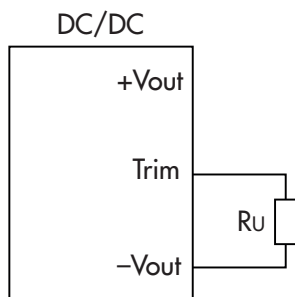


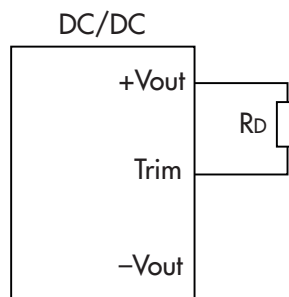
## Output Voltage Adjustment

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. The external TRIM resistor needs to be at least 1/16 W of rated power.

### Connection of trim up resistor



### Connection of trim down resistor



### Trim-Up equation

$$R_U[\Omega] = \frac{G \times L}{V_{out\_up} - L - K} - H$$

### Trim-Down equation

$$R_D[\Omega] = \frac{(V_{out\_down} - L) \times G}{V_{out\_nom} - V_{out\_down}} - H$$

### Trim constants

Model	G	H	K	L
THN 20-xx10	5'110	2'050	0.8	2.5
THN 20-xx11			2.5	
THN 20-xx12	10'000	5'110	9.5	
THN 20-xx13			12.5	