110.30	71.61	48.40	32.93	21.87	13.58	7.13	1.98

THR 20-xx15WI

Trim-up	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
Vout [V]	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	16.50
R _u [kOhm]	482.88	215.89	126.89	82.40	55.70	37.90	25.18	15.65	8.23	2.30
Trim-down	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
Vout [V]	14.85	14.70	14.55	14.40	14.25	14.10	13.95	13.80	13.65	13.50
R _d [kOhm]	602.92	269.91	158.91	103.41	70.10	47.90	32.05	20.15	10.90	3.50

THR 20-xx24WI

Trim-up	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
Vout [V]	24.24	24.48	24.72	24.96	25.20	25.44	25.68	25.92	26.16	26.40
R _u [kOhm]	486.83	217.87	128.21	83.38	56.49	38.56	25.75	16.14	8.67	2.69
Trim-down	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
Vout [V]	23.76	23.52	23.28	23.04	22.80	22.56	22.32	22.08	21.84	21.60
R _d [kOhm]	598.97	267.93	157.59	102.42	69.31	47.25	31.48	19.66	10.46	3.11