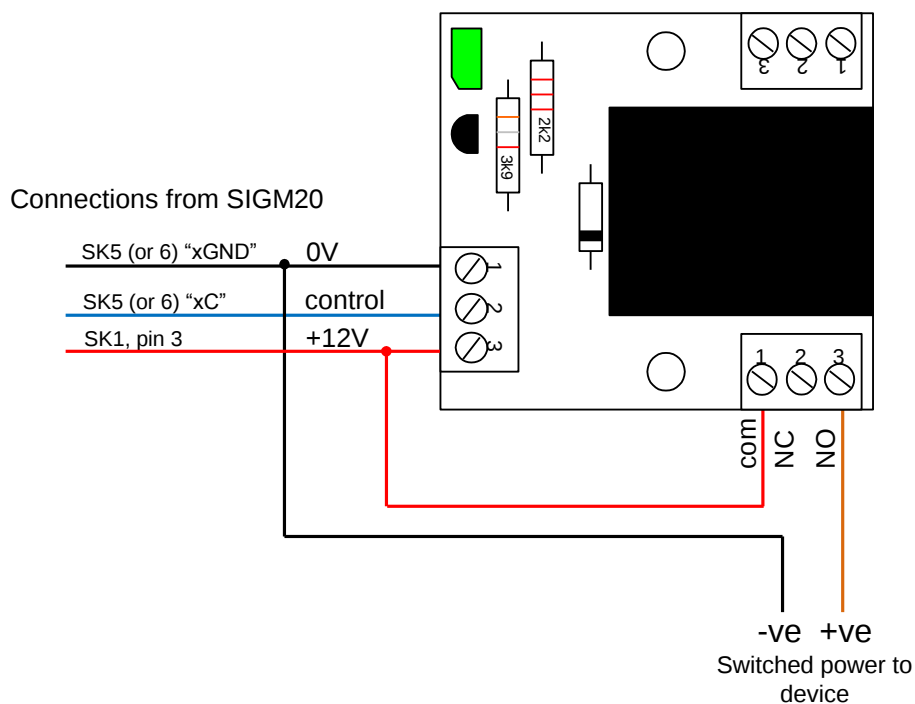


Switching power from the SGM20 using an RLY2 Relay Board

As the SGM20 is designed to operate low voltage LED's, devices with higher power consumption require a relay to switch power from the SGM20.

GFB Designs can supply the RLY2 board which serves this purpose and should be wired as indicated below. This setup will switch the 12V power ON when the "signal" is set to RED and OFF when the "signal" is GREEN.

Wiring Diagram



Notes:-

- "x", in the SGM20 connections list, refers to your chosen output (signal) number – i.e. 1 to 4 on SK5 or 5 to 8 on SK6.
- The SGM20 should be programmed to drive a **2-aspect, common cathode** signal.
- Individual wire colours shown to aid clarification only.

Relay contacts:-

com Common
NC Normally Closed
NO Normally Open