TRACO POWER
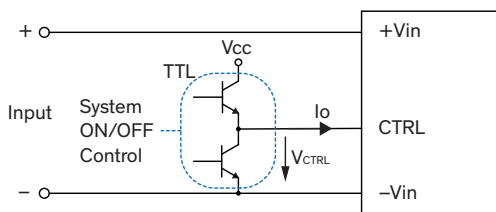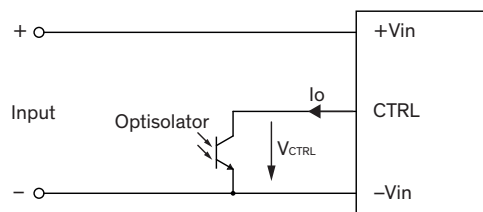
DC/DC Converter   TEP 75WI Series

Remote Control

The CTRL pin can turn the converter on and off using a switch to control the logic voltage level (high or low) referenced to –Vin. The switch can be open collector transistor, FET or Photo-Couple and has to be implemented by the user. The switch must be capable of sinking up to 1 mA at low-level logic voltage. There are two remote control options available, negative logic and positive logic.
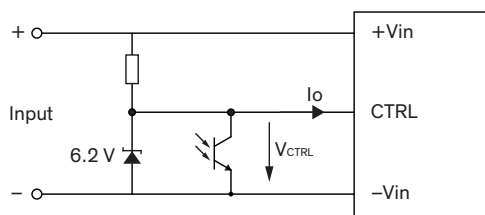
Remote ON/OFF Implemantation Circuits
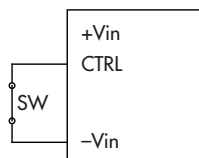

Isolated-Closure Remote ON/OFF

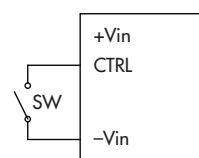Level Control using TTL Output

Level Control using Line Voltage

Standard Logic

The DC/DC converter is turned on when the CTRL pin is high-level and turned off when the CTRL pin is low-level.
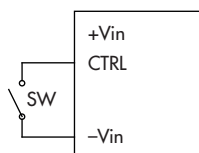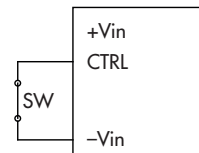

Remote OFF state

Remote ON state

Inverse Logic (Option)

The DC/DC converter is turned on when the CTRL pin is low-level and turned off when the CTRL pin is high-level.

Remote OFF state

Remote ON state