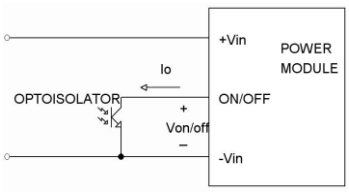
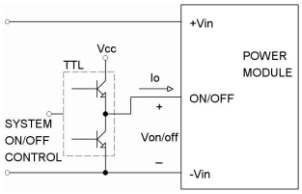
Remote ON/OFF Control

The Remote ON/OFF Pin is controlled DC/DC power module to turn on and off; the user must use a switch to control the logic voltage high or low level of the pin referenced to $-V_{in}$. The switch can be open collector transistor, FET and Photo-Couple. The switch must be capable of sinking up to 1mA at low-level logic Voltage. High-level logic of the ON/OFF signal maximum voltage is allowable leakage current of the switch at 15V is 50μA.

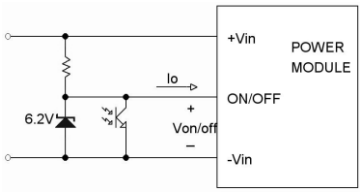
Remote ON/OFF Implementation Circuits



Isolated-Closure Remote ON/OFF



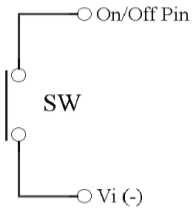
Level Control Using TTL Output



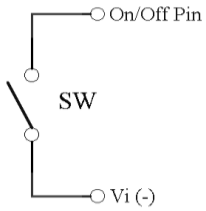
Level Control Using Line Voltage

There are two remote control options available, positive logic and negative logic.

a. The Positive logic structure turned on of the DC/DC module when the ON/OFF pin is at high-level logic and low-level logic is turned off it.

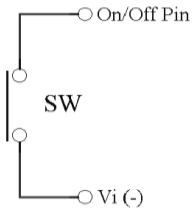


When THN 20WI module is turned off at Low-level logic

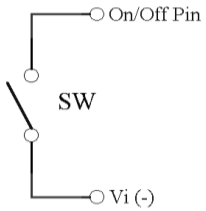


When THN 20WI module is turned on at High-level logic

b. The Negative logic structure turned on of the DC/DC module when the ON/OFF pin is at low-level logic and turned off when at high-level logic.



When THN 20WI module is turned on at Low-level logic



When THN 20WI module is turned off at High-level logic