

# Azatrax Hex Solid State Relay Module, SSR6

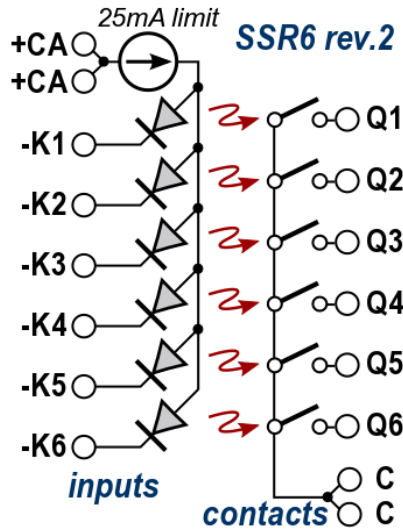
This module has six solid state relays. Each relay has an LED input and a single normally-open (SPST-NO) output contact.

When DC current of 3 to 25 milliamps DC flows through the input LED, the output contact closes. When input current stops, the output contact opens.

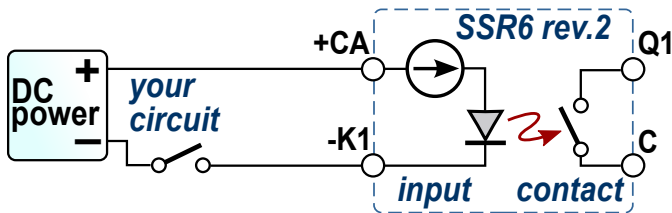
## Schematic Diagram of the Relay Module

Input LEDs are common-anode

- Input current: 3 - 25 milliamps, each input.
- Contact rating: 350 milliamps (0.35 amp) max  
30 v max AC or DC, each contact.
- Terminal connections: Terminal blocks have spring contacts. Strip the wire 3/8 inch (1 cm). Press the square button on the terminal block and insert the wire. Release the button, then tug on the wire to be sure it is secure.



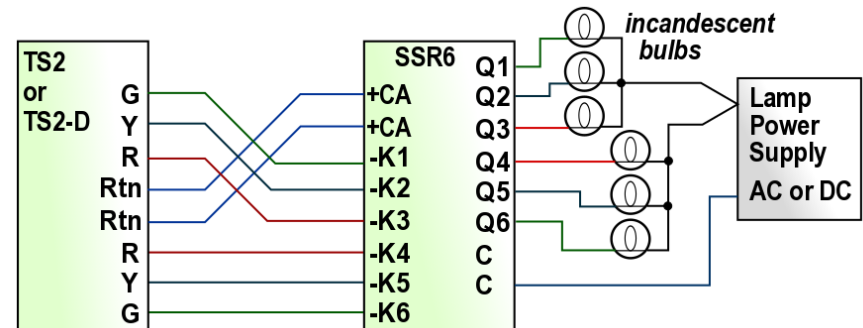
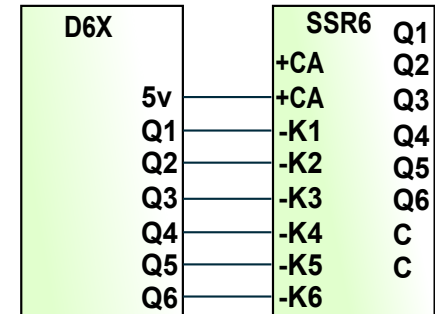
Example - Using one of the solid state relays:



# Application Examples

# SSR6

SSR6 used with an Azatrax D6X to increase the load capability of the D6X outputs:



SSR6 used with an Azatrax TS2 to operate block signals with incandescent bulbs.

A TS2 or TS2-D circuit by itself can only operate signals with LEDs.